

FORT HAYS STATE UNIVERSITY
University Catalog

2023-2024



**FORT HAYS STATE
UNIVERSITY**

Forward thinking. World ready.

www.fhsu.edu

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CAMPUS SERVICES

Academic Advising Center

Center for Student Success
Office Number: 1st Floor
(785) 628-5577
www.fhsu.edu/aace

Admissions

Picken Hall
Office Number: 211
(785) 628-5666
www.fhsu.edu/admissions

Alumni Association

Robbins Center
(785) 628-4430
www.fhsualumni.com

Assessment/Accreditation

Sheridan Hall
Office Number: 214
(785) 628-4554
www.fhsu.edu/ieqi

Athletics

Cunningham Hall
Office Number: 138
(785) 628-4050
www.fhsuathletics.com

Business Office

Sheridan Hall
Office Number: 106
(785) 628-5948
www.fhsu.edu/bus-off

Career Services

Center for Student Success
Office Number: 142
(785) 628-4260
www.fhsu.edu/career

Counseling Services

Center for Student Success
Office Number: 301
(785) 628-4401
www.fhsu.edu/health-and-welness/counseling/

Learning Technologies

Hammond Hall
Office Number: 2nd Floor
(785) 628-4194
www.fhsu.edu/learningtechnologies

Equal Employment

Sheridan Hall 314
(785) 628-4033

FHSU Foundation

Robbins Center
(785) 628-5620
www.foundation.fhsu.edu

FHSU Online

Sheridan Hall
Office Number: 208
(785) 628-4291
www.fhsu.edu/online

Financial Assistance

Picken Hall
Office Number: 202
(785) 628-4408
www.fhsu.edu/finaid

Graduate School

Picken Hall
Office Number: 306
(785) 628-4236
www.fhsu.edu/grad

International Student Services

Memorial Union
Office Number: 014
(785) 628-4176
www.fhsu.edu/international

Medical Services

Center for Student Success
Office Number: 301
(785) 628-4401
www.fhsu.edu/health-and-welness/medical

Operator-Campus

Tomanek Hall
Office Number: 113
(785) 628-4000

Registrar

Picken Hall
Office Number: 302
(785) 628-4222
www.fhsu.edu/registrar

Residential Life

McMindes Hall
Office Number: 126
(785) 628-4245

Scholarship Services

Picken Hall
Office Number: 222
(785) 628-4419
www.fhsu.edu/finaid/scholarships

Student Affairs

Sheridan Hall
Office Number: 208
(785) 628-4277
www.fhsu.edu/student-affairs

Student Fiscal Services

Picken Hall
Office Number: 317
(785) 628-5251
www.fhsu.edu/sfs

Teacher Licensure

Rarick Hall
Office Number: 2237B
(785) 628-4542
www.fhsu.edu/cert

Technology Services

Tomanek Hall
Office Number: 101
(785) 628-4235
www.fhsu.edu/technology

Testing Services

Picken Hall
Office Number: 111
(785) 628-4401
www.fhsu.edu/testing

Tiger Card Center

Memorial Union
Office Number: 208
(785) 628-5533
www.fhsu.edu/tigercard

University Police

Custer Hall
Office Number: 112
(785) 628-5304
www.fhsu.edu/university-police

Victor E. Apparel and Gift Co.

Memorial Union
(785) 628-4417

GLOSSARY – TERMS and DEFINITIONS

Academic Advisor

Academic advising is a connecting point for all FHSU students. At FHSU, we believe in the importance of academic advising, so each of our students has been assigned an advisor. An advisor is a faculty member or trained professional with whom you have the opportunity to meet with and talk to one-on-one about your academic program and your career/life goals - but you need to take the initiative. Your advisor helps you plan your course of study and makes suggestions in your program planning. He or she may help you with investigating careers. An advisor may refer you to other faculty or offices for help.

You should contact your advisor when you have academic related questions or issues. Advisors can be reached during office hours by e-mail, phone, regular mail or you can check with the department office to see when your advisor is available. Faculty advisors also teach classes and work on academic research, so advisement hours may be limited. If you are unable to make contact with your advisor, you may want to send a note or call your advisor to set up an appointment.

Academic Dean

The academic dean is the head of a college within the University. A dean reports directly to the Provost, who is the chief academic officer of the University. The dean of the college from which you plan to get your degree is responsible for academic decisions relating to your program.

Academic Policies/Procedures

Students are expected to provide academic work that represents their ability without inappropriate assistance. The University has developed policies and procedures regarding cheating, plagiarism, collusion, abuse of resource materials, and computer misuse. Sanctions may range from a warning, loss of credit for the examination or assignments in question, failure of a course, suspension or expulsion from the University. For more information concerning academic policies and

procedures, consult the Student Handbook.

Academic Probation and Suspension

Students are expected to perform at a level which will lead to graduation. A minimum of a C average (2.00) is required for graduation, although specific fields may require more than the minimum (see, for example, elementary and secondary education). If grades reflect that students are not making progress towards a degree, they are placed on [academic probation](#) or [academic suspension](#).

If a student is placed on academic suspension, it is in the student's best interest to take at least one semester to re-consider and re-evaluate career plans. An "Online Application for Academic Reinstatement" may then be filed. Reinstatement is not automatic; each application will be evaluated on its own merit. A student can also appeal the academic suspension if extenuating circumstances contributed to the suspension. The student should submit an "Application for Academic Reinstatement" to appeal. There is, however, no right to reinstatement. For assistance, a student should consult with the Director of Academic Advising.

Add

Students may officially add open, full-semester courses up to and including the 14th calendar day of classes with instructor permission. Students are required to remit payment for additional tuition and fees owed at the time of adding the course. All full-semester classes (16- weeks) will officially close 14 calendar days after the start of each semester.

Courses offered that meet for less than a full semester will follow the guidelines at: <https://www.fhsu.edu/registrar/Adding-Semester-Course/>.

Auditor

An auditor is admitted to the university, registers in the course, and is permitted to participate in the course without receiving credit or a traditional grade. An auditor's university transcript includes a notation indicating the course was audited. An auditor can complete assignments, exams, etc., but they are not required to do so. Instructors may choose to grade any assignments, exams, etc., if completed by

the auditor, but that is at the discretion of the instructor.

Auditors shall be required to pay regular tuition and fees per credit hour, except that auditors who are Kansas residents and 60 years of age or older shall be permitted to audit eligible courses with no requirement for payment of regular tuition and fees in accordance with, and subject to, the Kansas Board of Regents policy on auditing undergraduate and graduate courses, which may be found in Chapter II, Section B.1 of the Board Policy Manual.

Subject to the terms herein, anyone may audit an eligible course at FHSU if space allows, but preference will be given to students taking the course for credit. Auditors must be admitted to the university (degree-seeking or non-degree-seeking student), and they are subject to all other university policies and procedures in accordance with their designation as degree-seeking or non-degree seeking. Permission to audit a course must be granted by the instructor and the relevant department chair. Registration status (for-credit, audit, etc.) may not change once selected. An auditor may be withdrawn from a course at the option of the instructor, subject to an ability to appeal the withdrawal within three (3) days to the relevant department chair, whose decision shall be final.

Certain courses are ineligible for auditing due to specialized settings, equipment, consumable materials, etc. (e.g., field trips, laboratory courses, cabinet construction, etc.) because they teach physical skills (e.g., swimming, golf, etc.), or because of program admission requirements. Course eligibility for auditing is a determination made at the discretion of the instructor in consultation with the department chair. (updated: January 2020).

Certificate Programs

Undergraduate certificates are designed to recognize thematically organized learning and thereby to add value to students' traditional degrees and programs. Certificates shall typically be nine or more credit hours of coursework. The coursework may be outside of a major or minor program, or the coursework may partially fulfill requirements of a major, a minor, or the General Education program. The certificate curriculum can be either within a single academic discipline or interdisciplinary. All classes leading to a certificate must be taken for credit.

Classification

One's classification is the level or class of a student. Informally, a first-year student is a freshman, a second-year student is a sophomore, and so on. Officially, however, the number of credit hours earned determines classification:

- Freshman: 1-29 credit hours
- Sophomore: 30-59 credit hours
- Junior: 60-89 credit hours
- Senior: 90 plus credit hours
- Graduate: holds a baccalaureate degree

Cognate Course

A course related to a discipline (yet not within the major) which is required for completion of a degree program.

Concentration/Minor

A subset of 24 credit hours or less of coursework within a major or degree program (e.g., Bachelor of General Studies) with a focus on a particular topic or field (sometimes called a minor).

Co-requisite

A course/laboratory/activity required to be taken at the same time as another course/activity.

Course

A unit of academic work designed around a content area that involves a purpose, various activities, and ways of measuring success; a course is usually one semester long for which credit toward graduation is awarded; courses numbered 000-099 do not count for degree credit.

Course Numbering System

Course levels are identified by the first digit catalog course number as shown below:

- 000-099 For undergraduate students; non-degree credit courses.
- 100-299 For undergraduate, lower-division students; freshman-sophomore courses.
- 300-499 For undergraduate, upper-division students; junior-senior courses.
- 600-699 For undergraduate, upper-division and Graduate I students. Graduate students enrolled in 600G-699G level courses will be expected to produce a greater quantity and quality of work that clearly demonstrates their master of the subject matter surpasses that of undergraduates enrolled in the same course.

- 800-899 For Graduate I students;

graduate credit only.

- 900-999 For Graduate II students;

graduate credit only.

Graduate I: Courses designed primarily for master's students who have accumulated less than 31 credit hours of graduate work.

Graduate II: Courses designed primarily for specialist's or doctoral students who have completed more than 30 credit hours of graduate work.

Credit by Examination

Pre-approved credit by examination options are offered through Advanced Placement (AP), Fort Hays State University Local Examinations, the College Level Examination Program (CLEP), and UExcel Exams Military Service Credit.

Credit Hour

A unit of credit earned for courses meeting as follows: one 50-minute class per week = 50 minutes x 16 = 800 minutes = 1 credit hour; two 50-minute classes per week = 100 minutes x 16 = 1,600 minutes = 2 credit hours; three 50-minute classes per week = 150 minutes x 16 = 2,400 minutes = 3 credit hours; four 50-minute classes per week = 200 minutes x 16 = 3,200 minutes = 4 credit hours; five 50-minute classes per week = 250 minutes x 16 = 4,000 minutes = 5 credit hours; two 75-minute classes per week = 150 minutes x 16 = 2,400 minutes = 3 credit hours. Three-credit hour courses meet three 50-minute periods per week; a laboratory, studio, or similar types of courses may require more than 50 minutes of contact time to earn one hour of credit.

Degree

An academic title Fort Hays State University is authorized by the Kansas Board of Regents to confer on individual students as official recognition for completion of a degree program; a student may receive more than one degree.

Degree Program

A prescribed academic plan of study consisting of no less than 120 credit hours, at the undergraduate level, in which a student usually pursues at least one major or area of concentration (e.g., the Bachelor of General Studies).

Degree Seeking

A student who desires to earn a doctoral, graduate, baccalaureate or associate degree at the university.

Department

An administrative unit in the university's academic affairs division, responsible for organizing, coordinating, and delivering educational services; a department can administer more than one program.

Electives

A course selected by a student with or without an advisor's consultation; electives are usually within a major or special program (e.g., general education); a course not required for any program or special requirement is known as a "free elective."

Fifth Year Student

A student who has earned a baccalaureate degree and is pursuing post-baccalaureate studies at the undergraduate level; fifth year students are not permitted to enroll in graduate courses for graduate credit.

Full-time Student

An undergraduate student registered for 12 or more credit hours, or any graduate student registered for 9 or more credit hours.

Grade Point Average

The grade point average is determined by dividing the total number of grade points earned by the total number of credit hours in which grade points are recorded.

Grades and Grade Points

An evaluation of a student's work is given in terms listed below. Final grades for a course will be recorded in letter grades.

The grade point average is determined by dividing the total number of grade points earned by the total number of credit hours in which grade points are recorded. The GPA is carried out to two digits past the decimal point (example 1.00). No rounding shall be done to arrive at the GPA.

A = Superior Achievement: 4 grade points per credit

B = Good Achievement: 3 grade points per credit

C = Average Achievement: 2 grade points per credit

D = Minimum Passing Achievement: 1 grade point per credit

U = Unsatisfactory Achievement: 0 grade points per credit

I = Incomplete: Assigned at discretion of instructor when work is of otherwise passing quality but incomplete, usually for reasons beyond the student's control. (See Removing an Incomplete.)

W = Withdrawal
WP = Withdrawal Passing (effective Fall Semester 1997 through Fall Semester 2008)
WF = Withdrawal Failing (not used in calculating GPA) (effective Fall Semester 1997 through Fall Semester 2008)
WC = Cancellation (non-payment of fees)
P = Pass
CR = Credit
NC = No Credit

Graduate

A student who has earned a baccalaureate degree and is pursuing non-degree, post-baccalaureate graduate studies, master's education specialist or doctoral degree studies.

Graduate Courses

Courses 600G-699G may be taken as Graduate I credit. Graduate students enrolled in 600G-699G level courses will be expected to produce a greater quantity and quality of work that clearly demonstrates their mastery of the subject matter surpasses that of undergraduates enrolled in the same class. 800-899 are for graduate students only; 900-999 are for students in specialist or doctoral degree programs.

Hours

Sometimes referred to as semester credit hours, or semester units, unless specifically stated otherwise.

Incomplete in a Course

The instructor will determine the conditions to be met for removal of an incomplete (I) for undergraduate courses. These conditions will specify the work to be completed and the time allotted for its completion; however, effective Spring 2020, the maximum length of time for fulfillment of requirements to remove an incomplete grade shall be two years or two years after release from active duty for those students who are members of activated military reserve units.

If the work is not completed within this time, the incomplete will revert to a grade of "NC" (or a grade of "U" if taken Fall Semester 1997 through Summer Term 2001). Prior to this issuance of an "NC," a student may request additional time by submitting a written petition to the Registrar. This additional extension will also require the approval of the instructor or, in the absence of the instructor, the

department chair. If the student does not receive an extension, the incomplete grade will revert to a grade of "NC" (or a grade of "U" if taken Fall Semester 1997 through Summer Term 2001). Once an "NC" grade has been issued, a student may improve that grade by using the procedure for Improving a Grade.

This rule with regard to time limit shall not apply to students admitted to the Graduate School for graduate credit in courses centered on individual study such as theses, problems, readings, research, seminars, practicum, and independent study (or any other arranged courses). It will apply to all other courses in the Graduate School in which class work is ordinarily completed in the process of the regular semester. However, incompletes will not revert to an "NC" for courses for graduate credit that are not completed within two years and will remain permanently incomplete after two years.

Intersession

An enrollment period that runs between the fall and spring terms.

Laboratory

A course involving supervised experimentation or practice related to an academic

Lower-Division Courses

Courses numbered 100-299 ordinarily taken by freshmen and sophomores.

Major

An undergraduate academic program/plan consisting of 30 or more credit hours in which a student concentrates disciplinary coursework; most undergraduate degrees require a major for graduation.

Master's Degree

A prescribed academic plan of study consisting of no less than 30 hours and generally requiring 1 or 2 years of study beyond the bachelor's degree.

Matriculation

Enrollment in the University. An admitted student does not matriculate until actually enrolled in classes.

Mid-term

Halfway point in the academic semester.

Minor

An academic program consisting of at least 20 but no more than 24 credit hours of

coursework taken by students outside their chosen major(s); students cannot have minors within their majors.

Prerequisite

A course/requirement to be successfully completed or a condition to be met before a student may enroll in a specific course, laboratory, program, etc.

Program

A system of courses (curriculum) and learning opportunities (co-curricular and extracurricular) arranged in a coherent, comprehensive pattern to produce a well-defined, measurable, and desired set of learning outcomes; an academic plan to foster students' academic development; programs are commonly administered by a department or director.

Provost

The Provost is the Chief Academic Officer of the University. The Deans of the colleges report to the Provost.

Required Course

Coursework or courses within a specific department/program which must be completed by students who have selected the program (e.g., major, minor, concentration, area of emphasis); a course can be specified in a program or be unspecified and selected from a listing of required courses.

Semester

Normally a semester is 15-16 calendar weeks.

Sequence

Some courses must be taken in a specific order of sequence because each serves as a prerequisite for the next course in line. If a student's degree program includes any sequences, they should begin early enough to ensure that the sequence can be completed in time for graduation. A student's academic advisor can help plan for such courses.

Sub-baccalaureate degree

An award granted for the successful completion of studies requiring an academic plan of 2 years or less; typically known as associate degrees or certificates.

Summer Session

The enrollment period that begins after the spring semester ends.

Syllabus

A written description of the course, assignments, grading policy, exams, etc., which is provided by the instructors at the beginning of each course. It is

advisable for students to thoroughly read their syllabus to understand what is expected of them in the course.

Symbols

* General Education Course

+ Course may be repeated

Lab required

PERM Permission

PR Pre-requisite

Upper-Division Courses

Courses numbered from 300-499 ordinarily taken by Juniors and Seniors; courses numbered from 600-699 may also be taken by Juniors and Seniors as undergraduate credit. Students must earn 45 credit hours of upper-division courses to complete graduation requirements.

Withdrawal

Students may drop full-semester (16-week) courses through 11:59:59 PM CT on the 28th/29th calendar day of the semester.

Students dropping during this time period will not receive any notation on their transcript. Students who withdraw after this period and through 11:59:59 PM CT on the 70th calendar day of the semester will receive a notation on their transcript of withdrawal (W). No withdrawals allowed after the 70th calendar day of the semester. Students who drop/withdraw completely will receive a notation on their transcript of the date dropped/withdrawn. Students receiving financial aid have additional responsibility and should contact the Office of Student Financial Assistance in Picken Hall, 785-628-4408.

Additional information can be found at:
<https://www.fhsu.edu/registrar/Semester-Course-Drop-and-Withdrawal-Policy/>

GENERAL INFORMATION

Mission of Fort Hays State

Fort Hays State University provides accessible quality education to Kansas, the nation, and the world through an innovative community of teacher-scholars and professionals to develop engaged global citizen-leaders.

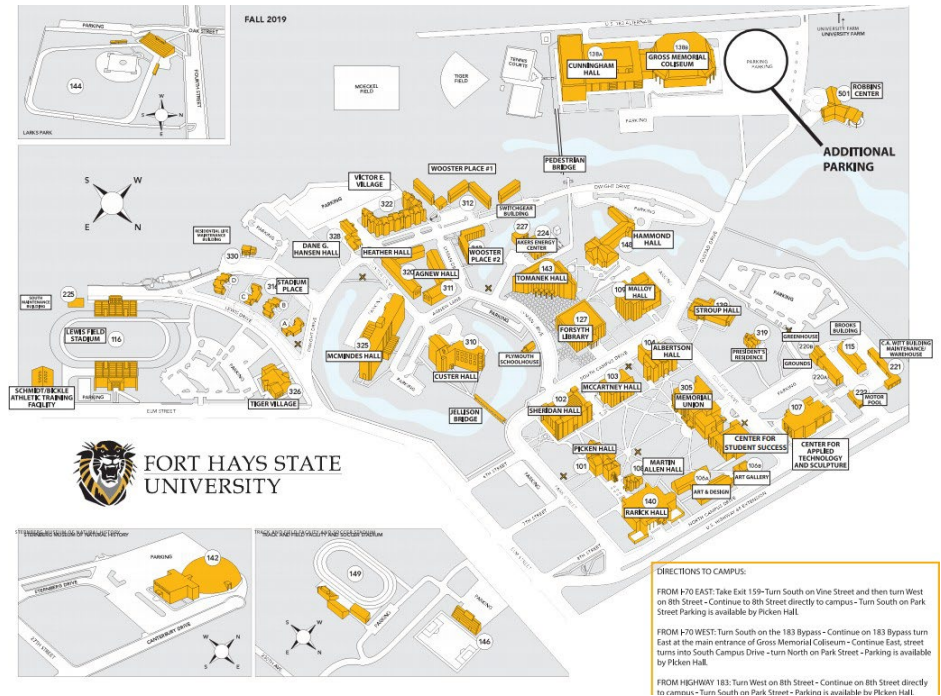
Accreditation

Fort Hays State University is accredited by the Higher Learning Commission of the North Central Association of Colleges and Schools, 30 North LaSalle Street, Suite 2400, Chicago, IL 60602-2504, USA, (800) 621-7440; or (312) 263-0456. The Higher Learning Commission and the North Central Association (NCA) is an institutional accrediting agency recognized by the United States Secretary of Education.

Specialized program accreditations include:

- American Chemical Society
- Association of Technology, Management, and Applied Engineering
- Commission on Collegiate Nursing Education
- Council for Accreditation of Counseling and Related Education Programs
- Council for Accreditation of Educator Preparation
- Council on Academic Accreditation in Audiology and Speech-Language Pathology of the American Speech-Language-Hearing Association
- Council on Social Work Education
- Joint Review Committee on Education in Radiologic Technology
- Kansas State Board of Education
- Kansas State Board of Nursing
- National Association of Schools of Music
- National Council for Accreditation of Educator Preparation
- US Department of Homeland Security and National Security Administration

Campus



See online map for most recent version (www.fhsu.edu/visitors/Campus-Map/)

The campus of Fort Hays State University is located adjacent to and southwest of the Hays city limits on Big Creek, a wooded stream which flows through the campus. This area, consisting of about 200 developed acres, is a part of 7,600 acres which was once the old Fort Hays military reservation. The university was assigned 4,160 acres of this land. The remaining area is used for agricultural purposes, student vocational projects, and research by university classes.

The campus and the adjacent state park furnish areas for recreation and sports. Big Creek provides fishing and skating facilities and furnishes excellent field facilities and materials for biological science research.

Campus, Publications and Student Services

Galleries of Art

The Moss-Thorns Gallery of Art, adjacent to the Center for Art and Design, provides a year-round program of fine arts exhibitions. Faculty and students of the School of Visual and Performing Arts select historical and contemporary shows and annually sponsor the Faculty Exhibit, the Student Honors Exhibition, and the juried Great Plains National Exhibition. Guest artists, faculty, and students exhibit in a professional art gallery setting. The Stouffer Lounge, located on the second floor of the Memorial Union, features special exhibits.

Technology Services

The Office of Technology Services maintains and supports all aspects of technology at Fort Hays State University, including enterprise administrative systems and applications, networking and infrastructure, telecommunications, information security, user support, training and documentation, technology purchasing, and desktop, lab and classroom support.

The Docking Institute of Public Affairs

The primary mission of Fort Hays State University's Docking Institute of Public Affairs is to facilitate effective public policy decision making among governmental and non-profit entities.

The Institute's four primary programs are:

- Public policy and public opinion, survey research for governmental and nonprofit entities
- Strategic planning and consulting
- Public affairs programming through conferences, speakers, forums, television and radio programming, newspaper columns and scholarly publications
- Public administration and leadership training programs

Alumni Association

The Fort Hays State University Alumni Association, incorporated under the laws of Kansas, seeks to promote the interests and purposes of the university through

various activities and to serve alumni of the university. All FHSU graduates, former students, and friends of the university are eligible for active membership in this association through a dues payment system.

The association functions as a major public relations arm of the university, and the office maintains records of graduates, former students, donors, and friends of the university. Activities include an awards program, chapter meetings, e-mail forwarding service, student-related services, global travel program, homecoming, insurance programs, class reunions, and publication of the FHSU Magazine.

FHSU Foundation

FHSU alumni and friends who make contributions to benefit the university direct their donations to the FHSU Foundation. The Foundation was incorporated in 1945 as a 501(c)3 organization. It is authorized to receive real and personal properties, monies, and other items of value given for the use or benefit of the university. It is responsible for the management and administration of funds and properties under its jurisdiction for the benefits of the university, its students, employees, and departments. Policies are formed by a board of trustees and administered by an executive committee and president.

Contributions to the Foundation are essential to FHSU because they provide a permanent source of funding for academic programs, faculty, staff, and students. Annual solicitation campaigns of alumni and friends are conducted which inform donors of university activities and also provide them with an opportunity to assist FHSU programs of their choice. A vital part of the Foundation's resources are the endowed funds. With an endowed gift, the principal amount is invested and remains untouched.

The investment earnings are used to provide income which gives FHSU the ability to plan and implement long term strategies for program improvement. Investing in the education of our students at FHSU is an investment in our future.

Herndon Speech- Language- Hearing Clinic

Fort Hays State University is proud to have a state-of-the-art clinic to provide evaluation and treatment for the local community and people of western Kansas.

The clinic's namesake, Dr. Geneva Herndon, founded the clinic in 1954 and started the Communication Sciences and Disorders Program. The clinic's primary purpose is to provide undergraduate students in Communication Sciences and Disorders and graduate students majoring in Speech-Language Pathology with hands-on experience providing services in speech, language and hearing.

Nationally certified and licensed faculty and clinical students use the latest evidence-based research practices to provide clients with a high-quality, comprehensive evaluation and/or treatment program. Clients can range across the lifespan and may be experiencing a variety of difficulties. Services for young toddlers may focus on increasing the size of the vocabulary or length and complexity of the sentence. School-age children's services may target social skills, oral language skills as well as reading and writing ability. For adults, evaluation and treatment is available for those who are experiencing communication and/or swallowing difficulties because of a stroke, traumatic brain injury, dementia, or other degenerative disease (e.g., Parkinson's).

In May, 2008 the Herndon Clinic was named as a RiteCare® Clinic, sponsored by the Scottish Rite Foundation of Kansas. There are over 170 RiteCare® clinics, centers, and special programs operating or planned for children located throughout the United States. These clinics have a focus on serving children who have difficulty with listening, speaking, and literacy skills.

Tiger Tots

Even tiny tigers can take advantage of the education offered at Fort Hays State University! FHSU Tiger Tots Preschool Center is a beautifully renovated space that provides a safe, loving, and high-quality learning environment that transitions our little tigers to kindergarten-ready. Children

of FHSU students, NCKTC students, Hays Academy of Hair Design students, and children of FHSU faculty and staff are eligible to be a part of our Tiger Tot family. The Center is conveniently located in Rarick 109 on the FHSU campus. We are open Monday-Friday, 7:30 AM-5:00 PM, and we follow the University's academic schedule.

We offer a positive and safe environment that promotes each child's social, physical, intellectual, and emotional growth. We believe learning should happen by exploring the environment, questioning, and problem-solving, all of which help children develop a positive self-image. Our curriculum, staff, and environment promote a high-quality early childhood program. Tiger Tots is licensed to enroll children between the ages of 30 months through school age and has a capacity for 24 children at any given time.

University Calendar

The University Calendar is managed by the Memorial Union. Any student, faculty member, department, or organization desiring to list an event on the University Calendar should contact the reservations office.

Division of Student Affairs

The university provides for each student an environment which is intended to foster a living and learning experience. Offices in the Division of Student Affairs exist to help the student develop as a total person.

STUDENT SERVICES

Academic Advising and Career Exploration Center

The Academic Advising and Career Exploration Center (AACE) serves exploratory majors, non-degree seeking students, students looking to confirm their current major, and students who are on academic probation and academic suspension. The Center also supports professional academic advisors, faculty mentors and staff by providing academic and career advising resources.

The AACE Center can help you:

- Explore academic options to clearly define your educational goals.
- Understand general education requirements.
- Understand your academic standing and related university processes.

- Understand university policies.
- Locate appropriate resources for academic success.

Career Services

Career Services assists FHSU students with developing job skills necessary for successful job search and admission to graduate school. Career Services also provides extensive information on employment opportunities in internships and full-time positions! Check out our services and resources:

Resume and Cover Letter Reviews: Help job seekers prepare resumes and cover letters and learn interview/job searching strategies.

On-campus or online interviewing opportunities for internship or full-time positions.

Handshake: Use your FHSU login information to access Handshake, where you can find nationwide postings, tutoring appointment blocks, and career services appointments. Check out Jobs for Tigers for part-time positions in the Hays area. Find information on global jobs and internships, interviews, and cultural advice. You can access this information through your Handshake account.

Mock Interviews: Use fhsu.biginterview.com to practice your interview skills 24/7 online.

A clothing closet provides FHSU students with professional clothing. Each student can get one free outfit each year of attendance at Fort Hays State University!

Career Fairs: Connect with future employers, recruiters, and schools for potential employment. There are new fairs in both the Spring and Fall so check our website <http://www.fhsu.edu/careers> or Handshake for upcoming fairs.

Social Media: Connect with us on Instagram and LinkedIn @FHSUCareers!

Exchange Programs

International Student Exchange Program: The International Student Exchange Program allows university students the opportunity to enroll in a foreign university for a semester or year of study.

These universities are located in more than 46 countries on 6 continents. Students can earn academic credit toward their degree while participating in the life of their host institution and country. This program, designed for both undergraduate and graduate students, is handled through the International Student Exchange Coordinator and is located in the Office of Student Affairs, Memorial Union, Rm 014.

Kansas/Paraguay Exchange Program: The university is a member of the six Board of Regents universities in Kansas that has a reciprocal faculty and student exchange program with the two universities in Paraguay - the National University of Asuncion and the Catholic University of Our Lady of Asuncion. This program provides the opportunity for faculty and students to study or do research while living in Paraguay, with students also having the opportunity to earn academic credit. This program is handled through the International Student Exchange Coordinator located in the Office of International Services, Memorial Union, Rm 014.

National Student Exchange: Fort Hays State University participates in the National Student Exchange with over 130 other colleges and universities throughout the United States. Students broaden their understanding of our world by experiencing different physical and social surroundings and expanding their horizons. This program, designed for sophomores and juniors, is handled through the National Student Exchange Coordinator and is located in the Memorial Union, Rm 014.

Study and Travel Abroad Programs: Information on summer study abroad and travel abroad may be found on the university web site at <https://www.fhsu.edu/studyabroad/>. Each year dates and costs of these programs change. These programs are designed for both undergraduate and graduate students and are handled through the Study Abroad Office located in the Memorial Union, Rm 014.

International Student Services

The International Student Services Office provides academic, personal, financial, and immigration counseling for international students. An orientation session for new international students at the beginning of each semester, a monthly international student newsletter, and special campus and community programs are among the services offered to international students.

Health and Wellness Services

Personal Counseling Services

When you need to get a different perspective or need support, we are here for you. We offer therapy services to help with a wide range of mental health concerns including stress, anxiety, depression, college transition, drug and alcohol use, grief, and relationship issues. Our professional counselors can help you learn problem-solving techniques for college success and be a source of support during challenging times.

If you are a victim of dating, domestic, sexual, interpersonal, or stalking violence, our counselors can help you with decision-making, safety issues, general support, and individual healing.

Our Domestic, Dating, and Sexual Violence Help page provides additional information and helpful resources.

To schedule an individual counseling session for any of your mental health concerns, contact our office. Counseling services are provided onsite but can also be made available by phone or the Internet. If you are interested in telehealth, please visit our Telehealth Informed Consent Page for more information.

Academic Support and Tutoring

College work isn't supposed to be easy. It's challenging, demanding and sometimes may seem difficult to manage. That's why we are here to help. Through our academic coaching services, you can get individualized information and help with study skills and strategies, college-level textbook reading, note-taking, time management and test preparation. Our staff provide one-on-one sessions to help you learn ways to overcome academic stumbling blocks. Your decision to get academic coaching is a sign of strength, not a sign of weakness. People who know they need guidance and seek it out are strong and do what is needed to achieve personal and academic well-being.

Academic Success Programs offer free peer tutoring to help you strengthen your skills and ultimately improve your classroom performance. Our tutors are available to help with most General Education courses including math, science, foreign language, English and other subjects.

Alcohol and Drug Abuse Treatment and Prevention Program

Abusing alcohol or other drugs can negatively impact your personal well-being and success at FHSU. Maybe you've been arrested for an alcohol or drug-related offense. Maybe you're worried about a friend, classmate, or family member's drinking and drug use. Maybe you think you have a problem and just don't know what to do or where to get help. We can help you navigate these issues and grow from these experiences.

Our certified counselors can help you understand addictive behavior and find alternative ways to manage the "triggers" that can lead to substance abuse. We also provide court-ordered chemical dependency evaluations and Alcohol Information School (AIS) sessions. And remember, it's less expensive to get help when you **want to**, rather than when you **have to**.

To schedule an individual counseling session for any substance use or abuse concerns, contact our office. Counseling services are provided onsite but can also be made available by phone or the Internet. If you are interested in telehealth, please visit our Telehealth Informed Consent Page for more information about living on campus.

Testing Services

As you work toward achieving your educational and career goals, you may need to show your skills and knowledge on national standardized exams. Testing Services administers these exams which include college and graduate school admissions tests, credit-by-examination assessments, and professional licensure and certification exams.

Our test center is an official test site for all Prometric, PSI True Talent, and Meazure Learning examination programs. We are also a test site for National Testing Network's Kansas Cosmetology examinations.

Medical Services

We care about your health and well-being just as much as we care about your academic career. While you're at FHSU, you'll have access to prompt, convenient, and personable care for

minor illnesses and injuries, as well as for testing and medications that keep you healthy and enjoying your time in college.

Our team of dedicated medical professionals provide compassionate, individualized care that emphasizes appropriate treatment and promotion of personal wellness. Our affordable healthcare services are conveniently located on the FHSU campus. For further information visit: www.fhsu.edu/health-and-wellness/medical/.

Accessibility Services

FHSU offers reasonable accommodations to students with documented learning, physical, and/or psychological disabilities. If you have one or more documented disabilities that affect your ability to learn or participate in a campus program or service, we are here to help support your needs.

You are required to [register with our office](#), identify your needs, and provide documentation in order to be considered eligible for reasonable accommodations at Fort Hays State. We will review your documentation and visit with you to determine accommodations and approaches that will be effective for your learning and/or engagement. For further information visit: www.fhsu.edu/health-and-wellness/accessibility/.

Memorial Union

The original building was completed in 1923, dedicated in 1958 and rededicated in 1983 as a memorial to all former students who gave their lives in defense of their country. The union is the community center for the university family— students, faculty, administration, alumni, and guests.

As the community center of Fort Hays State University, the Memorial Union serves students, faculty, staff, alumni and guests. With spaces designed for everyone, we invite you to discover the Union, the hub of student life here at FHSU.

The services offered in the Memorial Union include building-wide wireless internet, food, meeting rooms, lounges, media spaces, and more. Check out a full list of resources and services and let us know how we can help you make us your home away from home!

Meeting Rooms and Ballrooms – Small and large spaces designed to accommodate groups from 10 to over 350 people, the

rooms are used for job fairs, dinners, dances, weddings, receptions, seminars and meetings.

Sunset Lounge – A relaxing atmosphere for students wishing to study or relax, and a popular place for receptions and as a registration area for conferences and seminars.

Student Service Center – Services include Encore ticket sales, fax services, lost/found, notary, popcorn, helium balloonery, and TigerPrint Vouchers.

Union Administration Office – Reservations and information. (628-5305)

University Card Center – Providing production of original and replacement identification cards for FHSU students, staff and faculty. (628-5533)

Victor E. Apparel and Gift Co. – Wide selection of FHSU clothing and giftware as well as school supplies. (628-4417)

University Activities Board (UAB) – This university-wide, student-run activity board presents a variety of programs throughout the school year including social, cultural, recreational, and educational opportunities.

Student Identification Cards

The Tiger Card serves as the official photo identification card for all Fort Hays State University students, staff, and faculty.

- Check-out materials and technology from Forsyth Library
- Use your residential life meal plans
- Flexi Cash account
- Obtain tickets for arts and cultural events
- Athletic event attendance tickets
- Access the Tiger Fitness Center
- Need to visit the Health & Wellness Services
- Track event attendance in TigerLink for your co-curricular transcript or curriculums.
- Limited door access

For further information visit: www.fhsu.edu/tigercard/

Student Residential Life

At Fort Hays State University, we strive to provide an inclusive, inspiring environment that makes way for

excellence in your education – and your life. One of the best ways of immersing yourself in this community of strength and comradery is to take the opportunity to live on campus, with the world of Fort Hays State right outside your door.

Our Tiger family is deeply committed to ensuring that you have a wonderful on-campus living experience so that your home away from home feels wholly supportive and safe. For some, on-campus housing may be your first time living on your own or with a roommate, which then only helps to challenge yourself to learn more about your responsibilities and preferences. And, not only will you be learning about yourself, you'll also be learning about those who are different than you through shared experiences. It's all a part of what makes our Fort Hays State Tigers think ahead and get truly ready for the world outside. For further information visit: <https://www.fhsu.edu/reslife/>.

Fraternities: Three national social fraternities offer room and board accommodations in chapter houses for approximately 100 men. The fraternities represented on campus are Sigma Alpha Epsilon, Sigma Chi, and Tau Kappa Epsilon.

Sororities: Three national social sororities offer room and board accommodations in chapter houses for approximately 100 women. The sororities represented on campus are Alpha Gamma Delta, Delta Zeta, and Sigma Sigma Sigma.

Athletics

Varsity sports for men include baseball, basketball, cross country, football, golf, track and field, and wrestling. Women's varsity sports include basketball, cross country, golf, softball, soccer, tennis, track and field, volleyball and wrestling. Men's and women's spirit squad is also a part of FHSU's extensive athletic program.

Comprehensive academic support services are provided for student-athletes through the Athletic Academic Coordinator's office.

The university is a member of the Mid-America Intercollegiate Athletic Association (MIAA) and the National Collegiate Athletics Association Division

II. The wrestling program is an associate member of the Rocky Mountain Athletic Conference (RMAC). Members of the MIAA include colleges and universities representing three states:

Fort Hays State University; University of Central Missouri; Emporia State University; Missouri Southern State University; Missouri Western State University; University of Nebraska-Omaha; Northwest Missouri State University; Southwest Baptist University; Truman State University; and Washburn University.

Informatics Activities

The Tiger Media Network (TMN) is the student-run campus media network. TMN creates informative, entertaining, and engaging content for the Tiger community delivered over radio, television, and the web. KFHS, the radio division of TMN, broadcasts a variety of music and talk programs by FHSU students. For more information visit the TMN website.

Student Government Association (SGA)

The purpose of the Student Government Association shall be to preserve the Student Government Association as an effective means of representing students; to provide a constructive line of communication between students, faculty and administration; to foster student involvement in all campus activities; to enhance the educational, social and cultural experience of all students; and most importantly, to provide an environment conducive to the education of all Fort Hays State University Students.

For more information on SGA, visit: <https://www.fhsu.edu/sga/>

Music

Musical organizations include band, choir, orchestra, and smaller ensembles such as Brass Choir, Fort Hays Singers, Jazz Ensemble, Percussion Ensemble, and chamber ensembles.

In addition, two fraternal groups— Phi Mu Alpha Sinfonia for men and Sigma Alpha Iota for women—and Collegiate Music Educators National Conference, provide opportunities for association among students interested in music. Members of performing organizations may earn academic credit for participation.

FHSU theater produces a variety of student-directed, one-act plays and major dramas each year.

Student Organizations

Student organizations are a part of the total educational curriculum available to students. They provide opportunities to grow mentally, physically, socially, and spiritually. Therefore, the university recommends that every student participate each semester in at least one organization outside the student's major field of interest.

Each student group desiring to be registered by the university must be approved by the Student Organizations Committee which is composed of students and faculty. Students organizing a new group and seeking official registration should: (1) inquire in the Office of Student Affairs about the possibility and advisability of establishing a new organization and (2) secure from the Office of Student Affairs a statement of policies dealing with student organizations and the "Application for Registration" form to submit to the Student Organizations Committee.

After having achieved initial registration, student organizations annually submit brief reports to the Student Organizations Committee to be considered for continued registration by the university. All registered student organizations are expected to comply with the policies of the Student Organizations Committee and the university.

University Policy and Value Statements

Equal Employment Opportunity

Fort Hays State University is committed to ensuring a supportive environment for a diverse student body and work force. Policies have been developed to foster a climate conducive to meeting our university mission while maintaining the principles of equal opportunity and affirmative action.

The purpose of the Equal Opportunity Program is to affirm Fort Hays State University's commitment to providing equal opportunity and access in all areas, including employment, admission, financial aid, housing, academic programming, athletics and student organizations.

Notice of Non-discrimination:

Fort Hays State University does not discriminate on the basis of gender, race, religion, national origin, color, age, marital status, sexual orientation, disability or veteran status in its educational programs, employment and all other activities. In addition, the university does not discriminate on the basis of a person's genetic information. FHSU is committed to an environment in which students, faculty, administrators, and staff work together in an atmosphere free from all forms of discrimination, harassment, exploitation, and intimidation, including, but not limited to, verbal, physical, or written behavior directed toward or relating to an individual or group on the basis of their protected class status.

Notice of Accessibility:

Fort Hays State University will ensure that no qualified person with a disability is denied the benefits of, excluded from participation in, or otherwise subjected to discrimination because of inaccessibility to employment, education programs and all activities of Fort Hays State University. For information pertaining to services, activities, and facilities that are accessible to persons with disabilities, contact the Human Resource Office, Sheridan Hall Room 110, 600 Park Street, Hays, KS 67601, (785) 628-4462.

Policy Relative to Harassment:

Fort Hays State University is committed to an environment in which students, faculty, administrators, and academic staff (both classified and

unclassified) can work together in an atmosphere free from all forms of harassment, exploitation, or intimidation.

Protected Class and Sexual Harassment Grievance Policy:

Harassment: It is the policy of Fort Hays State University to prohibit harassment of individuals on the basis of their status, which includes race, color, religion, age, national origin, marital status, veteran status, gender, sexual orientation, or a physical or mental disability. The protections afforded by this policy apply equally to all segments of the university community, i.e., students, unclassified personnel, classified personnel, and employees of associated corporations.

Sexual Harassment: Sexual harassment, like harassment on the basis of race or religion, is a form of prohibited discrimination based on Title VII of the Civil Rights Act of 1964. In addition to being illegal, sexual harassment deters the creation and maintenance of a community in which students, faculty, administrative and academic staff (both classified and unclassified personnel) can work together in an atmosphere free of all forms of sexual harassment, exploitation, or intimidation. Fort Hays State University will not tolerate sexual harassment.

Sexual harassment violates not only the dignity of the individual but also the integrity of the university as a caring and enlightened environment in which to work and learn. The intent of the university is to provide an environment in which sexual harassment does not occur, and to provide recourse for those experiencing sexual harassment and appropriate consequences for those individuals who practice, promote, or condone such harassment. For more information visit:

www.fhsu.edu/president/Compliance-Office/Harassment-Sexual-Harassment-and-Workplace-Violence/

Privacy Rights and Notification of Rights Under FERPA

The Family Educational Rights and Privacy Act of 1974 is a federal law designed to protect the privacy of educational records; to establish the rights of students to inspect and review their education records; and to provide guidelines for the correction of inaccurate and misleading data through informal and formal hearings. The law

applies to any individual who is or has been in attendance at an institution and regarding whom the institution maintained educational records. Once students have matriculated to Fort Hays State University, i.e. registered in course work, FERPA rights transfer to the student, regardless of the student's age.

For more information visit:
www.fhsu.edu/registrar/FERPA/

Philosophy Concerning Alcohol and the Use of Other Drugs

Fort Hays State University has long recognized that an academic community is harmed in many ways by the abuse of alcohol and the use of other drugs. This high-risk behavior is exemplified by decreased productivity of members of the community, mental health problems, strained social interactions as well as forms of vandalism.

Problems associated with the illicit use and abuse of substances have a pervasive impact upon our academic community and are not associated with a singular socioeconomic group or age level. The processes of education and learning are especially impaired by alcohol abuse and the use of illicit drugs. For these reasons, the university prohibits the illegal use or possession of alcohol and other drugs on the campus. This policy is outlined in the Student Handbook.

The foundation of the philosophy concerning alcohol and drug abuse for Fort Hays State University is the firm commitment to an educational program which provides adequate information and counseling to help all members of the academic community to make informed and responsible decisions concerning the use of any controlled substance. The institution is committed to a healthy environment for living and learning.

Fort Hays State University subscribes to the basic philosophy of the Network of Colleges and Universities Committed to the Elimination of Alcohol and Drug Abuse.

Mission, Vision and Values

MISSION

Fort Hays State University provides accessible quality education to Kansas, the nation, and the world through an innovative community of teacher-scholars and professionals to develop engaged global citizen-leaders.

VISION

We will be accessible to those who seek higher education, unlocking potential aligned with the democratic, economic, and social needs of our communities, our region, and our world.

VALUES

Knowledge & Scholarship. Knowledge transforms the human experience. We value inquiry, discovery, and the dissemination of knowledge that leads to intellectual, social and economic advancements.

Innovation & Entrepreneurship. We think big. We solve problems. We seek and confront challenges, and embrace strategic risks that turn great ideas into exceptional pathways.

Global Engagement. We transcend geographic and cultural boundaries. We build partnerships and opportunities that connect our students to the world.

Policy Relative to Harassment

Fort Hays State University is committed to an environment in which students, faculty, administrators, and academic staff (both classified and unclassified) can work together in an atmosphere free from all forms of harassment, exploitation, or intimidation.

Harassment: It is the policy of Fort Hays State University to prohibit harassment of individuals on the basis of their status, which includes race, color, religion, age, national origin, marital status, veteran status, gender, sexual orientation, or a physical or mental disability. The protections afforded by this policy apply equally to all segments of the university community, i.e., students, unclassified personnel, classified personnel, and employees of associated corporations.

Sexual Harassment: Sexual harassment, like harassment on the basis of race or religion, is a form of prohibited discrimination based on Title VII of the Civil Rights Act of 1964. In addition to being illegal, sexual harassment deters the creation and maintenance of a community in which students, faculty, administrative and academic staff (both classified and unclassified personnel) can work together in an atmosphere free of all forms of sexual harassment, exploitation or intimidation. Fort Hays State University will not tolerate sexual harassment.

Sexual harassment violates not only the dignity of the individual but also the integrity of the university as a caring and enlightened environment in which to work and learn. The intent of the university is to provide an environment in which sexual harassment does not occur, and to provide recourse for those experiencing sexual harassment and appropriate consequences for those individuals who practice, promote, or condone such harassment.

Definition of Harassment

Harassment includes, but is not limited to, verbal, physical or written behavior directed toward or relating to an individual or group on the basis of their status and has the purpose or effect of: (1) Creating an intimidating, hostile or offensive work or educational environment; (2) Interfering with an individual's work, academic performance, living environment, personal security or participation in any university-sponsored activities; (3) Threatening an individual's employment or academic opportunities. This definition also applies to harassment of persons because of their association or support of members of a protected class.

Harassment on the basis of gender is further defined as any behavior that through inappropriate sexual content or disparagement of members of one gender has the same purpose or effect as items 1, 2 or 3 above. Any behavior, whether verbal or physical, constitutes sexual harassment if: (1) Unwelcome sexual advances, requests for sexual favors and other verbal or physical conduct of a sexual nature (e.g. uninvited touching) are made a term or condition of an individual's employment or education; (2) Unwelcome sexual advances, requests for sexual favors, or other verbal or physical conduct of a sexual nature are used as a basis for employment or academic decisions affecting that individual (e.g. grades, evaluations, promotions, letters of recommendation); (3) Unwelcome sexual advances, requests for sexual favors and other verbal or physical conduct of a sexual nature have the purpose or effect of unreasonably interfering with an individual's academic work or performance or creating an intimidating, hostile or offensive working or learning environment.

Any reprisals taken against an individual reporting, objecting to or serving as a witness about harassment will be considered a separate and distinct act of

harassment. While some examples of harassment, such as physical and verbal assaults, are easily identified, more frequent and generalized instances, such as graffiti and insensitive use of language, including epithets and "humor," often go unacknowledged. All of the above instances are demeaning and violate the spirit of this policy.

Under Title VII of the Civil Rights Act of 1964, employers are responsible for the actions of their agents. Supervisors and employers are accountable for actions of employees if those supervisors and employers are aware or should have been aware of any harassment.

Resolving Harassment and Other Affirmative Action Complaints

Acts of harassment as defined by this policy should be reported to the University Equal Employment Officer (628-4033).

All employees should be made aware of the reporting procedures available to them. All alleged acts of sexual harassment made known to any supervisor, director, advisor or employee, should be reported to the University Equal Employment Officer.

Grievances arising from violation of this policy may be resolved internally through use of the Protected Class and Sexual Harassment Grievance Procedure.

FHSU reserves the right to investigate and take appropriate action in those situations where a formal grievance is not filed, but action is required.

Where more than one complaint has been raised against an individual, the Equal Employment Officer will notify the accused party that the subsequent complaint may constitute a "pattern or practice" of harassment which may call for action on the part of the university even in the absence of a formal complaint from a particular individual.

Due process and confidentiality will be observed in all of these actions. It is the obligation of the Equal Employment Opportunity Officer, to whom a complaint of harassment is brought, to maintain confidentiality consistent with the following:

- 1) preventing future acts of harassment,
- 2) providing a remedy to persons injured by acts of harassment, and
- 3) allowing persons accused of harassment to reply to a complaint if any action is anticipated.

In the event the Equal Employment Officer is accused of sexual harassment, the grievant should report the alleged act of abusive behavior to the ad hoc Equal Employment Officer who will help the grievant to seek redress through the appropriate grievance procedure.

Admission - Undergraduate

Obtaining an Application for Admission; Application for Re-Entry

Undergraduate students interested in attending as first-time students or former students who have not been in attendance at the university during the most recent semester must apply at: www.fhsu.edu/admissions/admissions-application.

How to Apply for Admission - Students with a GED Certificate

Undergrad students who obtained their GED must apply at www.fhsu.edu/admissions/admissions-application.

How to Apply for Admission - Re-Entry Students

Are you returning to FHSU? Ready to finish that degree you started? All you have to do is fill out an re-entry application and you are on your way. We want to make your transition as smooth and painless as possible. If you previously attended FHSU and are returning after a semester or more off, you must submit an [application for readmission](#) before being able to register for your semester of choice.

How to Apply for Admission - Transfer Students

We are proud to welcome thousands of transfer students from all over the world each year, with a flexible, supportive process that's designed just for the answers you need and the opportunities you crave. And, your unique process isn't without options: some of our students transfer to Fort Hays State after completing just hours at their university or technical or community college, while others initiate transfer after they've completed their associate's degree. Are you a military-connected student? Visit our [Military-Connected Student Services](#) pages for more information.

Admission of High School Students

High school counselors use Kansas Course Codes to identify courses that fulfill Qualified Admissions curriculum requirements. A complete list of courses is available at the [Kansas Board of Regents website](#). Additionally, your counselor has a list of courses at your high school that fulfill these requirements.

One unit is equivalent to one year, or two semesters. Dual registration, concurrent registration, and online courses may be used to fulfill the Qualified Admissions curriculum requirements. All courses must appear on your high school transcript, and courses completed in middle school or junior high do not fulfill the Qualified Admissions Math requirements.

For further information visit: www.fhsu.edu/admissions/qualified-admissions-pre-college-curriculum/

Home Schooled Students

Complete coursework equivalent to the Kansas Qualified Admissions Pre-College Curriculum with a 2.0 GPA for Kansas residents/2.5 GPA for out-of-state residents **AND**

Meet one of the following test score requirements: - ACT composite score of 21 or above - SAT score 980 or above for tests taken before March 2016 or SAT score 1080 or above for tests taken March 2016 or after *If you register in college courses while in high school, you must achieve a 2.0 GPA or higher in those courses.

International Students

International Admissions is for applicants who are NOT citizens or permanent resident card holders of the United States.

COMPLETE the application type.

PAY a \$50 USD application fee at time of submission by credit card.

SUBMIT all required application documents. Application submission is only the first step in the application process.

MAIL/DELIVER official and original documents to Fort Hays State University. All documents become the property of Fort Hays State University. Documents will not be returned to the student.

International Student Transfer Authorization

Students who are currently attending a college or university in the United States must complete the International Student Release Authorization.

English Language Proficiency Requirements

International students must meet a minimum English proficiency language requirement before beginning academic coursework at Fort Hays State University.

For further information visit: <https://www.fhsu.edu/international/international-admissions/Language-Requirements/>.

Non-traditional Students Definition

Undergraduate students whose circumstances are described by one or more of the following categories are considered non-traditional: adults 24 years of age or older, veterans of the armed forces of the United States, married students, and students who have legal dependents.

Admission for Degree-Seeking Students

Individuals who desire to earn a baccalaureate or associate degree should apply for admission at <https://www.fhsu.edu/admissions> and pay the \$30 application fee to the Office of the Registrar and provide official transcripts from any colleges or universities previously attended.

Admission for Non-Degree-Seeking Students

Do you just enjoy taking classes without pursuing a degree from Fort Hays State University? If so, you can apply as a non-degree student. Non-degree seeking students are typically those taking a class for personal fulfillment, to satisfy degree requirements at another institution, to meet licensure requirements, for professional development and those pursuing certificates from FHSU.

Military-Connected Students

Fort Hays State University understands the needs and responsibilities of our men and women in uniform. The flexibility of our programs allows you to start or finish a degree program no matter where you are stationed or where you might be transferred. Not only does our affordable tuition rank us as one of the best investments in higher education, but we have also been consistently ranked as one of the best online options for military-connected students. For further information visit: <https://www.fhsu.edu/military/>

Classification for Fee Purposes

The Kansas Legislature and the Kansas Board of Regents determine the “residence classification for fee purposes” of students entering Fort Hays State University. The law and regulations are different than those that govern residency for any other purpose. The statutes and Board of Regents regulations may be obtained from the Office of the Registrar.

Credit by Examination - Advanced Placement Examinations (AP)

The university cooperates with high schools offering courses in the Advanced Placement Program of the College Entrance Examination Board. Students who have completed College Board Advanced Placement Tests should have a report of the scores sent to the Office of the Registrar. No credit is given for scores of 1 or 2. Scores of 5, 4, or 3 will be reviewed on an individual basis according to University AP/Credit Policy

Credit by Examination - Local Examinations

An enrolled student or prospective student who subsequently enrolls will be permitted to earn university credits or advanced standing by examination if the student appears to have unusual qualifications.

A prospective student or a regularly enrolled student of college rank who, because of maturity, wide reading, courses taken in non-accredited colleges, or other off-campus preparation, believes to have superior knowledge and knows the content of a given university course, may petition the appropriate department chair for an advanced standing examination. **No petition can be granted after the student has enrolled in, or taken for credit, or audited courses which in any degree duplicate the course sought or courses which may be considered in advance of the course requested without permission of the department chair.**

A grade of “CR” credit will be recorded on the transcript for an enrolled student who successfully completes an examination. An interested student should consult the department chair on eligibility and for more information.

Credit by Examination - College Level Examination Program (CLEP)

The College-Level Examination Program (CLEP) is a national credit-by-examination program that enables students to demonstrate a level of achievement and competency for the purpose of obtaining university credit. CLEP tests are designed to measure the extent of knowledge a student has already acquired and to reward it by awarding university credit. Students should contact the [Testing Services Office](#) for information on test appointments, requirements, and cost. The national [CLEP](#) Web site maintains comprehensive information on the CLEP testing program including [testing centers other than FHSU](#). A list of official CLEP policies at FHSU is available on the [CLEP Credit Policy Chart](#). Students considering the CLEP test and desiring a way to learn more about the subject may want to look at the materials produced at the materials produced by [modernstates.org](#). This resource provides access to sample classes, but the only way to receive college credit is to pass an accepted CLEP examination.

Modernstates.org may also provide funds for the test if you complete the study resource.

Credit by Examination – UExcel Proficiency Examinations

Credit by Examination - UExcel exams from Excelsior University (formerly ACT PEP and Regents College). Enrolled students may earn college credit through the UExcel exams from Excelsior University. A grade of CR (credit) will be recorded on the transcript for the successful completion of each examination. Credit will count toward fulfilling degree requirements. However, no credit will be awarded for an examination in a course that is a pre-requisite for a course previously passed. Students should consult the Office of the Registrar for specific information on test scores and how the successful completion of the examinations apply to their degree program. Visit the Credit for Prior Learning page online or contact Uexcel at (888) 647-2388 or testadmin@excelsior.edu. Uexcel exams from Excelsior University (formerly ACT PEP and Regents College). Registered students may attempt Excelsior

examinations. Excelsior transcripts should be sent to the Registrar’s Office and are processed as transfer hours. Students would need to discuss with the FHSU department offering the course if these transfer courses satisfy specific courses at FHSU. Excelsior University Exams (Nursing) are not accepted.

Military Service Credit

Enrolled students may earn college credit for educational experiences in the armed services. Credit is awarded based on the recommendations in the American Council on Education Guide to the Evaluation of Educational Experiences in the Armed Services.

It is suggested that veterans attach a copy of DD 214 form, AARTS, or SMART transcripts to the application for admission. Veterans may also wish to consult a transcript analyst in the Office of the Registrar to determine the appropriate military records required for an evaluation of the armed services experience. A grade of CR (Credit) will be recorded on the transcript for all approved credit. Credit will count toward fulfilling degree requirements. However, no credit will be awarded that is a pre-requisite for a course previously passed.

Credit by Examination - Specific Subject Examinations

Students enrolled in a regular semester or summer term may earn up to a maximum of 30 credit hours toward fulfilling degree requirements by successful completion of CLEP Subject Examinations. A grade of CR (Credit) will be recorded on the transcript for the successful completion of each examination. However, no credit will be awarded for subject exams which are pre-requisites for a course previously passed.

Undergraduate Degrees and General Education

Catalog Requirements for Undergraduate Degrees

Students have a maximum of six years to meet catalog requirements for graduation in effect at the university when they first entered any college or university. Requests for exceptions can be made in writing. They may also graduate under the requirements of any subsequent Fort Hays State University catalog.

An undergraduate student wishing to complete a minor following a bachelor's degree must do so within two years. The student must inform a degree analyst in the Registrar's Office of their intent to complete a minor for it to appear on their academic transcript.

Students may not, however, be allowed to graduate under the requirements of a Fort Hays State University catalog in effect earlier than two years preceding their enrollment at the university. If students have had their college program interrupted by more than two consecutive years, they will be subject to the requirements in effect when they re-enter, or, if they elect, the requirements of a later catalog.

Associate of General Studies

A student must have: (1) a degree summary showing completion of all degree requirements on file (2) completed at least 60 hours of credit with a minimum average grade index of 2.00 in all coursework; (3) a minimum grade average index of 2.00 in all coursework taken at Fort Hays State University; and (4) submitted the Application for Completion to the Office of the Registrar.

Associate of Science in Radiologic Technology

A student must have: (1) an academic program within the department; (2) completed at least 91 hours of credit as specified by the Department of Allied Health with a minimum average grade index of 2.00 in all course-work—44 credit hours of academic courses, 31 credit hours of professional courses, and 16 credit hours of clinical experience; and (3) a minimum grade average index of 2.00 in all

coursework taken at Fort Hays State University.

NOTE: If a student begins their program at Fort Hays State University as a freshman, these are the requirements for the degree.

A student must have: (1) an academic program within the department; (2) completed at least 92 hours of credit as specified by the Department of Allied Health with a minimum average grade index of 2.00 in all course-work—45 credit hours of academic courses, 31 credit hours of professional courses, and 16 credit hours of clinical experience; and (3) a minimum grade average index of 2.00 in all coursework taken at Fort Hays State University.

Baccalaureate Degrees

The Bachelor of Arts degree is offered in the following fields of study: art, art education, chemistry, communication (journalism, public relations), economics, English, geology, history, information networking and telecommunications, justice studies, mathematics, modern languages (French, German, and Spanish), music, organizational leadership philosophy, physics, political science, psychology, and sociology.

Except for international students whose native language is not English, ten hours of a single language are required for the B.A. degree. Credit may be received by examination for language competency obtained outside of a college, for example, high school language study. The various examination procedures are described in the catalog under advanced standing credit. Students may also obtain a maximum of ten credit hours through advanced standing placement as described under the Department of English and Modern Languages. Courses required for the foreign language component of the B.A. may not be taken for Pass/No Credit, or used to fulfill a humanity general education requirement.

International students whose native language is not English are allowed to count English as their language for the purpose of meeting the language requirement for the Bachelor of Arts degree. An international student who elects this option will be considered to have met this requirement either by **scoring 550 or above on the TOEFL examination on the paper based test**

version or 213 on the computer based version or by completing ENG 100 English for International Students with a letter grade of A or B.

The Bachelor of Science degree is offered in the following fields of study: biology, chemistry, general science, geology, mathematics, physical science, physics, and psychology.

The Bachelor of Science degree requires the completion of 50 credit hours in the sciences as specified by the respective department. A minimum of 30 credit hours shall be completed in one subject field and the remaining 20 credit hours shall be completed in one or more subject fields other than the major. (Students who complete a double major in two areas of the sciences need not take an additional 20 hours in the sciences to meet the requirement.)

The Bachelor of Science in applied fields is offered in agriculture (agriculture, agribusiness), business (business education), computer science, education (elementary education), geography, medical diagnostic imaging, technology studies, information networking and telecommunications, justice studies, health and human performance, sociology, speech-language pathology, and organizational leadership.

The Bachelor of Business Administration degree is offered in the fields of accounting, business communications, computer information systems, finance, management, marketing, and information systems administration.

The Bachelor of Fine Arts degree is offered in the field of art. The Department of Social Work offers the Bachelor of Social Work (B.S.W.) The Bachelor of Music degree is offered in music education and performance. The Bachelor of Science in Nursing is offered.

Bachelor's Degree

The requirements for the Bachelor of Arts, Bachelor of Science, Bachelor of Business Administration, Bachelor of Fine Arts, Bachelor of Music degrees, Bachelor of Science in Nursing, Bachelor of Social Work, and Bachelor of Science in applied fields are as follows: (1) completion of at least 120 hours of credit with a passing grade and a minimum grade average index of 2.00 in all coursework, unless the department specifies a higher grade index; (2) a minimum average grade index of 2.00 in all coursework taken at Fort Hays State

University; (3) completion of a major (with a minimum of 30 hours) as specified for the degree sought—with a minimum average grade index of 2.00 for all courses in the signed major, unless the department specifies a higher grade index; (4) completion of the general education program; (5) completion of at least 45 hours of credit in upper-division courses numbered 300 and above; and (6) a degree summary with the department.

Bachelor of General Studies (BGS)

The BGS degree requires 120 hours of credit, including the following components: (1) a minimum of 80 hours of coursework in the following liberal arts and sciences areas: art, biological sciences, chemistry, communication, economics, English, geosciences, history, informatics, interdisciplinary studies, justice studies, leadership studies, mathematics and computer science, modern languages, music, philosophy, physics, political science, psychology, and sociology and social work; (2) a minimum of 45 hours of upper-division coursework (numbered 300 and above at FHSU); (3) a maximum of 40 hours in one department; (4) six hours of English composition; (5) complete the University general education requirements; (6) a minimum grade index of 2.00 for all coursework and coursework at FHSU; (7) no modern language requirements; (8) a minimum of 30 hours of credit from FHSU; (9) a 21-hour individualized area of concentration; (10) a degree summary showing completion of all degree requirements and submission of the Application for Completion to the Office of the Registrar.

Residence Requirements

Residence is defined as “courses taken from Fort Hays State University either on campus or through the FHSU Online (off campus) taught face-to-face or mediated instruction.”

Associate degree

At least 15 semester hours of credit with a passing grade for the associate degree must be taken at the university.

Bachelor’s Degree

Forty-five semester hours of upper-division credit are required based on the

course number system of a baccalaureate degree-granting institution. At least 30 semester hours of credit with a passing letter grade of A, B, C, or D for a bachelor’s degree must be taken from Fort Hays State University (FHSU Online course work is acceptable). Pass/No credit or Credit (CR) does not count towards the 30 semester hours.

Exceptions to this requirement may be appealed by individual students or programs to the Academic Appeals Committee.

In the case of foreign institutions, approved partnership agreements which confirm the status of the foreign institution within its own recognized educational system (e.g. Ministry of Education, governmental authorizations, etc.) shall determine the equivalence to a US regionally accredited baccalaureate degree-granting institution

Correspondence Credit

Not more than 30 credit hours in any curriculum leading to a degree may be taken by correspondence.

General Education and Second Degrees

Associate Degree

A student desiring to earn a second associate degree must complete a minimum of 30 hours beyond requirements for the first associate degree. These must be organized according to a definite plan for an area of concentration distinct from that of the first associate degree. A degree summary with a specified area of concentration must be in the department/school prior to enrollment for the second associate degree.

Associate Degree for Students With an Earned Baccalaureate or Higher Degree

Students desiring to earn an associate degree must complete a minimum of 30 hours. These must be organized according to a definite plan for an area of concentration distinct from those of former degree(s). A degree summary with a specified area of concentration must be in the department/school prior to enrollment for the associate degree.

Bachelor’s Degree

Students desiring to earn a second bachelor’s degree must satisfy the catalog requirements for the major program of the second degree and achieve at least a minimum of 154 hours (30 hours beyond the minimum 120-credit-hour requirement for the first degree).

In the event the major for the second degree contains courses previously required in the major for the first degree, appropriate substitutions must be made in the second degree major to achieve a minimum total of 30 hours in the second degree major that are discrete from the courses in the first degree major. Students desiring to complete a second degree should file a degree summary and signed major in the Office of the Registrar prior to enrollment for the second degree. Students also have the option to work on two degrees simultaneously but must have degree summaries signed for both majors and degrees. Students with an earned baccalaureate degree from an institution not accredited by one of the regional accrediting agencies must also fulfill requirements of the Fort Hays State University general education program.

General Education

FHSU adheres to General Education requirements as outlined by KBOR—Kansas Board of Regents. General Education criteria are subject to change, based on KBOR policy.

Academic Information, A—through—Z

Academic Advising

The Academic Advising and Career Exploration Center (AACE) serves exploratory majors, non-degree seeking students, students looking to confirm their current major, and students who are on academic probation and academic suspension. The Center also supports professional academic advisors, faculty mentors and staff by providing academic and career advising resources.

The AACE Center can help you:

- Explore academic options to clearly define your educational goals
- Understand general education requirements
- Understand your academic standing and related university processes
- Understand university policies
- Locate appropriate resources for academic success

Academic Probation

Academic probation is a warning that a student is having difficulty in meeting academic requirements. A student is placed on academic probation when the cumulative grade point average is deficient based on their cumulative credit hours (see below).

<u>Cumulative Credit Hours</u>	<u>Cumulative GPA Requirement</u>
0-29	1.60 - 1.99
30-59	1.70 - 1.99
60-89	1.80 - 1.99
90 or more	1.90 - 1.99

The student may continue to register at FHSU while on probation but is being alerted to the danger of being suspended if academic performance does not improve.

Academic Suspension

A student is placed on academic suspension after more than one semester of university registration if the cumulative grade point average does not meet the minimum standard based on their cumulative credit hours (see below)

<u>Cumulative Credit GPA</u>	<u>Cumulative Requirement</u>
0-29	Below 1.60
30-59	Below 1.70
60-89	Below 1.80
90 or more	Below 1.86

Because academic suspension is based on cumulative grade point average, it is possible to be placed on academic suspension without ever having been on probation.

Reinstatement

Students suspended from the university for poor scholarship will be provided the right to appeal following their first academic suspension. Students will not be allowed an immediate appeal who have been suspended before. They will be re- quired to lay out for a period of at least one semester during which they should reconsider and re-evaluate their plans. Students enrolling at another school during their period of suspension from the university will be expected to meet university admission requirements in order to return to FHSU. An official transcript from other institutions must be sent to the [Office of the Registrar](#).

Each application will be considered on its own merits by the Academic Reinstatement Board. Reinstatement is not automatic.

If a student wishes to apply for reinstatement, an Application for Academic Reinstatement must be completed.

How to Add Courses

Log into your Workday account. Students are able to register for courses directly from an Academic Plan. In order to register from a plan, the student must have an active Academic Plan with listed courses. This is initiated by a student's academic advisor. If you do not have an Academic Plan, please contact your advisor.

Class Attendance, Absence Notices and Records, Absences of Students

The student is responsible for attending all classes on time, beginning with the first day of classes. If the student's participation in organized university activities should require missing a class or classes, it is the student's

responsibility to notify instructors in advance and arrange to make up missed work.

If the student misses classes due to illness, the student should seek treatment at the Student Health Center in order to facilitate early return to class. If the student is hospitalized, ill at their parental home, or has extenuating circumstances, the student should report this to the Student Health Center. A death in the immediate family should be reported to the Office of Student Affairs. However, it is the student's responsibility to see instructors and arrange to make up all missed work.

In special individual cases or situations, certain offices (Student Health, Registrar, Student Affairs, etc.) may inform instructors of extenuating circumstances, but these are not excuses. The student is still held responsible for the work missed during the absence. Whenever a student is absent from a class more than three times and the instructor does not know the cause, the student's name should be reported to the Vice President for Student Affairs. The vice president will then try to ascertain the reason for absence.

In addition, the faculty member has an obligation to impress upon students the importance of regular class attendance. Faculty members who make regular class attendance checks may inform the dean of the appropriate college of students' excessive absences. In such instances, students will be informed to either initiate an official withdrawal within the time frame for official withdrawal or make arrangements with the instructor to complete the course. If the student fails either to withdraw officially or to complete the course, the student will be assigned the grade of U at the end of the semester.

Auditor

An auditor is admitted to the university, registers in the course, and is permitted to participate in the course without receiving credit or a traditional grade. An auditor's university transcript includes a notation indicating the course was audited. An auditor can complete assignments, exams, etc., but they are not required to do so. Instructors may choose to grade any assignments, exams, etc., if completed by the auditor, but that is at the discretion of the instructor.

Auditors shall be required to pay regular tuition and fees per credit hour, except that auditors who are Kansas residents and 60 years of age or older shall be permitted to

audit eligible courses with no requirement for payment of regular tuition and fees in accordance with, and subject to, the Kansas Board of Regents policy on auditing undergraduate and graduate courses, which may be found in Chapter II, Section B.1 of the Board Policy Manual.

Subject to the terms herein, anyone may audit an eligible course at FHSU if space allows, but preference will be given to students taking the course for credit. Auditors must be admitted to the university (degree-seeking or non-degree-seeking student), and they are subject to all other university policies and procedures in accordance with their designation as degree-seeking or non-degree seeking. Permission to audit a course must be granted by the instructor and the relevant department chair. Registration status (for-credit, audit, etc.) may not change once selected. An auditor may be withdrawn from a course at the option of the instructor, subject to an ability to appeal the withdrawal within three (3) days to the relevant department chair, whose decision shall be final.

Certain courses are ineligible for auditing due to specialized settings, equipment, consumable materials, etc. (e.g., field trips, laboratory courses, cabinet construction, etc.) because they teach physical skills (e.g., swimming, golf, etc.), or because of program admission requirements. Course eligibility for auditing is a determination made at the discretion of the instructor in consultation with the department chair. (updated: January 2020).

Calculating and Removing Deficiencies from a C Average

The total number of credit hours attempted multiplied by two is the number of grade points needed for a C average (2.00). If accumulated grade points are less than this number, the difference is equal to the number of grade points that are deficient from a C average. The fastest and easiest way to remove this deficiency is by repeating courses in which a grade of less than C has been earned. Deficiencies from a C average can be removed by enrolling in new courses only if a grade of B or A is earned.

Candidates Eligible to Participate in Commencement

Candidates completing all degree requirements (associate, baccalaureate, and graduate degrees) during the summer or Fall semesters are eligible to participate in fall commencement. Candidates completing all degree requirements during the spring semester are eligible to participate in spring commencement.

Students with reasonable expectations to finish a degree during the summer term may participate in the spring commencement prior to completion. Summer graduates also have the option to attend the following fall commencement. However, all graduates are allowed only one opportunity to participate in one commencement.

Names will appear in the program for the ceremony in which the graduates are scheduled to participate. Undergraduate students present requests to the Registrar; graduate students present requests to the Dean of the Graduate School.

Classification of Students

Undergraduate Special: High school students; undergraduate students participating in special programs and required to enroll in special course offerings.

Freshman: 1–29 credit hours

Sophomore: 30-59 credit hours

Junior: 60-89 credit hours

Senior: 90 plus credit hours

Lower division (freshman-sophomore): Up to and including 50 percent completion toward a baccalaureate degree; 0-89 quarter hours or 0-59 semester hours.

Upper division (junior-senior): Over 50 percent completion toward a baccalaureate degree; over 89 quarter hours or over 59 semester hours.

Graduate I: A student who holds a baccalaureate degree and who has completed less than 45 quarter hours or less than 30 semester hours of graduate work.

Graduate II: A student who holds a baccalaureate degree, has completed 45 or more quarter hours or 30 or more semester hours of graduate work, and has been admitted to an advanced graduate program.

Major Program—A major is a planned arrangement of courses in a

given field leading toward a particular degree. A signed major consists of a minimum of 30 credit hours.

Minor Program—A planned minor is not required by the university. If a minor is included in a student's program, it consists of at least 20 hours of credit in a department other than the major and meets the requirements established by that department. General education courses taken for a student's minor program may also be counted toward that student's general education requirements.

Course Number and Levels

Course levels are identified by the first-digit catalog course number as shown below:

000-099 For undergraduate students: non-degree credit courses.

100-299 For freshman-sophomore students; undergraduate, lower-division courses.

300-499 For junior-senior students; undergraduate, upper-division courses.

600-699 For undergraduate, upper-division and Graduate I students. Graduate students registered in 600-G699G level courses will be expected to produce a greater quantity and quality of work that clearly demonstrates their master of the subject matter which surpasses that of undergraduates registered in the same course.

800-899 For Graduate I students; graduate credit only.

900-999 For Graduate II students; graduate credit only.

Graduate I: Courses and thesis for masters students who have accumulated less than 31 graduate hours.

Graduate II: Courses for specialist and doctoral students who have completed more than 30 graduate hours.

Dean's Honor Roll

All degree seeking undergraduate students are eligible for the Dean's Honor Roll distinction subject to enrollment and successful completion of 12 or more undergraduate credit hours (excluding pass/no credit hours and incompletes) with a GPA for that academic term of at least 3.60.

Degree-Granting Periods and Dates of Degrees Earned

There are three degree-granting periods: fall semester, spring semester, and summer term. The last day of the fall and spring semesters and summer term is the date recorded on diplomas and on the transcripts for all students fulfilling degree requirements within a degree-granting period. Diplomas are

mailed to students earning degrees after each semester or term.

Grades and Grade Points

An evaluation of a student's work is given in terms listed below. Final grades for a course will be recorded in letter grades.

A -- Superior Achievement: 4 grade points per credit.

B -- Good Achievement: 3 grade points per credit.

C -- Average Achievement: 2 grade points per credit.

D -- Minimum Passing

Achievement: 1 grade point per credit

U -- Unsatisfactory Achievement: 0 grade points per credit

I -- Incomplete: Assigned at discretion of instructor when work is of otherwise passing quality but incomplete, usually for reasons beyond the student's control.

W -- Withdraw

WP -- Withdraw Passing

WF -- Withdraw Failing

WC -- Withdraw

Cancellation P -- Pass

CR -- Credit

NC -- No Credit (not used in GPA)

Greek Houses

FHSU sororities and fraternities are located off campus and fall under the jurisdiction of the Hays City Police department. Student and student organization criminal activities are included in, but not limited to, the Hays Police Department's annual crime analysis report submitted to the Kansas Bureau of Investigation.

Honors at Graduation

There will be three levels of academic honors at graduation: cum laude, magna cum laude, and summa cum laude.

Cum laude is an achievement of a cumulative grade point average of 3.60 to 3.79 and 3.60 to 3.79 on Fort Hays State University coursework.

Magna Cum Laude is an achievement of a cumulative grade point average of 3.80 to 3.89 and 3.80 to 3.89 on Fort Hays State University coursework.

Summa Cum Laude is an achievement of a cumulative grade point average of 3.90 or above and 3.90 or above on Fort Hays State University coursework.

Bachelor's degree candidates who are earning graduation honors from Fort Hays State University wear a black-and-gold honor cord as part of their commencement regalia gown.

Honors are awarded based on both the candidate's cumulative and Fort Hays State University grade point average (GPA). Eligible students must have attended and completed at least 30 credit hours from Fort Hays State University.

While honors will be listed in the commencement program for those who may reasonably anticipate them, the listing in the program is not a guarantee of receiving honors.

The listing and reading of honors for degree candidates are based on the grade indexes achieved at the beginning of the student's final semester. The official honor awarded based on final grade indexes will be noted on the student's diploma and transcript. There are no honors distinctions for Master's, Ed.S. or Doctoral degrees.

Hour of Credit

Fort Hays State University recognizes the need to formalize the most basic of definitions for our instructional activities – the credit hour. It is the expectation that all credit awarded for academic work be based on the following definition of credit hour.

A "credit hour" is a reasonable approximation of the student learning outcome equivalency of, at a minimum, a Carnegie student credit hour. The quantity of student learning required per credit is the equivalent of at least 45 hours through activities that address and demonstrate student competency in the defined learning outcomes. Student learning outcomes equivalencies reflect differences in delivery methods, quality of instruction and interaction, degree of supervision, measurements of student work, academic disciplines, academic calendars, and course level and type. NOTE: A Carnegie student credit hour unit equates roughly to contact hours plus study hours at the ratio of 2 study hours to 1 contact hour.

Improving a Grade

A student may attempt to improve a grade in any course by enrolling and

completing the course again. All grades will remain on the student's transcript and the grade for the last enrollment in the course will be used in determining grade points and meeting degree requirements.

The grade in the course being repeated will also contain a notation RP (Repeated) on the transcript. A student who has an earned bachelor's degree may not repeat courses to improve the undergraduate degree grade point average once they have graduated. Although a course may be repeated to improve cumulative grade point average, the grade in the course being repeated will contain a notation RPD (Repeat of Course in Earned Degree Program).

Non-Degree Credit and Students

Non-degree credit hours (FHSU courses numbered 000-099) are **not** allowed to count toward an FHSU undergraduate degree. An individual having a particular interest in university courses, but who does not wish to work toward a degree or any other organized program, may be permitted to pursue such courses.

Official Enrollment

The transcript is a record of the student's official enrollment. Enrollment is when approved classes are permanently secured by completing the Enrollment/ Payment tab on Workday.

Participation in Assessment Activities

Fort Hays State University is committed to the use of various kinds of assessment activities as a way of creating or acquiring information about student and faculty progress toward educational goals and the effectiveness of institutional policies and practices. In order to make necessary adjustments in the learning environment which will be effective in developing the talents of students and faculty to the fullest extent possible, assessment activities are conducted on a university-wide basis.

It is the responsibility of students to participate in any and all forms of assessment activity. The knowledge derived from student participation in assessment programming will help faculty and administrators make better choices about how to optimize the impact of the institution's learning environment, processes, and management practices.

Removing an Incomplete

The instructor will determine the conditions to be met for removal of an incomplete (I) for undergraduate courses. These conditions will specify the work to be completed and the time allotted for its completion; however, effective Spring 2020, the maximum length of time for fulfillment of requirements to remove an incomplete grade shall be two years or two years after release from active duty for those students who are members of activated military reserve units.

If the work is not completed within this time, the incomplete will revert to a grade of "NC" (or a grade of "U" if taken Fall Semester 1997 through Summer Term 2001). Prior to this issuance of an "NC," a student may request additional time by submitting a written petition to the Registrar. This additional extension will also require the approval of the instructor or, in the absence of the instructor, the department chair. If the student does not receive an extension, the incomplete grade will revert to a grade of "NC" (or a grade of "U" if taken Fall Semester 1997 through Summer Term 2001). Once an "NC" grade has been issued, a student may improve that grade by using the procedure for Improving a Grade.

This rule with regard to time limit shall not apply to students admitted to the Graduate School for graduate credit in courses centered on individual study such as theses, problems, readings, research, seminars, practicum, and independent study (or any other arranged courses). It will apply to all other courses in the Graduate School in which class work is ordinarily completed in the process of the regular semester. However, incompletes will not revert to an "NC" for courses for graduate credit that are not completed within two years and will remain permanently incomplete after two years.

Transcript Fees and Associated Faxing/Mailing Costs

Currently registered student

No charge for first three each registered semester.

Non-registered student or currently registered student (fourth or subsequent transcript)

\$5 per transcript

For delivery options and additional fees please visit: www.fhsu.edu/registrar/transcripts/

Transcript Requests

A transcript is a certified, official copy of your permanent academic record. In accordance with the Public Information Act and Family Educational Rights and Privacy Act (FERPA) of 1974, as amended, student academic records are classified as confidential and may be released only with the student's written authorization and signature. NO ONE ELSE (including your spouse, parents, etc.) can request your transcript, as your written permission is required by law. See the Registrar's Office webpage for specific instructions at www.fhsu.edu/registrar/transcripts.

Undergraduate Student Grade Appeals

Membership in the FHSU learning community imposes upon the student a variety of commitments, obligations, and responsibilities (e.g., preparation for class, attendance, completion of reading assignments, participation in the governance of student affairs, etc.).

One of these responsibilities includes the appropriate and prescribed use of the grade appeals process. Students are expected to first avail themselves of the university's established tradition of informal appeals which may involve one or more consultations with the instructor(s) involved.

The reciprocal obligations which bind the members of the university learning community to one another require that all grade disputes must be initially addressed and discussed at this level.

Failure to recognize this obligation to the instructor(s) on the part of the student must bring into question the appellant's commitment to the learning community and seriously prejudice further petitions for a resolution of the problem.

If a grade dispute is not informally resolved at this level through consultation with the instructor, the department chair, or the college dean, the student is obliged to consult next with the appropriate department chair who will inform the student in writing of formal departmental appeal procedures and the student's entitlement to formal university-level appeals procedures and options.

How to Withdraw Courses Sign into Workday using your TigerNetID username and password. Students are

able to remove courses directly from an Academic Plan. In order to remove courses from a plan, the student must have an active Academic Plan with listed courses. This is initiated by a student's academic advisor. If you do not have an Academic Plan, please contact your advisor.

For refund information or drop deadlines refer to the [Academic Calendar](#).

It is important to check with the office of Financial Assistance prior to dropping or withdrawing from a course to verify how it will affect your Financial Aid status.

Withholding Records (transcripts; registration)

In the case of a student who is delinquent in an account to the university, e.g., unpaid traffic or parking violations, library fines, etc., or has had official disciplinary action taken, the appropriate university official may request that the student's record not be released. The effect of this action is that transcripts are not released and registration forms are withheld.

To rescind the action, the Office of the Registrar must receive authorization from the official who originally requested the action indicating that the student met the obligation. However, a student for whom there is a transcript "hold" will not be prevented from visually reviewing the transcript in the Office of the Registrar.

Withdrawing from the University

Students who desire to totally withdraw from all semester or term courses should review the "Withdrawal Policy Statement" and follow procedures for course withdrawal. Students who leave the university without officially withdrawing are considered to be enrolled to the end of the semester and subject to a grade of unsatisfactory "U." Financial aid recipients who totally withdraw may be responsible for federal repayment of aid based on the last date of attendance and/or academic participation.

UNIV 101 Freshman Seminar

All first-time full-time freshmen entering the university within one year of matriculating from high school are required to register in UNIV 101 Freshman Seminar. UNIV 101 Freshman Seminar does not fulfill any degree program academic requirements, but may be used as a free elective course to fulfill the total credit hour requirement for graduation.

Academic Policies, A—through—Z

Academic Clemency

An undergraduate student returning to FHSU after a minimum separation from all institutions of higher education of two calendar years may petition to remove one or two academic terms (at the discretion of the student) of FHSU credit hours and corresponding grades from the student's official transcript record. Only FHSU credit hours and coursework taken prior to the two-year separation may be petitioned.

If two enrolled semesters are appealed, then such terms must be consecutive enrollments as follows: (1) consecutive fall-spring terms, (2) consecutive spring-summer terms, (3) consecutive spring-fall terms (if not enrolled in the intervening summer term), or (4) consecutive summer-fall terms.

The petition may be filed after the student has completed a minimum of 24 semester credit hours with a grade point average of 2.50 or better on all courses completed following re-enrollment at FHSU. The student may appeal only once. All approved appealed course numbers and names would remain on the student's transcript with the appealed grades and credit hours removed. The notation "Academic Clemency Granted," would be entered on the transcript in lieu of the appealed grades and credit hours.

The approved appealed course grades and credit hours would not be included in any subsequent calculation of the student's overall grade point average. This policy is not applicable to any credit hours previously earned in any associate or baccalaureate degree program. For further information, contact the Office of the Registrar.

Academic Honesty

Membership in the FHSU learning community imposes upon the student a variety of commitments, obligations and responsibilities. It is the policy of FHSU to impose sanctions on students who misrepresent their academic work. These sanctions will be selected by appropriate classroom instructors or other designated persons consistent with the seriousness of the violation and related considerations.

Examples of academic dishonesty include but are not limited to: (1) Plagiarism, taking someone else's intellectual work and presenting it as one's own (which covers published and unpublished sources). Using another's term paper as one's own; handing in a paper purchased from an individual or agency; submitting papers from living group, club or organization files; or using another's computer program or document are all examples of plagiarism. Standards of attribution and acknowledgment of literary indebtedness are set by each discipline.

Faculty are encouraged to include disciplinary or class-specific definitions in course syllabi. Students should consult with their department or with recognized handbooks in their field if in doubt. (2) Cheating is unacceptable in any form. Examples include consultation of books, library materials or notes during tests without the instructor's permission; use of crib sheets or hidden notes; intentional observation of another student's test; receipt of a copy of an exam or questions or answers from an exam to be given or in progress; substitution of another person for the student on an exam or another graded activity; deliberate falsification of lab results; submission of falsified data; alteration of exams or other academic exercises; and collaboration on projects where collaboration is forbidden. (3) Falsification, forgery or alteration of any documents pertaining to assignments and examinations. (4) Students who (cooperate or in other ways promote) participate in promoting cheating or plagiarism by others (or who take credit for the work of others) will also be in violation of this policy.

Students participating in any violation of this policy must accept the consequences of their actions. Classroom instructors and/or university review/ appeals committees and administrators will assess the sanctions for violation of this policy. The seriousness of the violation will dictate the severity of the sanction imposed.

Academic sanctions may include but not be limited to any of the following: (a) verbal or written warning; (b) lowering of grade for assignment/activity; (c) lowering of term grade; (d) failure of class assignment. Administrative sanctions may include but not be limited to either of the following: (a) suspension from the University; (b) dismissal from the University.

Academic Honesty Procedures

The University guarantees students the provision of due process. Students are first expected, however, to avail themselves of the University's established tradition of informal appeal. Steps 1-4 describe the informal process. Steps 5-7 describe the procedures designed to implement a formal appeal at the graduate/undergraduate levels.

Step 1: The faculty member decides whether or not a violation of the Academic Honesty Policy has occurred.

Step 2: The faculty member informs the student and the department chair that an alleged violation of the Academic Honesty Policy has occurred. It is the faculty member's obligation to select or devise an academic sanction consistent with the severity of the violation.

Step 3: The faculty member informs the student of the academic sanction and the process of appeal. If the sanction involves a lowering of a term grade, the faculty member informs the registrar of the change.

Step 4: If the student disagrees with the faculty member's allegation and/or recommended sanction, the student pursues the University's longstanding tradition of informal appeal by consulting with the faculty member, and, if the student still disagrees, by appealing to the department chair.

Step 5: If after the informal appeal, the student still disagrees with the faculty member's allegation or recommended sanction, the student may appeal in writing to the academic department no later than the end of the first week of the following semester. The department chair will provide the student with formal (a) departmental appeal procedures for undergraduates and special students or (b) departmental graduate appeal procedures for graduate students. (See specific written departmental appeal process.)

Step 6: Graduate students: If a graduate student disagrees with the allegation(s) or recommended sanction in the informal procedure, the graduate student may formally appeal through the Graduate School's graduate student appeals procedures. The formal graduate student appeal procedure begins with a written appeal to the department chair no later than the first week of the following semester. The written appeal should state the specific reasons for the formal appeal to the department.

Undergraduate/special students: If the student is an undergraduate or special student and disagrees with the departmental allegation or recommended sanction, the

student may appeal in writing to the provost no later than 15 working days following the decision.

Step 7: For undergraduate and special students, an administrative hearing panel will be formed by the provost to hear the undergraduate or special student appeal. The administrative hearing panel will consist of an academic administrator, assistant vice president for student affairs (assigned to work with student judicial affairs), four faculty members, and a student. The administrative hearing panel procedures for undergraduate and special students are available in the Office of the Provost.

Academic Probation and Suspension

Students are expected to perform at a level which will lead to graduation. A minimum of a C average (2.00) is required for graduation, although specific fields may require more than the minimum (for example, elementary and secondary education). If grades reflect that students are not making progress towards a degree, they are placed on academic probation or academic suspension.

Copyrightable Software

The rights to copyrightable software with an actual or projected market value in excess of \$10,000 annually, except software included in mediated courseware, shall be determined pursuant to the Board's Patent and Copyrightable Software Policy.

Continuous Registration in English Composition

Effective Fall 2020, all first-time full-time freshman students must register in ENG 101 or ENG 102 until they have successfully completed these courses.

Discipline Procedures

The disciplinary process at FHSU strives to provide students with positive reinforcement for living within the guidelines for acceptable behavior. The standards of behavior are set forth in the Student Code of Conduct. The intent is to make discipline educational and not punitive.

The encouragement and development of self-discipline is a primary goal of the educational process. The judicial system established hereby is designed to further this process and, therefore, is not comparable to or a substitute for jurisprudence under the criminal code. Only under extreme circumstances will the process be viewed as a method of

terminating the student's relationship with FHSU.

Students facing possible disciplinary actions are assured that due process will be provided. This means they are told how the disciplinary process of the university functions, they will be made aware of the conduct alleged to have been in violation, they will have the opportunity to defend themselves by having witnesses appear on their behalf, they may have an advisor help them, and they may appeal the decision. Appealing a disciplinary action must be done within a defined span of time, but usually the disciplinary action will not go into effect until the appeal is heard.

The exception to this practice occurs only when delaying action until after an appeal would significantly compromise the safety and wellbeing of the university community.

Procedurally, discipline is handled as close to the level of the problem as is possible and reasonable. In other words, residence hall behavior concerns are normally handled by the Residence Hall staff and/or Residence Hall Judicial Boards; Greek conduct questions are handled by the chapter of which the accused is a member, Interfraternity Council, Panhellenic Council, Greek Standards Review Board, etc. Local law enforcement authorities generally handle off-campus law violations.

The university reserves the right to make a case-by-case determination as to whether some conduct which occurs off the premises of the university may be addressed under this policy.

The Office of Student Affairs normally handles violations of the Student Code of Conduct that do not fall under the jurisdiction of the judicial bodies listed above. This office also serves as the appellate body for Residence Hall Boards and the Greek Standards Review Board. The Assistant Vice President for Student Affairs is responsible for the coordination of administrative judicial programs and proceedings as later described.

In extraordinary circumstances having a detrimental impact on the university community, the Vice President for Student Affairs or designee may determine that summary administrative suspension or dismissal is appropriate. If such a determination is made, the student will be so informed and provided with the opportunity to meet

with the Vice President or designee. After investigation and consideration of information presented by the student, if any, the vice president or designee will decide whether a sanction is warranted. This decision can be appealed to the President or his or her designee, whose decision will be final.

1. Reporting Violations Incident reports describing the alleged violation will be sent to the Assistant Vice President for Student Affairs, a designee of the Vice President for Student Affairs. (The Assistant Vice President is hereafter known as the Administrative Officer). The Administrative Officer will review and investigate the complaint in order to make a determination concerning whether the university will charge the student(s) with a Code of Conduct violation.

2. Student Conference If a student is charged with a Code of Conduct violation, he or she will be sent a notice (or called when necessary) to report to the Administrative Officer in order to discuss the charge and the disciplinary procedures. If the Administrative Officer and the charged student can agree upon the facts and sanctions concerning the charges, the matter will be considered initially settled. The matter will be considered resolved once the terms of the sanctions have been completed. The terms of the sanctions may range from dropping all charges to suspension (see Sanctions on the following page). The Administrative Officer will follow up the student conference with a letter to the student. In all cases where the facts and sanctions concerning the charges cannot be agreed upon, the Administrative Officer will determine whether the student(s) facing possible disciplinary action will have their case heard by a Student Hearing Panel or an Administrative Hearing.

3. Reporting Violations

a. Student Hearing Panel

The Administrative Officer will assemble the Student Hearing Panel, which consists of five students and a panel chair. A committee comprised of representatives from the Office of Student Affairs and the Student Faculty Court selects members of the Hearing Panel and the chair at the beginning of the fall semester. The Administrative Officer will serve as an advisor to the panel. The hearing will consist of the following procedures:

(1) The hearing will be closed, and all proceedings will be confidential. An exception will be allowed if both the charged student and the complainant agree to an open hearing.

(2) The student charged may bring an advisor or legal counsel for assistance but must speak for himself or herself. The role

of the advisor or legal counsel will be restricted solely to advising the student.

(3) The complainant and the charged student will have the opportunity to call and examine witnesses and to present and question other evidence. The student is responsible for having his or her witnesses at the hearing. The university can assist in obtaining the attendance of students and university personnel.

(4) The panel chair will exercise control over the hearing. Rules of evidence as used in courts will not be applied in this type of hearing. Any person who disrupts the hearing may be asked to leave the hearing. Repetitious or irrelevant evidence may be excluded.

(5) The standard of proof that will be used is the preponderance of evidence standard. In other words, a student will be found in violation of the Code of Conduct only when the evidence demonstrates it is more likely than not that the student committed the violation.

(6) The Student Hearing Panel will deliberate in closed session in order to render a decision.

(7) Witnesses (other than the accused) will be present only during the time they are testifying.

(8) The panel chair will be responsible for rendering the decision in writing to the accused student. The decision shall include a summary of the findings and the sanctions imposed.

(9) The decision of the Student Hearing Panel shall be final unless the student files an appeal as provided in this handbook.

Administrative Hearing

The Administrative Officer will be the hearing official and may invite student(s), faculty, staff or other experts whose knowledge may be beneficial to serve as the hearing panel. The hearing will consist of the following procedures:

(1) The hearing will be closed, and all proceedings will be confidential. An exception will be allowed if both the charged student and the complainant agree to an open hearing.

(2) The student charged may bring an advisor or legal counsel for assistance but must speak for himself or herself. The role of the advisor or legal counsel will be restricted solely to advising the student.

(3) The university and the charged student will have the opportunity to call and examine witnesses and to present and question other evidence. The student is responsible for having his or her witnesses at the hearing. The university can assist in

obtaining the attendance of students and university personnel.

(4) The hearing official will exercise control over the hearing. Rules of evidence as used in courts will not be applied in this type of hearing. Any person who disrupts the hearing may be asked to leave the hearing. Repetitious or irrelevant evidence may be excluded. Witnesses (other than the accused) will be present only during the time they are addressing the panel.

(5) The standard of proof that will be used is the preponderance of evidence standard. In other words, a student will be found in violation of the Code of Conduct only when the evidence demonstrates that it is more likely than not that the student committed the violation.

(6) The hearing official panel will deliberate in closed session in order to render a decision.

(7) The hearing official will be responsible for rendering a decision in writing to the accused student. The decision shall include a summary of the findings and the sanctions imposed.

(8) The decision of the hearing official shall be final unless the student files an appeal as provided below.

4. Appealing a Decision

An administrative action of a decision of an Administrative/Student Panel Hearing may be appealed to the Student/ Faculty Court by delivering a letter of appeal to the designated representative of the court within the time period specified in the decision (no less than five class days). The procedures of the Student/ Faculty Court are available on request from the Student Government Office in the Memorial Union.

The decision of the Student/Faculty Court is final unless the student files an appeal to the President of FHSU. The procedures for filing an appeal with the President are available upon request.

Enrollment of More than 21 Credit Hours

Students may be allowed to take in excess of 21 credit hours in a semester only by recommendation of the advisor and approval of the appropriate college dean.

Ethical Use of Computing Resources Policy

Introduction

Fort Hays State University (FHSU) provides computing resources and world- wide network access to its faculty, staff, and students for

legitimate administrative, educational, and research efforts. As a member of the FHSU electronic community it is your responsibility to use computing resources ethically and responsibly. Members of the FHSU electronic community are expected to exercise reasonable care in the utilization of FHSU information systems or their components.

Privacy

There are limitations on the amount of privacy that can be expected for individuals utilizing computer resources. Complaints or exceptional circumstances may result in investigation. The Electronic Communications Act of 1986 provides no protection for employees using company online systems.

Users should exercise extreme caution in using e-mail to communicate confidential or sensitive matters, and should not assume that e-mail is private and confidential. It is especially important that users are careful to send messages only to the intended recipient(s). Particular care should be taken when using the "reply" command during e-mail correspondence.

Because the contents of such e-mail are subject to laws governing public records, Users will need to exercise judgment in sending content that may be deemed confidential. Furthermore, e-mail transmissions may not be secure, and contents that are expected to remain confidential should not be communicated via e-mail. Common examples of confidential contents include: student grades, personnel records, individual donor gift records, and data subject to the Health Insurance Portability and Accountability Act of 1996 (HIPAA), Family Educational Rights and Privacy Act (FERPA) regulations, and the Gramm Leach Bliley Act (GLBA).

Responsibilities

In making appropriate use of the FHSU computing resources, users must accept the responsibility for their behavior and: Protect their user IDs and passwords from unauthorized use, recognizing that individuals are responsible for all activities on their user IDs. Access only files and data that they own, they have been given authorization for, or that are publicly available. Use only legal versions of copyrighted software in compliance with vendor license requirements. Be considerate in their use of shared resources. Refrain from monopolizing systems, overloading networks with excessive data (spamming),

and wasting computer time, connect time, disk space, printer paper and toner, and other computing resources. Be cautious about e-mail messages because the information is public and may be retrieved and used in a court of law. Comply in all respects with any request by the University to retain certain information, recognizing that information stored on the University's network is ultimately the responsibility of the University.

Individuals Will Not.....

Use of FHSU computing resources is conditioned upon compliance with this and other university policies and all applicable laws. Though not exhaustive, the following list is provided to emphasize that these activities are NOT allowed on FHSU networks or computer systems:

- Accessing another person's files or data without permission.
- Storing non-public FHSU data anywhere except FHSU file servers or FHSU-provided OneDrive for Business.
- Attempting to circumvent or subvert any system's security measures.
- Running or otherwise configuring software or hardware to intentionally allow access by unauthorized users.
- Disrupting services, damaging files, or intentionally damaging or destroying equipment, software, or data belonging to FHSU or other System Users.
- Making or using illegal copies of copyrighted software or other copyrighted materials (such as digitized artistic productions and music or video files), storing such copies on FHSU systems, or transmitting them over FHSU networks.
- Using e-mail or message services to harass, intimidate, or threaten another person, or conduct unlawful discrimination.
- Disclosing your passwords or using another person's user account or passwords.
- Using FHSU systems for commercial use, such as performing work for profit or advertising in a manner not authorized by FHSU.
- Posting web pages that contain material that is illegal or promotes illegal activity (e.g., gambling or child pornography) or otherwise constitutes incitement.
- Masking the identity of an account or machine. This includes sending e-mail that appears to come from someone else

or impersonating a University office, faculty/staff member, or student.

- Violating any FHSU or Kansas Board of Regents policy or any local, state, or federal law.

Use of E-mail for FHSU business

The official Fort Hays State University e-mail account is the only electronic mail platform for communicating university business. Official e-mail communications are intended only to meet the academic and administrative needs of the campus community. All electronic notifications from the university are transmitted through this e-mail account and are not forwarded to other non-FHSU e-mail accounts. Users are expected to read, and shall be presumed to have received and read, all FHSU e-mail messages sent to their official FHSU email accounts. The university expects such communications will be received and read in a timely fashion.

Assignment of Student E-mail

Official university e-mail accounts are available for all enrolled students. The addresses are all in the form [Name]@e-mail.fhsu.edu.] These accounts must be activated before the university can correspond with its students using the official e-mail accounts. An account Web site available through the Workday portal has been designed for this purpose. Students' official e-mail addresses will be included in directory information. As with other directory information, any student may request that access to his or her official e-mail address be restricted.

Expectations about Student use of E-mail

Students are expected to check their e-mail on a frequent and consistent basis to stay current with FHSU related communications. Students have the responsibility to recognize that certain communications may be time critical. Failure to check e-mail, error in forwarding mail, or e-mail returned to the university with *Mailbox Full* or *User Unknown* are not acceptable excuses for missing official university communications by e-mail.

Educational uses of E-mail

Faculty will determine how electronic forms of communication such as electronic mail will be used in their classes, and will specify their requirements in the course syllabus. This will ensure that all students will be able to comply with e-mail

based course requirements specified by faculty. Faculty can therefore make the assumption that students' official FHSU accounts are being accessed.

Redirecting of E-mail

If a student wishes to have e-mail redirected from their official FHSU address to another e-mail address such as @aol.com, @hotmail.com or an address on a departmental server, they may do so, but at their own risk. FHSU will not be responsible for the handling of e-mail by outside vendors or by departmental servers. Having e-mail redirected does not absolve a student from the responsibilities associated with official communication sent to his or her FHSU account.

Authentication for Confidential Information

It is a violation of FHSU policies for any user of official e-mail addresses to impersonate a university office, faculty/staff member or student. To minimize this risk, some confidential information may be made available only through the password-protected Workday portal. In these cases, students will receive e-mail correspondence directing them to the appropriate Workday portal link, where they can access the confidential information only by supplying their student ID and personal identification number (PIN). The confidential information will not be available in the e-mail message.

Consequences of Misuse

Misuse of FHSU computing resources is unacceptable, and users will be held accountable for their conduct. The staff of the Office of Technology Services handles student infractions in an informal manner. Those that cannot be resolved in an informal manner will be referred to the Office of Student Affairs for disciplinary processing. Furthermore, student infractions that are considered serious in nature may be reported directly to the Office of Student Affairs. Students found to have committed infractions of this policy may lose FHSU computing privileges, and additional sanctions may be imposed.

General Copyright Policy

The ownership of the various rights associated with copyright are dependent upon the specific type of intellectual property. The institutions shall assert limited ownership of some of the various rights as set forth below.

Since the Board has a fiduciary responsibility for the appropriate use of state funds, unless otherwise provided for under this policy, all rights associated with works produced as “work-for-hire” or other works that make “substantial use” of institutional resources belong to the institution. “Substantial use” means that the creator receives more than normal support for the project or receives time and/or resources specifically dedicated to the project.

Grade Reporting

On-campus and online mid-semester grades are available on Workday.

Final grade reports are available on Workday on the FHSU website.

Effective Fall 2022, all 16 week on-campus and FHSU Online courses are required to have interim (mid-term) grades submitted. Interim and final grades are available through Workday.

Intellectual Property Policy

The purpose of the Kansas Board of Regents Intellectual Property Policy is to foster the creation and dissemination of knowledge and to provide certainty in individual and institutional rights associated with ownership and with the distribution of benefits that may be derived from the creation of intellectual property.

The policy is intended to be a broad statement to provide uniformity among the institutions while allowing for institutional flexibility.

The policy applies to all full or part-time employees, including students, creating intellectual property related to the scope of their employment while under contract with a Regents institution. When revenues are to be shared, the creator(s) shall obtain their share only after the institution has recouped any direct costs borne by the institution for equipment and materials and costs paid to third parties.

The portion of the revenues to be shared among multiple creators shall be shared equally unless otherwise agreed in writing by the creators. Institutions shall develop written policies and procedures consistent with this Intellectual Property Policy.

Licensing Program

Fort Hays State University operates a licensing program to provide legal protection for its identity marks. To protect the university's image, and to protect the

university from liability, Fort Hays State University has implemented a program that establishes ownership and regulates the use of its name and other identity marks.

Students and student organizations receive special treatment in regard to the use of FHSU's protected identity marks. They are, however, subject to the university's identity standards. See www.fhsu.edu/ is.

All must contact the Office of University Marketing, Hammond Hall, for prior approval before producing or commissioning any products.

Although the university once charged royalty fees for the use of its protected identity marks on commercial products, all royalty fees have been discontinued in order to encourage wide dissemination of our image. However, all businesses are required to become licensed by submitting an agreement and paying an annual \$50 fee, acknowledging FHSU's ownership of its marks.

All uses of the university's protected identity marks must be presented to the Office of University Marketing for approval prior to manufacture. This approval is required for all uses, commercial or otherwise, including for students and student organizations. Contact the Office of University Marketing at 4521 for further information about the FHSU licensing program.

Pass/No Credit Policy

The purpose of the Pass/No Credit (P/NC) is twofold: 1) to encourage students to select courses outside their major areas of study, with the purpose of broadening their educational experience without the fear of poor performance, therefore jeopardizing their grade point average; 2) to allow departments to utilize the P/NC option for certain courses that, because of their structure, do not lend themselves to traditional/consistent grading procedures.

Application:

(1) Any individual may register in a class for P/NC.

(2) Undergraduate students may be allowed to apply a maximum of 24 P/NC hours, excluding HHP credit, toward their degree.

(3) The courses the student elects to meet general education requirements, courses used in fulfillment of a major program (including cognates) except as noted in the final bullet below, the language component for the B.A., and

courses required in a student's minor may not be taken for P/NC.

(4) After a student has enrolled in a course under the P/NC option, that individual may not subsequently change to a graded basis in that course, nor can the student who has enrolled for a grade subsequently change to a P/NC option.

(5) The student must declare P/NC for each course taken P/NC at the time of pre-registration.

(6) It is the prerogative of the instructor to determine what constitutes a particular letter grade. The instructor will report a letter grade on the grade roster for the student at the end of the semester. The letter grade will convert to a P (Pass) or NC (No Credit). A grade of D or above will be converted to a grade of P; a grade of U will be converted to NC. The P or NC grade will be recorded on the student's transcript.

(7) Under P/NC a grade of P is not used in computation of the student's GPA.

(8) No College of Education graduate course other than graduate-level Early Field Experience may be taken P/NC and count toward Teacher Certification and Endorsement.

(9) Departments shall have the option to designate certain courses within their programs as P/NC. Examples of such courses might include: Internships, Readings, Topics, Practica, Seminars, etc.

Transfer of Pass/No Credit Grades

All appropriately transferable credits* in which a grade of "P" has been earned and which come from an institution or a degree program utilizing only P/NC or P/F grading may be used to satisfy General Education requirements and the language requirement for the Bachelor of Arts degree.

All appropriately transferable credits in which a grade of "P" has been earned and which come from an institution or a degree program utilizing only P/NC or P/F grading may be used to satisfy major or minor requirements. If all specified course requirements for the degree are fulfilled through the use of courses with a grade of "P," the university will regard the minimum average grade index requirement as having been fulfilled.

At least 30 semester hours of credit with a passing letter grade of A, B, C, or D for a bachelor's degree must be taken from Fort Hays State University. Pass ("P") or Credit {"CR") does not count towards the 30 semester hours."

** Appropriately transferable credits assume that an institution is accredited by a regional organization and that the class can be articulated to a comparable FHSU class.*

Patent and Copyrightable Software Policy

Patents obtained on inventions resulting from institutionally sponsored research or the ownership of copyrightable software with an actual or projected market value in excess of \$10,000 annually shall be retained by the institution or may be assigned to an organization (hereinafter called the Organization) independent of the institution and created for the purpose of obtaining patents on inventions, receiving gifts, administering or disposing of such patents, and promoting research and the development of intellectual property at the institution by every proper means. The following regulations shall be followed with respect to inventions or software:

(1) Anyone who conceives an invention resulting from a research project sponsored by the institution or who develops copyrightable software that is not included in mediated courseware shall report the matter to the appropriate research administrator at the institution, who will recommend whether or not to forward it to the Organization.

(2) If the institution or the Organization decides that the invention does not warrant patenting, the inventor is free to patent it. In such a case, however, the institution does not relinquish its right to publish any of the data obtained in the research project. If the institution or the Organization decides not to further the use of the copyrightable software, it shall assign the rights therein to the creator(s).

(3) When any revenue is obtained by or on behalf of the institution from the development or assignment of any patent or from royalties, license fees or other charges based on any patent or copyrightable software, not less than twenty-five (25) percent of revenues shall be paid to the inventor(s) or creator(s). Revenue sharing shall begin only after the institution recoups costs as set forth in this policy.

(4) The remainder of any revenue mentioned in Paragraph 3 shall be used to sponsor further research and research-related activities in the institution. The institution may agree that the Organization may retain a portion of the funds.

(5) In the case of cooperative research sponsored in part by an outside corporation or individual, a written contract shall be made between the institution and

the cooperating agency. This contract should include a statement of policy substantially equivalent to that outlined below:

“It is agreed by the parties to this contract that all results of experimental work, including inventions, carried on under the direction of the scientific staff of the institution, belong to the institution and to the public and shall be used and controlled so as to produce the greatest benefit to the public. It is understood and agreed that if patentable inventions or copyrightable software grow out of the investigation and such inventions or software have commercial value, the cooperating agency shall receive preferential consideration as a prospective licensee, with a view to compensating said cooperating agency in part for the assistance rendered in the investigation.”

“It is further agreed that the name of the institution shall not be used by the cooperating agency in any advertisement whether with regard to the cooperative agreement or any other related matter.”

(6) In case of a research project where it is proposed that all costs including overhead, salary of investigator, reasonable rent on the use of equipment, etc., are paid by an outside party, the outside party and the institution shall negotiate the appropriate assignment of all patent or copyrightable software rights prior to the provision of any funding by the outside party. The institution shall reserve the right to publish all data of fundamental value to science and technology.

(7) Changes in the above policies may be made by the institution to conform to the requirements of the United States Government when contracting with the United States Government or a Federal Government Agency.

Sanctions

When a student admits to being or is found to have been in violation of the FHSU Student Code of Conduct Regulations, the following responses and sanctions are possible:

Reprimand - Official censure
Restitution - Repayment of any monetary damages

Specifically Defined Sanction – Specific conditions or assignments given to the student; examples include but are not limited to:

- * Community service
- * Research papers/personal essays
- * Workshop attendance

* Loss of privileges and exclusion from activities

* Exclusion from specified areas of campus
Special projects or assignments –

Disciplinary Probation – Period of review and observation during which the student is warned that the misconduct was very serious and that further violations of the code of conduct may result in more serious sanctions.

Deferred Suspension or Dismissal - Denial of enrollment, attendance and/or privileges for a specified period of time.

Permanent Suspension - Dismissal from the university

Expulsion - Immediate and permanent removal from the institution (used only when it is believed that the presence of the student will have a detrimental impact on the university community)

All sanctions may be imposed singularly or in combination. Sanctions are designed to promote the educational mission of FHSU. The severity of the sanction(s) imposed is intended to correspond with the severity or frequency of violations, as well as the student's willingness to recommit to good citizenship through behaviors that fall within the conduct regulations of the institution.

Scholarly and Artistic Works

Notwithstanding any use of institutional resources or the “work-for-hire” principle, the ownership of textbooks, scholarly monographs, trade publications, maps, charts, articles in popular magazines and newspapers, novels, nonfiction works, artistic works, like works, and supporting materials shall reside with the creator(s) and any revenue derived from their work shall belong to the creator(s). Except for textbooks, institutions shall have royalty-free use of the work within the institution, unless otherwise agreed in writing.

Student Academic Creations

The ownership of student works submitted in fulfillment of academic requirements shall be with the creator(s). The student, by enrolling in the institution, gives the institution a nonexclusive royalty-free license to mark on, modify, retain the work as may be required by the process of instruction, or otherwise handle the work as set out in the institution's Intellectual Property Policy or in the course syllabus. The institution shall not have the right to use the work in any other manner without the written consent of the creator(s).

Student Right-to-Know & Campus Security Act

In 1990, U.S. Congress passed the Student Right-to-Know and Campus Security Act, which required all post-secondary institutions participating in Title IV student financial aid programs to disclose campus crime statistics and campus security information and policies. The act was amended in 1992, 1998 and 2000. The 1998 amendments renamed the law the Jeanne Clery Disclosure of Campus Security Policy and Campus Crime Statistics Act. The Higher Education Opportunity Act of 2008 (Public Law 110-315) further created campus safety requirements in the following areas: hate crime reporting and emergency response; evacuation procedures; missing student notification; and fire safety issues.

The Clery Act requires institutions to disclose three general categories of crime statistics:

Types of Offenses - Criminal Homicide, including: a) Murder and Non-Negligent Manslaughter; and b) Negligent Manslaughter; Sex Offenses including: a) forcible, and b) non-forcible; Robbery; Aggravated Assault; Burglary; Motor Vehicle Theft; and Arson.

Hate Crimes - Disclose whether any of the above-mentioned offenses, or any other crimes involving bodily injury, were hate crimes; and

Arrests and Referrals for Disciplinary Action for illegal weapons possessions and violation of drug and liquor laws. Crime statistics that are provided in this annual report are based upon incidents reported by the University Police Department, Office of Student Affairs and Residential Life. Each entity provides updated information on their educational efforts and programs to comply with the Act. This annual report is prepared by the Assistant Vice President of Student Affairs. FHSU annually reports statistics for the three most recent calendar years concerning the occurrence on campus, in residence halls, and on public property. Campus crime, arrests, and referral statistics include those reported to the FHSU Police, Residential Life and the Office of Student Affairs.

Success Days

“Success Day” is defined as the concluding day, prior to finals week, of a course. This

is likely to be the concluding Thursday for face-to-face courses that meet on Tuesday and Thursday or the concluding Friday for face-to-face courses that meet Monday, Wednesday, and Friday as well as online courses.

Concerns from students about the implementation of this policy should be directed through the appropriate chain of command which begins with the course instructor, then respective Department Chair, respective College Dean, and finally Provost.

Success Days for Face-to-Face Courses:

No exams or new material should be introduced during a course’s Success Day (last day prior to finals). Major course assignments, such as projects or papers, should be on the syllabus before midterm, and if those assignments are not considered the final, should be due prior to Success Day. A major course assignment is defined as one worth 10% or more of the course grade or enough points that its omission would result in a full letter grade change in a student’s final grade. Classes must meet during the scheduled final exam time as stated in the academic calendar for on-campus final exams.* Exceptions are outlined below.

Success Days for Online Courses:

No exams or new material should be introduced during a course’s Success Day (last day prior to finals). Finals should be administered during finals week. Major course assignments, such as projects or papers, should be on the syllabus before the middle of the semester and if those assignments are not considered the final, should be due prior to Success Day. A major course assignment is defined as one worth 10% or more of the course grade or enough points that its omission would result in a full letter grade change in a student’s final grade. Exceptions are outlined below.

*As stated in the academic calendar’s final examination policy, “All classes shall meet for at least one hour at the time indicated on the examination schedule for the final summing of work of the course. Whether this ‘final summing up’ is written examination or a discussion or other form of summarization is for the instructor to decide. But whatever the form, it should be a profitable period to the student and instructor for a final appraisal of the

course. Under no circumstances should this scheduled period be omitted or made of no importance.

No student is permitted to take an examination before the scheduled time for the examination. Students must seek permission of the dean of the college in which the course is being taught to take a late final examination.”

Exceptions:

- Summer and intersession courses
- 8-week or shorter courses
- Lab courses, performance courses, studio courses, and practicums
- Classes that meet once a week
- Class presentations by students when prior time has been allowed for preparation
- Semester-long projects such as a design project assignment in lieu of a final
- Extensions of the deadline for major course assignments requested by individual students and granted by the professor on an individual basis
- Arranged courses such as readings, internships, and research
- FHSU courses taught at international partner institutions
- Concurrent enrollment courses

Withdrawal Policy Statement

Students may withdraw full- semester (16-week) courses through 11:59:59PM CT on the 28/29 calendar day of the semester. Students withdrawing during this time period will not receive any notation on their transcript. Students who withdraw after this period and through 11:59:59PM CT on the 70th day of the semester will receive a notation on the transcript of withdrawal (W).

No withdrawals after the 70th day of the semester. Students who withdraw completely will receive a notation on their transcript of the date withdrawn. Students receiving financial aid have additional responsibility and should contact the Office of Student Financial Assistance in Picken Hall, 785-628-4408.

Withdrawal for Active Military Duty Policy Statement.

Students who mandatorily are called from reserve or National Guard status to active duty in the armed forces will be eligible for a full refund of tuition and fees and the balance of unused University housing and food charges at the time of withdrawal upon

presentation of official documentation to the Registrar's Office. Students who have received Federal Financial Assistance for the semester they withdraw are required to repay according to the Fort Hays State University refund policy. The academic status of each student will be determined at the time of departure in cooperation with their academic college in a manner so as not to penalize or disadvantage the student. Students called to active duty should be allowed to pursue finishing their course work within one academic year after completing their active military duty.

Financial Assistance for Students

Office of Student Financial Assistance

The office administers federal Title IV programs according to U.S. Department of Education guidelines. All Title IV aid is awarded based on financial need determined by family and student analysis. Title IV programs include Federal Pell Grants, Federal Supplemental Opportunity Grants, Federal College Work Study, and Federal Perkins Loans Program.

Major loan programs include the subsidized and unsubsidized Stafford Loans and Parent Loans (PLUS). In addition, the office administers Institutional Work Programs, the State of Kansas Work Program, institutional scholarships, and Veterans Administration benefits. Students must file the Free Application for Federal Student Aid (FAFSA) as soon after January 1 as possible.

A copy of the FAFSA may be obtained at high school counseling offices or FHSU's Office of Student Financial Assistance in late November or early December. The interactive on-line version of the FAFSA can be accessed at <http://www.fafsa.ed.gov/>.

It is imperative that the application be completed before March 15 of every year. Nearly 73 percent of FHSU students receive some form of assistance through grants, loans, or scholarships. More information regarding all types of aid can be found by visiting the FHSU Financial Assistance Web site at <http://www.fhsu.edu/finaid/>.

General Provisions (Part A)

Section 668.16(e) of the student general provisions requires that financial aid recipients maintain satisfactory progress for continued eligibility for Title IV funding. Funding under this title includes the Federal Pell Grant, Federal Supplemental Educational Opportunity Grant, Federal College Work Study, Federal Perkins Loan, and the Federal Stafford Loan Programs (subsidized and unsubsidized loans). This policy includes all funding from the State of Kansas for the

Kansas Comprehensive Grant Program, various scholarship programs administered by the State of Kansas and all university scholarships.

The Financial Assistance Office will determine the satisfactory progress of each student receiving assistance at the completion of the fall, spring and summer semester/terms. Intersession courses will be considered part of the following spring registration. Eligibility relative to this policy may also be reviewed as students apply for aid at FHSU. After grades are posted each semester, the Office of Financial Assistance will notify students who do not meet the standards by email. All credits accepted by the university from other institutions will be used to calculate eligibility.

Financial Aid Warning: Students who do not meet one or more of the Satisfactory Academic Progress Policy standards (see Parts B and C) will be placed on warning as a notice that their academic work is below the standard. While on Financial Aid Warning a student must receive a 2.0 GPA for the semester/term (3.0 GPA for graduate students) as well as meet the requirements of the pace and the time frame standards. If a student corrects the deficiency by grade changes or meeting the standards by work on his/her own, he/she will be removed from warning. Warning status cannot be appealed.

Financial Aid Suspension: Students who do not meet the terms of their warning will be suspended and prohibited from receiving future aid until all standards are met. In addition, any financial aid recipient who receives all unsatisfactory grades (U), all incomplete grades (I), or totally withdraws from classes will automatically be suspended (i.e. no warning period will be granted). A student on Financial Aid Suspension is not eligible to receive financial aid. Returning all financial aid funds that were disbursed does not exempt a student from Financial Aid Suspension.

Students may appeal financial aid suspensions to the Financial Aid Appeals Committee. Reasons for an appeal may include, but are not limited to; death of a relative, an injury or illness of the student, or other special circumstances. An appeal will not be heard if:

- The student has been dismissed from the university.

- The student has not been academically reinstated by the Academic Advising Office.
- The student owes any fees to the University.
- The appeal request is for the current semester and is received after the semester's mid-term.

All appeal decisions addressed by the committee are final and not subject to further review. Appeals will not be considered for prior semesters. Reinstatement of any aid originally awarded to a suspended student is at the committee's discretion. Should an appeal be granted the student must meet the terms of the appeal and the policy to be placed back on normal progress and be removed from the plan agreement set in the appeal. Simply meeting the appeal agreement alone does not guarantee continuation of future financial aid.

Undergraduate Student Standards (Part B)

The maximum time frame for undergraduate aid eligibility is 186 credit hours attempted at FHSU and any other institution. The time frame considers all hours attempted regardless of whether or not the student has ever received financial assistance or has completed a prior degree. Grade Point Average: Undergraduate students must maintain a cumulative GPA according to the following schedule:

Cumulative Credit Hours	Cumulative GPA Requirement
0-29	1.6
31-59	1.7
60-89	1.8
90 or more	1.9

Attempted Hours/Credit Hour Completion Standard: Attempted hours are any credits a student is enrolled in at the time aid is disbursed. Financial aid recipients who receive all failing grades at the end of any term will automatically be placed on suspension. The following table indicates how many hours must be completed in relation to a student's attempted hours per semester/term, and which grades will be counted as completed and non-completed at the end of the semester/term:

Hours Attempted per semester/term	Hours Completed per semester/term	Completed Credits	Non-Completed Credits
12+	9	A - Superior Achievement	U - Unsatisfactory
9 - 11	6	B - Good Achievement	I* - Incomplete
6 - 8	3	C - Average Achievement	W** - Withdrawal
1 - 5	1	D - Minimum Passing Achievement	WC - Cancellation
----	----	P - Pass	WP - Withdraw Passing
----	----	CR - Credit	WF - Withdraw Failing (not calculated in GPA)

Veterans, Reservists, Service Persons

The university welcomes veterans, reservists, service persons, or other eligible persons. The Office of Student Financial Assistance provides information, guidance, and counseling to those who are eligible for educational benefits under the Veterans Readjustment Assistance Act of 1967, the Dependents Education Assistance Act, the Vocational Rehabilitation Act, and the Post-Vietnam Era Veteran Educational Assistance Act of 1976.

To be eligible for benefits through the Department of Veterans Affairs, the veteran must have served continuously on active duty for a period of 181 days. All or part of the continuous service must have occurred after January 21, 1955. The conditions of discharge or release from service must be other than dishonorable.

Veterans planning to train under the Readjustment Assistance Act are required to pay cash for fees, books, and supplies. The veterans, in turn, receive an allowance during each month of schooling, based on credit hours of enrollment and the number of dependents.

Similar educational benefits are provided under the Dependents Education Assistance Act for children, wives, and widows of veterans whose death or permanent disability was service-related.

The Vocational Rehabilitation Act provides benefits for disabled veterans

covering fees, books, and supplies as well as a subsistence stipend.

The Veterans Educational Assistance Program provides benefits for the post-Vietnam era veterans who entered service on or after January 1, 1977, and made contributions for at least three months. The total amount of benefits is contingent on the amount and number of months one contributed with a maximum of 36 months of entitlement.

Inquiries concerning eligibility should be directed to the Department of Veterans Benefits Section of the Veterans Administration regional office. Application forms are available in the Office of Student Financial Assistance as well as other [Veterans information](#). Veterans planning to study under these laws are advised to secure approval for training and to contact the [Office of Student Financial Assistance](#) well in advance of enrollment.

Student Employment

The Student Employment Office administers the various FHSU job programs, including Federal College Work-study, Kansas Career Work-study, and University department-funded employment. Students must complete the FAFSA to be considered for Federal College Work-study and Kansas Career Work-study eligibility. Department-funded employment is open to all students regardless of financial aid status.

The Student Employment Office coordinates with hiring departments to list a variety of available student jobs. Students

Scholarship Services

The Office of Student Financial Assistance administers the scholarship program offered through many sources. The primary goal of this office is to assist students in locating and pursuing scholarship opportunities. The on-line [Scholarship Application](#) (available after October 1) lists all university scholarship funding sources. The final deadline for all scholarship applications is generally February 15 but can vary from year-to-year. Please call or visit on-line the [Office of Student Financial Assistance](#) for advice on applying for aid or scholarships.

seeking employment are referred to the hiring departments to arrange interviews.

Graduate School

Mission and Vision

The mission of the Graduate School is to serve its beneficiaries through excellence in support, continuous quality improvement, and innovation.

The vision of the Graduate School is to aspire to be a nationally recognized leader in graduate education, internationalization, and research.

The Graduate School is the unit responsible for organizing and supervising the graduate instructional programs of the university and for developing them toward their highest level of excellence. It is also the unit responsible for facilitating, encouraging, and coordinating the research and internationalization efforts of the university and for developing those efforts toward the highest level of excellence. The school has a primary concern with meshing graduate instruction and research into mutually supporting programs and also with integrating both into the total effort of the university.

All colleges of the university are served by the Graduate School. The Dean of the Graduate School/ Assistant Provost for Academic Programs has responsibility for coordinating, encouraging, and stimulating graduate and faculty research and internationalization programs in all of the university's academic units.

Visit www.fhsu.edu/academic/gradsch/programs for a full listing of graduate programs at FHSU.

Global Affairs Office

Fort Hays State University has over 25 years of experience serving students throughout the world. We live in an increasingly interconnected global community where technology enables us to engage with students, faculty, and colleagues to cultivate relationships and engage in collaboration.

The goals of Global Affairs are to identify, negotiate, establish, contract, and assist in maintaining educational and business relationships and partnerships, generating student credit hours and non-credit opportunities for FHSU's academic and student affairs units. These opportunities extend the reach across the globe of FHSU both for undergraduate and graduate education.

Through Global Affairs' initiatives, **FHSU serves over 4,000 students around the world primarily in China each semester.**

The primary focus, due to the size of the initiatives, is the unique, cross border, dual-degree programs in mainland China: **Zhengzhou Sias University (Sias) and Shenyang Normal University (SNU).**

In 2000, the Ministry of Education (MOE) of People's Republic of China approved FHSU to partner with Sias to offer dual bachelor's degrees. In 2003, SNU was also approved by Chinese MOE. Since then, we have graduated thousands of students who seek post-graduate education or are gainfully employed.

FHSU is committed to international partnerships. We explore potential opportunities as they arise. Our partnerships and outreach programs must be of mutual benefit to both organizations and must follow proper procedures to ensure the quality of academic program activities.

Academic Programs with International Focus

Minors and certificate programs related to internationalization:

Global Competencies Minor
International Studies Minor
Global Studies Certificate
International Studies Certificate

Programs offered in academic departments:

BBA in International Business and Economics
BA in Political Science (International Studies)
International Relations/Comparative Politics Certificate
Global Leadership Certificate

Graduate School

Below is a list of programs that can be completed on campus or online.

Master of Arts History (MA)

- General
- Public History

Master of Arts English (MA)

- General
- TESOL

Master of Fine Arts (MFA)

- Ceramics Drawing
- Graphic Design
- Inter-media
- Painting
- Photography
- Printmaking
- Sculpture

Master of Business Administration (MBA)

- General
- Accounting
- Corporate Communication
- Digital Marketing
- Finance
- Health Care Management Human Resource Management
- Information Assurance
- International Business
- Leadership Studies
- Management Information Systems
- Marketing
- Operations Management
- Tourism and Hospitality Management
- Sports Management

Master of Science Biology (MS)

Master of Science Communication (MS)

- General
- Organizational

Master of Science Counseling (MS)

- General
- Clinical Mental Health Counseling
- School
- College Counseling/Student Affairs

Master of Science of Education Administration (MS)

Master of Science of Education (Higher Education) – (MS)

Master of Science in Education (MSE)

- General
- Business
- Curriculum and Instruction (Exceptional and Diverse Learners)
- Chemistry
- Curriculum and Instruction (The Effective Teacher)
- Curriculum and Instruction (Science of Language and Literacy)
- Elementary Education
- ESOL
- Higher Education Student Affairs
- JROTC Instructor Prep

Library Specialist

Mathematics

Reading Specialist

Secondary Education

Teacher Leader

Teaching English as a Foreign Language

Transition to Teaching

Master of Science Geosciences (MS)

Master of Science Health and Human Performance (MS)

Exercise Science

Sport Administration

Movement and Sport Studies

Master of Science (Instructional Technology) – (MS)

Master of Liberal Studies (MLS)

Behavioral Sciences

Chemistry

Computer Networking & Telecommunications

Corporate Communication

Criminal Justice

Digital Cinema Production

Educational Leadership and Management-Instruction

Educational Leadership and Management-Administration

Educational Leadership and Management-Technology

e-Learning Professional

Geosciences

Gerontology

Global Management

Global Professional English

Global Studies

History

Humanities

Human Resource Management

Informatics

Information Analysis and Communication

Information Assurance

Information Networking and Telecommunications

International Enterprise Leadership

Instructional Sciences

Liberal Arts

Literary Arts

Management Information Systems

Mathematics

Modern Languages

Music

Organizational Leadership

Political Leadership and Public Service

Political Science

Public Administration

Rural Advocacy

Science Education

Social Entrepreneurship

Social Networking Management

Social Sciences

Sociology: Cultural Studies

Teaching and Learning

Web Development

Master of Science in Nursing (MSN)
Nursing Administration
Nursing Education
Family Nurse Practitioner

Master of Professional Studies (MPS)
Chemistry
Computer Networking
Criminal Justice
Cyber Security
Gerontology
Human Resource Information Systems
Human Resource Management
Information Assurance Management
Instructional Design
Music Composition
Music Performance
Organizational Leadership
Political Management
Public Health Administration
Social Entrepreneurship
Web and Mobile Applications
Workforce Development

Master of Science Psychology (MS)
Clinical
Experimental General
School

Master of Science Special Education (MS)
High Incidence
Gifted

Master of Social Work (MSW)

Master of Science Speech-Language Pathology

Education Specialist Advanced Professional Studies (EdS)
General
Business Education and Workforce Leadership
Counseling
Digital Leadership
Education Administration
Education Innovation and Leadership
Leadership in Reading
School Psychology

Doctor of Nursing Practice (DNP)

Graduate School – Programs and Degrees

There are different levels of graduate study at Fort Hays State University. The Master of Science, Master of Arts, Master of Business Administration, Master of Liberal Studies, and Master of Science in Nursing degrees are awarded as the first graduate degrees for graduate study.

The Master of Fine Arts degree is the professional terminal degree in the field of visual arts and normally requires two years of full-time graduate work. The Specialist in Education degree is given for completion of an approved program of advanced graduate study beyond the Master's degree. It is a professional graduate degree providing advanced study for school personnel. There is also a non-degree option for those who wish to do graduate work for personal and professional reasons without pursuing a degree.

BSN to DNP Program

For students who have graduated from an accredited school with a Bachelor of Science in Nursing degree. This program prepares students for a Doctor of Nursing Practice as a Family Nurse Practitioner. A Family Nurse Practitioner provides primary care across the life span.

MSN to DNP Program

For students who have graduated from an accredited school with a Master of Science in Nursing degree in an Advanced Practice role as a Nurse Practitioner, Nurse Anesthetist, Nurse Midwife, and Clinical Nurse Specialist. The MSN to DNP program provides advanced education for students who have already obtained a MSN degree with an APRN license. Applicants from 46 states are accepted. Information concerning graduate study in general as well as rules and regulations that pertain to the various Master's degrees and the Specialist in Education degree can be found in The Master's Degree section. More information on the Doctor of Nursing Practice (DNP) can be found at: fhsu.edu/nursing/dnp.

Master of Arts

The Master of Arts degree is granted in two areas: English and history. A thesis is optional in both programs.

Master of Business Administration

The Master of Business Administration (MBA) program provides a high-quality curriculum designed with challenging, engaging learning opportunities. Students are prepared to lead, make challenging decisions, and succeed. Take advantage of all the benefits of a traditional on campus program, or the convenience of flexible, online instruction. Go to school part time or full time.

Master of Fine Arts

The School of Visual and Performing Arts -Art offers a Master of Fine Arts (MFA) degree consisting of a minimum of 60 hours of graduate work. You must complete the degree requirements within 8 years and maintain a 3.0 GPA throughout the MFA program. This master's program includes studio concentrations such as: drawing, painting, sculpture, graphic design, photography, printmaking, ceramics and intermedia. Online or low residency options are available in some areas and are subject to decisions by the major professor.

Master of Liberal Studies

Earning a Master of Liberal Studies degree (MLS) from Fort Hays State University is the first step toward expanding your thoughts and transforming the horizons in front of you. Graduates from our master's program take their learned skills with them to adapt and evaluate intellectual work in news ways – in any discipline.

Our effective and intelligent online and on campus programs are designed to benefit the working professional with our 31-credit MLS degree, which allows you to balance work and life commitments while fostering your love of learning. At Fort Hays State, we want to transform your thinking – with a master of liberal studies degree, you'll have an advanced understanding of strategy and solutions that you can then utilize for your intellectual, social and professional growth.

Master of Professional Studies

The Master of Professional Studies (MPS) degree is a multi-disciplinary master's degree designed to develop advanced professional skill sets in various subject areas not currently represented at FHSU by the Master of Science (MS) credentials. A notable feature of the degree program is the flexibility to combine a major subject area with one or more cognate areas. By customizing your education, you will gain the professional workforce skills desired by employers in commerce, government, health care, non-profits, and information technology. Also, a majority of our programs are available online making it easier for you to earn your degree anytime, from anywhere.

Master of Science

The Master of Science degree is granted in the following subject areas: Biology; Communication; Counseling; Education; Education Administration; Geosciences; Health and Human Performance; Instructional Technology; Mathematics, Psychology; Special Education; and Speech-Language Pathology.

See the department's website for program requirements.

Master of Science in Nursing

A graduate degree in nursing will prepare you to use the knowledge that you have gained through experience and your former education to build an expertise in a specific area of nursing.

This program requires clinical practicum experiences. Fort Hays State University works diligently with students to secure clinical contracts across the United States. On rare occasions due to locations or state or facility requirements, we are unable to negotiate a contract. In this event, if another site cannot be obtained at the students location, a clinical site in Hays, Kansas will be provided for the student. If this occurs, students will need a Kansas license and will need to come to Kansas for their practicum experience. We encourage you to start the collaborative process of obtaining a preceptor early in your program. If you have questions about this process, please contact the Department of Nursing.

Requirements for the Master's Degree

Admission to the Master's Degree Program

Each applicant for admission to graduate study in a degree program must complete the following procedures before the application for admission will be considered:

Research Option

Subject to the approval of the major department, the Master's degree student may select one of the following research options when planning a program:

Option A: Master's Degree With Thesis. A minimum of 30 semester hours of graduate credit including a research course and a master's thesis of two to six semester hours.

Option B: Master's Degree With Portfolio. A minimum of 30 semester hours of graduate credit including a research course and a completed and approved portfolio.

Option C: Master's Degree Without Thesis or Portfolio. A minimum of 30 semester hours of graduate credit including a research course in which research methods are taught and in which a research paper, research project, or creative work is assigned and completed.

Application for Program Completion (APC)

The student who plans to graduate at the end of a given semester or summer term must file an APC form and remit at the time of enrollment or before the filing deadline given in the class schedule. The student must be admitted to candidacy before being eligible to file an APC.

The deadline for filing the APC form in the Graduate School is the second Friday of classes for the fall and spring semesters and the first Friday following enrollment for the summer term.

In the event the student does not graduate after filing an APC, a new APC form must be completed before the deadline for the semester or summer term in which the student plans to complete requirements. The student must be enrolled in a graduate course in the department of the major the semester or summer session of filing or refiling an APC.

There is no special distinction for honors at graduation for graduate students.

899 Thesis

The thesis is the result of independent study or research on some topic in the major field of study for which the student may receive from two to six hours of credit. Once enrolled in 899 Thesis, the student must remain continuously enrolled both fall and spring semesters, and, if the department requires it, the summer session, until the thesis is completed. Failure to enroll as required makes the student eligible for dismissal from the degree program. The topic and procedural plan of the thesis must be approved by the student's graduate committee prior to the beginning of the study. The advisor and the departmental graduate committee or its delegate share responsibility for the student's work on the thesis and on the final approved copies.

The approved thesis title and the approved thesis must be submitted to the Graduate School by the deadlines published in the class schedule for the semester or summer term of anticipated graduation.

It is the responsibility of the graduate student to contact the Graduate School to obtain a copy of the most current thesis guidelines and any other specific requirements for completion of the thesis. The thesis guidelines may also be found on the Graduate School web site at www.fhsu.edu/gradschl.

The thesis is due in Graduate School two weeks before graduation in the fall and spring semesters and a week before graduation in the summer term. The specific date is listed in the class schedule. The thesis must be accepted by the Graduate Dean before the thesis requirement is met and before a grade is given for the thesis. Credit for the thesis is deferred until it is completed and is accepted by the Graduate Dean.

Examinations/Assessments

Each applicant for a graduate degree must satisfactorily pass a comprehensive assessment over the subject fields of the program. The comprehensive assessment is not merely a reexamination of materials covered in coursework but is a test of the graduate degree candidate's ability to integrate materials from the graduate major and any related or supporting fields. Each department will determine the content of the comprehensive assessment; the assessment may be written and/or oral. Each department will

develop comprehensive assessment procedures that are congruent with Graduate School policy and publish and disseminate these procedures to all newly admitted graduate students in the first semester of graduate study.

Normally, the comprehensive assessment is taken upon the completion of all courses in the program of study or during the final semester of enrollment.

A final oral examination over the thesis is required.

Departments may establish certain qualifying examinations to determine if further graduate work is required or if the student is making satisfactory progress in graduate study.

Classification After Graduation

All students who complete a graduate degree at FHSU are reclassified as non-degree graduate students upon program completion unless they are pursuing a second master's or a specialist degree. This classification permits the graduate student to continue to take courses for graduate credit as needed to meet personal and professional needs. The non-degree graduate student who has a graduate degree from FHSU may be asked to update information on the original application so that all information will be correct.

Non-degree graduate students are required to maintain a 3.00 GPA in graduate courses at all times in order to retain eligibility to receive graduate credit and to remain in good academic standing in the Graduate School. A non-degree graduate student can be dismissed for not maintaining the required 3.00 GPA.

Students who wish to pursue a second Master's or Specialist in Education degree will be required to complete a new application for admission in the new major.

The Master of Fine Arts (MFA) Degree

The Master of Fine Arts degree is the terminal degree in the field of the visual arts. The degree is designed to provide the highest level of competent, professional training in drawing, painting, sculpture, printmaking, ceramics, and design (graphics and photography).

Functions and Purposes

The Master of Fine Arts degree is designed to offer superior students advanced training and opportunities for creativity. Emphasis is placed upon creative work; the program is planned for the prospective professional artist and teacher seeking a teaching position at the college level in the visual arts.

Admission to the Master of Fine Arts Degree Program

Each candidate for the Master of Fine Arts degree must apply to the Graduate School. The applicant must comply with the following regulations of the Art and Design M.F.A. Admissions Committee and must: (1) hold a bachelor's degree with a major in art from an accredited institution and have completed a minimum of 36 semester credit hours in art at the undergraduate level; (2) submit three letters of recommendation from individuals who are or have been associated with the applicant as an artist; (3) submit a statement of purpose concerning motivation in seeking the degree; (4) submit 20 slides of art work for review, including five slides of drawing, five slides of the minor area, and ten slides of the major area.

The M.F.A. Admissions Committee will review all applications and, at its discretion, may require completion of particular courses to remove deficiencies in undergraduate training. Such courses would be requirements in addition to the minimum required for the graduate degree. The M.F.A. Admissions Committee will make a recommendation about admission to the Graduate Dean, who makes the decision regarding admission.

Requirements for Completion of the Master of Fine Arts Degree

Following admission, the student should carefully observe all regulations leading to the completion of the degree. The student must: (1) file an approved program of study with the Graduate School; (2) apply for candidacy; (3) submit an Intent to Graduate form at the time of enrollment for the semester or summer term in which the student intends to exhibit the thesis project and graduate; (4) have a B average (3.00) or above in all coursework completed for the degree; (5) satisfactorily pass the final written comprehensive examination; (6) secure approval from the student's graduate committee to pursue the final phase of the degree program at the time of the preliminary oral examination; (7) include in the terminal thesis project a formal exhibition and oral examination at the conclusion of the degree program; and (8) comply with all requirements of the Graduate School, Registrar, and Student Fiscal Services.

Admission to the M.F.A. program does not guarantee graduation or that the student will be awarded a degree. Students may be dropped

from enrollment or held in attendance beyond the customary two years if their progress does not measure up to the standards of the Department of Art. The student's graduate committee will review the progress of the candidate at the time of the preliminary examination and exercise one of three program options. The graduate committee will recommend: (1) continuation in the program without interruption; (2) a semester of probation with a second review at the end of the period; and (3) termination of enrollment in the program.

Residence

Normally, all course credit toward the Master of Fine Arts degree must be earned in residence at FHSU. Any exception to this requirement must have prior approval of the M.F.A. Admissions Committee and the Graduate Dean. The M.F.A. candidate must spend two semesters in residency.

Thesis Exhibition

The candidate for the Master of Fine Arts degree will present the thesis project in formal exhibition at which time the final oral examination will take place. The Department of Art & Design reserves the privilege of retaining at least one piece of work selected from the candidate's exhibition to become a part of the department's permanent collection.

Once enrolled in 899 Thesis, the student must remain continuously enrolled both fall and spring semesters, and, if the department requires it, the summer session, until the thesis is completed. Failure to enroll as required makes the student eligible for dismissal from the degree program.

The Specialist in Education (Ed.S.) Degree

The Specialist in Education is an advanced graduate degree designed to provide the graduate student a definite and integrated professional program of study beyond the Master of Science degree in Education Administration or Psychology (School). The degree requires advanced study between the master's and the doctorate degrees, both in time and in depth, with identifiable and distinct objectives. The program planning and the supervision of the research project (field study or research problem) is the responsibility of the designated advisor with the counsel of the student's graduate committee.

Functions and Purposes

The Specialist in Education degree program is intended for individuals preparing for positions that demand a higher level of study than the master's degree. The specific objectives of the Specialist in Education program are to help the student: (1) gain depth in an area of specialization; (2) comprehend the interrelations between the area of concentration and related fields; and (3) develop practical competency in the specialty.

Admission to the Specialist in Education Degree Program

Each applicant for the Specialist in Education degree must apply to the Graduate School. The applicant must comply with the requirements of either the Department of Advanced Education Programs or the Department of Psychology, depending upon the major. The requirements include that the applicant: (1) holds a Master's degree in a designated major from an accredited institution; (2) submits two recommendations from the current employer and/or Master's degree advisor; (3) in Education Administration, provide the scores for the GRE or the Miller Analogies Test, and in School Psychology provide the GRE score; (4) provide an educational vita and teaching certificate for the Specialist in Education Administration; and (5) pay the appropriate application fee.

The Specialist Degree Committee in the Department of Advanced Education Programs or in the Department of Psychology approves the application after review of the applicant's file. Action of the committee will be forwarded to the Graduate Dean with a recommendation for approval or denial. The Graduate Dean makes the decision regarding admission.

Once a student is admitted, the department chair of the major appoints an advisor and designates a graduate committee responsible for developing the student's program of study.

Program Option

A student in Education Administration may elect to complete a field study of two to six semester hours or a research problem of two to four semester hours. A student in School Psychology must complete a six-hour field study. Once enrolled in 999 Field Study, the student must remain continuously enrolled both fall and spring semesters, and, if the department requires it, the summer session, until the field study is completed. Failure to enroll as required makes the student eligible for dismissal from the degree program. The research project hours are included in the minimum 30-semester-hour program designed to meet the requirements for the Specialist in Education degree.

Requirements for Completion of the Specialist in Education Degree

Following admission, the student should observe carefully all regulations leading to the completion of the degree program. The student must: (1) complete a minimum of 30 graduate hours on an approved degree program, though additional hours may be required by the graduate committee. NOTE: Courses used on the Master's degree cannot be used to meet the course/hour requirement for the Specialist in Education degree; (2) complete at least 15 hours in a 30-hour program leading to a Specialist in Education degree in courses numbered 900 and above, or complete one-half of all hours at the 900-level if the degree program exceeds the 30-hour minimum; (3) apply for candidacy for the Specialist in Education degree upon satisfactory completion of nine hours of work on the Specialist in Education program; (4) submit an Intent to Graduate form by the deadline for the semester or summer term in which the student intends to graduate; (5) have a B average (3.00) or above in all coursework completed for the program; (6) satisfactorily pass the final written comprehensive examination; (7) secure approval from the student's graduate committee for the final draft of the research project (field study or research problem). The approved title of the field study or the research problem must be filed in the Graduate School. At least four approved and signed copies of the field study must be filed with the Graduate School for binding. One copy of a research problem must be filed with the student's advisor to be retained by the Department of Advanced Education Programs. A binding fee must be paid for each copy of the field study that is bound. A minimum of four copies of the field study is required by the Graduate School; student copies will be in addition to the four required copies. Field study guidelines are available from the Graduate School or the appropriate department; (8) earn all course credit for the Specialist in Education degree through courses taken from Fort Hays State University. Any exception to this residency requirement must have the prior approval of the Graduate Dean; and (9) comply with all requirements of the department, Graduate School, Registrar, and Student Fiscal Services.

Enrollment

Enrollment procedures for the Specialist in Education degree candidate are the same as those for the master's degree candidate as stated in this catalog. Each student should check with the Graduate School before each enrollment to see that all records are complete and current.

Residence

All course credit toward the Specialist in Education degree must be earned through courses taken from Fort Hays State University. No portion of the degree program can be through courses transferred from another university.

Examinations

Each candidate for a Specialist in Education degree must pass a written comprehensive examination over the area of study covered by the program as well as an oral examination over the field study or research problem. The comprehensive examination is not merely a reexamination of materials covered in coursework but is a test of the graduate degree candidate's ability to integrate materials from the graduate major and any related or supporting fields. The written comprehensive examination shall not exceed four hours; the oral examination shall not exceed two hours.

Doctor of Nursing Practice (DNP)

Nurses graduating with a Doctor of Nursing Practice (DNP) degree from Fort Hays State University are educated to provide high quality, efficient patient-centered nursing care that emphasizes collaborative, evidence-based practices. DNP graduates assume key leadership roles and participate in executive decision making processes for best patient care outcomes.

BSN to DNP Program

For students who have graduated from an accredited school with a Bachelor's of Science in Nursing degree. This program prepares students for a Doctor of Nursing Practice as a Family Nurse Practitioner. A Family Nurse Practitioner provides primary care across the life span. **Accepting applications from Kansas, Nebraska, and Oklahoma.**

We are honored to announce that our May 2020 and 2021 DNP classes received a 100% pass rate on their national certification.

MSN to DNP Program

For students who have graduated from an accredited school with a Master of Science in Nursing degree in an Advanced Practice role as a Nurse Practitioner, Nurse Anesthetist, Nurse Midwife, and Clinical Nurse Specialist. The MSN to DNP program provides advanced education for students who have already obtained a MSN degree with an APRN license. Applicants from 46 states are accepted

Admission Criteria

BSN and MSN

- Complete a Fort Hays State University Graduate Student Application;
- Submit all official transcripts
- Completed a BSN or MSN from an accredited program, either CCNE or NLNAC
- Cumulative minimum GPA of 3.25 is required based on MSN degree and minimum GPA of 3.0 is required based on BSN degree
- Submit 2 letters of reference in the areas of: academic ability, current professional competency, or personal character

- Resume
- Personal Statement
- Within 30 days after acceptance into the nursing program, Clinical Clearance Requirements must be complete to register in nursing courses

BSN Only

Complete a personal or virtual interview with faculty to clarify goals and aspirations

- RN license in Kansas, Nebraska, or Oklahoma is required

MSN Only

- APRN licensure in any of the accepted 46 states is required
- Proof of National Board Certification is required

DNP PROGRAM OUTCOMES

Student Learning Outcomes: 1. Professionalism -Graduates will use interprofessional collaboration with ethical competency to improve patient and population health outcomes. 2. Theory- Graduates will analyze and integrate knowledge from research and theory to develop and implement evidence-based practice. 3. Evidenced Based Practice - Graduates will utilize the process of systematic inquiry to translate, implement, and evaluate evidence-based practice to improve patient outcomes. 4. Leadership- Graduates will apply leadership skills to lead health care systems to improve the health outcomes of individuals, communities, and populations through interdisciplinary collaboration and implementation of high-quality and cost-effective care. 5. Advanced Practice Role-Graduates will utilize the advanced practice role to improve health outcomes, evaluate and improve business practices, actively participate in health care policy, evaluate information systems, and promote health and disease prevention for individuals, communities, and populations. 6. Informatics-Graduates will analyze, utilize, and evaluate information technology to provide leadership and improve patient care. 7. Health Care system - Graduates will advocate, influence, and evaluate policy making and implementation. 8. Holistic View - Graduates will provide comprehensive health care to populations while exhibiting sensitivity to cultural diversity.

Graduate School Policies and Procedures

See the Graduate School website for a complete and updated listing.

Research Involving Human or Animal Subjects Any research involving human or animal subjects in any way must have prior approval of the Institutional Review Board (IRB) for human subjects and the Institutional Animal Care and Use Committee (IACUC) for animals.

Transfer of Credit

Master's degree candidates must earn a minimum of 15 resident credit hours at FHSU. However, individual departments may require more hours than the minimum to be earned at FHSU, thus reducing the number of hours that may be transferred. The graduate student must contact the department of the major about departmental requirements relating to transfer of credit. Candidates may request that graduate credit earned in other institutions of recognized standing be accepted for degree requirements subject to the departmental limits on transfer credit and approval by the Graduate Dean. Under no circumstances can a course be transferred onto the graduate program until an official transcript for the course(s) has been received in the Graduate School. In addition, the course must indicate an acceptable grade of A, B, or C. Students who request to transfer grades of "C" should be aware of potential Graduate School grade-point average calculation concerns and may be advised to reconsider the request depending upon the GPA of the courses on the program of study. Transcripts for courses which indicate pass/fail credit, unacceptable grades, or incomplete grades will not be accepted for transfer credit. Only graduate courses used on a degree program will be added to the FHSU transcript; the degree courses are transferred the semester of graduation.

No course may be transferred for which validation will be required unless approved by the Graduate Dean in consultation with the department chair (e.g. the department indicates willingness and capacity to validate the content of the transfer course in a timely manner).

All course credit toward the Master of Fine Arts and the Specialist in Education degrees must be earned through courses taken from Fort Hays State University.

FHSU Online, Workshop, and Correspondence Credit

A candidate may use certain graduate distributed education (internet, videotape, etc.) courses and workshop credit for meeting master's degree requirements under the following conditions: (1) the work is approved by the major department; (2) the work is approved by the Graduate Dean; (3) the work is an integral part of a program planned by the candidate and the advisor and is listed on a program of study approved by the

Graduate Dean; (4) workshop credit does not exceed six semester hours; and (5) the distributed education courses were taught by an approved member of the graduate faculty of the institution offering the course for graduate credit.

Credit toward a graduate program may not be earned through correspondence courses.

Credentialing

Institutional partnership agreements that credential Fort Hays State University courses (i.e. courses offered by an unaccredited third party taught by faculty members hired by the third party under the aegis of accredited FHSU course numbers) are permissible subject to the following standardized processes for review of faculty members and courses: (1) departmental and College Dean approval shall be obtained prior to signing any agreement; (2) proposed temporary graduate faculty shall be approved by the department chair, College Dean, and Graduate Dean in accordance with published Graduate School standards for appointment; and (3) new graduate course proposals shall be approved by the appropriate reviewing entities (e.g. 600-level courses require approval from Faculty Senate and Graduate Council, 800+ level courses require approval from the Graduate Council). Institutional agreements calling for the use of existing variable subtitle graduate courses (e.g. topics, workshops, seminars, etc.) shall be approved for a period not to exceed three semesters. Departments interested in the development of long-term credentialing partnerships are encouraged to begin the new course approval process early in the credentialing agreement. The institution shall include language in the partnership agreement allowing for cancellation by either party if internal approvals are not obtained.

Fees

The Graduate School requires that a non-refundable application processing fee of \$40 be submitted with the application for admission for all domestic students. A non-refundable application processing fee of \$50 is required for international students. No application will be processed or considered complete until this fee is paid.

There are five situations when an application fee will be waived: (1) if a student has previously attended FHSU and paid an application fee for the same program; (2) if a student has paid an application fee within the last 12 months to the same program (e.g. the application was rejected or disbanded); (3) if a student is changing their concentration within a program; (4) if a student is a returning non-degree student within 5 years of paying the application fee; and (5) if a non-degree student applies for a degree-seeking program and has paid an application fee within the last 12 months. Graduate students pay graduate fees for graduate classes and undergraduate fees for undergraduate classes. The fee schedule for enrollment, thesis binding, and commencement is subject to change; the student should consult the class schedule for the current applicable fee rate.

Non-Degree Students

Students who wish to be admitted to graduate status without designating a degree objective and without securing acceptance as a major in a department that offers graduate degree programs shall be designated as non-degree graduate students on the application for admission. Applicants for non-degree graduate status must provide evidence of a Bachelor's degree from an accredited higher education institution. Non-degree graduate students may study in graduate classes without following degree programs, but there is the possibility that credit for such classes may not be accepted toward a degree at a later date. Students who wish to pursue a master's or Specialist in Education degree will be required to complete a new application for admission.

Non-degree graduate students are required to maintain a 3.00 GPA in graduate courses at all times in order to retain eligibility to receive graduate credit and to remain in good academic standing in the Graduate School. A non-degree graduate student can be dismissed for not maintaining the required 3.00 GPA.

Post-Baccalaureate Students

Those students who have completed a baccalaureate degree but who have not applied and been admitted to the Graduate School shall not receive graduate credit for courses previously taken. These post-baccalaureate students shall enroll as undergraduates and must secure undergraduate class enrollment permits. Under no circumstances can undergraduate credit earned as a post-baccalaureate student be counted as graduate credit at a later date. Post-baccalaureate students are not permitted to enroll in 800-level or higher courses as such courses are available only for graduate credit for admitted graduate students.

Seniors and Graduate Study

Seniors in their final semester, or summer term, at FHSU who have less than a full program of undergraduate courses for completing the bachelor's degree requirements may be admitted to graduate standing in a maximum of six graduate credit hours to complete a total semester's course load not to exceed 16 hours (not to exceed 12 hours during a summer term). This provision applies to FHSU seniors for one semester or summer term only for a total of six graduate credit hours with no further enrollments in graduate courses permitted until the baccalaureate degree is completed. There is no exception to this policy. Seniors from other educational institutions may not take graduate level courses under this policy.

The FHSU senior student who is eligible must apply and be admitted to the Graduate School prior to enrollment. Admission could be on a non-degree or degree-seeking basis. Before enrollment in any graduate course, the undergraduate advisor must request, in writing, permission from the Graduate Dean for the FHSU senior student to enroll in a course for graduate credit. The FHSU senior student is not permitted to enroll until written permission is given by the Graduate Dean.

Enrollment

Each student should check at the Graduate School before each enrollment to see that records are complete, correct, and up to date. Any questions about grades, programs, requirements, or graduation may be answered at that time.

Any graduate student not enrolled for three years will be required to update the information on the original application for admission.

Graduate Student Responsibility

Admission to and continuation in graduate study presupposes a high degree of initiative on the part of the student. It is the student's responsibility to carry on intellectual study at a high level and to initiate and follow necessary procedures to attain the degree. In no case will a requirement be waived or an exception granted because a student pleads ignorance of the requirements and policies of the Graduate School stated in this catalog, in departmental guidelines, and/or elsewhere (e.g., website).

It is the student's responsibility to: (1) follow all policies of the department, Graduate School, and university; (2) meet all requirements for the graduate degree; (3) meet all deadlines; (4) understand and follow all policies and procedures concerning academic honesty; (5) consult with the assigned advisor on all matters pertaining to the degree program or changes to the degree program; (6) promptly answer any written notices from the advisor, faculty, department, dean, or other university officers; (7) enroll in only those courses for which the stated prerequisites have been met; (8) follow all departmental, Graduate School, and university policies on human subject and animal research; and (9) be familiar with the information in the department, Graduate School, and university publications, including the university catalog.

Any exception to regulations, policies, or procedures contained in the Graduate School section of the university catalog or to Graduate School policies and procedures as stated elsewhere requires the written and signed approval of the Graduate Dean.

While the personnel of the Graduate School and the student's advisor will endeavor to aid in every way possible, the responsibility for any error in meeting the requirements of the Graduate School, as stated in the university catalog or elsewhere, and the requirements of the department of the major, rests with the student.

Academic Honesty

Membership in the FHSU learning community imposes upon the student a variety of commitments, obligations and responsibilities. It is the policy of FHSU to impose sanctions on students who misrepresent their academic work. These sanctions will be selected by appropriate classroom instructors or other designated persons consistent with the seriousness of the violation and related considerations.

Examples of academic dishonesty include but are not limited to: (1) Plagiarism – taking someone else's intellectual work and presenting it as one's own (which covers published and unpublished sources). Using another's term paper as one's own; handing in a

paper purchased from an individual or agency; submitting papers from living group, club or organization files; or using another's computer program or document are all examples of plagiarism. Standards of attribution and acknowledgment of literary indebtedness are set by each discipline. Faculty is encouraged to include disciplinary or class-specific definitions in course syllabi. Students should consult with their department or with recognized handbooks in their field if in doubt. (2) Cheating is unacceptable in any form. Examples include consultation of books, library materials or notes during tests without the instructor's permission; use of crib sheets or hidden notes; intentional observation of another student's test; receipt of a copy of an exam or questions or answers from an exam to be given or in progress; substitution of another person for the student on an exam or another graded activity; deliberate falsification of lab results; submission of falsified data; alteration of exams or other academic exercises; and collaboration on projects where collaboration is forbidden. (3) Falsification, forgery or alteration of any documents pertaining to assignments and examinations. (4) Students who (cooperate or in other ways promote) participate in promoting cheating or plagiarism by others (or who take credit for the work of others) will also be in violation of this policy.

Students participating in any violation of this policy must accept the consequences of their actions. Classroom instructors and/or university review/appeals committees and administrators will assess the sanctions for violation of this policy. The seriousness of the violation will dictate the severity of the sanction imposed. Academic sanctions may include but not be limited to any of the following: (a) verbal or written warning; (b) lowering of grade for assignment/activity; (c) lowering of term grade; (d) failure of class assignment.

Administrative sanctions may include but not be limited to either of the following: (a) suspension from the University; (b) dismissal from the University.

Students are guaranteed due process and may initiate an academic appeal according to the Graduate School's published Academic Appeals policy and procedures.

Appeal of Academic Evaluation

Students shall have protection through orderly procedures against arbitrary or capricious academic evaluation. In matters relating to evaluation of academic performance, an informal as well as a formal procedure exists. The student should first consult with the professor(s) involved. If the issue is not resolved at that level, the student may consult with the chair of the department who will, if necessary, inform the student of the Graduate School's appeals policy and procedures.

Dismissal

The Graduate Dean may terminate a student's graduate status at any time because of unsatisfactory academic performance.

Time Limits

All courses for a graduate degree program must be completed within eight years. The time begins with the beginning of the

semester or summer term that the first course is taken on the degree program. Outdated credit will not be applied toward a degree. Validating examinations for outdated credit may be given upon approval of the instructor of the course to be validated and the Graduate Dean. Action for the validating examination must be initiated by the department through a petition to the Graduate Dean. No course may be transferred for which validation will be required because of the eight-year time limit.

Course Load

A maximum course load for graduate students is 15 hours for the fall and spring semesters and nine hours for the summer term. Any change from this rule must have approval by the major advisor and the Graduate Dean.

A student with a graduate assistantship must carry at least six semester hours of graduate credit that is on the approved graduate degree program throughout each semester of the assistantship and at least three semester hours of graduate credit that is on the approved graduate degree program throughout the summer term of the assistantship.

A graduate student must be enrolled and remain enrolled in nine graduate hours each semester in order to be classified as full time during the fall and spring semesters.

Grades for Graduate Study

Graduate are expected to do uniformly high-quality work. Only grades of A, B, and C are acceptable on a degree program. A graduate student must attain at least an average grade of B (3.00) in all graduate coursework on the degree program for graduation. Some departments limit the number of hours of C grades; the student should contact the department for any departmental limits.

Removing an Incomplete

Arrangements for completing a graduate course for which an incomplete (I) is given should be made by the student as soon as possible. All incomplete work should be completed within a year after the I is given.

If the graduate work is not completed within a one-year time limit, the I will remain on the record; graduate credit can be given only when the graduate student re-enrolls in the graduate course and satisfactorily completes the graduate course.

This one-year time limit rule shall not apply to students admitted to the Graduate School for graduate credit in courses based on individual study such as thesis, problems, readings, research, practicum, and independent study.

The one-year time limit rule to complete a graduate course will apply to all other courses, including workshops and seminars, in which coursework taken for graduate credit is normally completed in the process of the regular semester or summer term.

Entrance Examinations

No general entrance examination is required by the Graduate School. However, individual departments may require certain qualifying

examinations or other evidence of admissibility before admission, before enrollment, or at some time during the student's program. Among the examinations that a department may require are the Graduate Record Examination (GRE), the Miller Analogies Test (MAT), the Graduate Management Admission Test (GMAT), and the Test of English as a Foreign Language (TOEFL) for international students.

Exchange Agreement

Graduate schools in Kansas universities recognize the need to cooperate in providing the opportunity for graduate students to receive the best advanced education possible in the state. They also have the responsibility to assure that the facilities available within the state are used efficiently and made available to qualified students regardless of the school in which they are candidates for degrees. To these ends, State of Kansas institutions of higher education under the Board of Regents provide a mechanism by which graduate students may take work at a state institution other than the one in which they are enrolled.

Students admitted to the Graduate School in any one of the state universities may, under prescribed circumstances, take graduate work at another of the schools. A student participating in this exchange program will be accepted into the host school without a complete formal application, with the student's status at the home school being recognized by the Graduate School at the host university. It is assumed that a participating student will remain a degree candidate at the home school unless the student wants to make formal application for admission and be accepted by the host school. The student would then be subject to the rules and regulations of the host school. Interested students should contact the Graduate Dean for details and a statement of current academic standing.

Course Levels for Graduate Study

600-699

Undergraduate, upper-division and Graduate I students. Graduate students enrolled in 600-699 level course will be expected to produce a greater quantity and quality of work that clearly demonstrates their mastery of the subject matter which surpasses that of undergraduates enrolled in the same course.

800-899

Graduate I students; graduate credit only.

900-999

Graduate II students; graduate credit only.

Graduate I

Courses designed primarily for master's students who have accumulated less than 31 credit hours of graduate work.

Graduate II

Courses designed primarily for specialist's students who have completed more than 30 credit hours of graduate work.

Change of Major

A graduate student wishing to change the major program must apply for admission to the new major through the Graduate School and pay the \$40 (or \$50) application fee. If admitted into a new major, the department of the new major will determine if any course or courses taken in the previous major will apply toward the new major. The student must meet all admission requirements of the new major and the Graduate School. A student can be admitted in only one graduate degree program at a time.

Change of Concentration in the Major

If a graduate student wishes to change the concentration within the major in the department and has already been admitted to the degree program, a new application form and personal statement must be completed so that the department may approve the new concentration. If you are admitted to the Master of Liberal Studies program and wish to change your concentration area, you will need to complete a new personal statement but will NOT need to reapply.

Teacher Certification

Prospective graduate students should understand that the material in this catalog that relates to graduate study and to the Graduate School applies only to requirements for graduate degrees and has no direct relation to certification, licensure, or certificates for school teachers or other school personnel. The Graduate School gives no assurance that a program for a graduate degree and a program for certification, recertification, or licensure will coincide. Graduate students and prospective graduate students who are interested in certification, recertification, or licensure should confer with the Dean of the College of Education at the beginning of a degree program or at the time of application for admission.

FHSU ONLINE

The FHSU Online is the administrative unit charged with coordinating all distance learning and off-campus programs for Fort Hays State University. Distance learning (or virtual learning) is accomplished when students and faculty are remote or “at a distance” and connected through interactive technologies. Degree, non-degree, and certificate programs are offered through the FHSU Online for off-campus students who prefer the convenience of technology-delivered courses. All colleges at Fort Hays State University--the Colleges of Arts, Humanities, and Social Sciences; Business and Entrepreneurship; Education; Health and Behavioral Sciences; Science, Technology, and Mathematics; and the Graduate School--cooperate with the FHSU Online to extend the institution’s academic instructional resources to the people of western Kansas and beyond, including out-of-state, out-of-country, and military personnel.

Independent Study

Independent study is a self-directed, self-paced course of instruction, e.g., practicum, student teaching, field trips, and other specifically arranged instruction.

Non-Credit Activity

The FHSU Online serves as the coordinating office for non-credit professional development, certification, and public service activities. These activities are offered in conjunction with one of FHSU’s academic units.

Pre-Professional Curricula

Fort Hays State University offers pre-professional study in preparation for entry into professional programs at other colleges and universities. Four-year, pre-professional programs are available in physical therapy, occupational therapy, veterinary, medicine and dentistry. All of these programs meet the requirements for further study at the graduate level.

Pre-Medical and Other Health Professions

Pre-Medicine

Two faculty advisors manage the pre-medical program at Fort Hays State University. Students seeking acceptance into medical school should work with these faculty advisors to do the following while at FHSU: 1) pursue a Bachelor's degree in one of the liberal arts or sciences; 2) successfully complete the required pre- medical courses, primarily in the fields of biology, chemistry, mathematics, physics, and the social sciences; and 3) take the Medical College Admissions Test (MCAT). These faculty advisors can also provide guidance with regard to the application services for medical school admissions, the interview process at the medical schools, and the wide variety of programs offered by medical schools.

Pre-Chiropractic, Pre-Osteopathy and Pre- Podiatry

Students interested in these three pre-professional programs generally follow the course outlined in the pre- medicine program above. However, all students wishing to study a pre-chiropractic, pre-osteopathy or pre-podiatry academic program should consult one of the pre-medicine advisors.

Pre-Dentistry

Fort Hays State University students seeking admission to dental school should contact the Pre-Dental advisors to get the latest information regarding dental schools and their pre-requisites. Pre-dental students should pursue a regular Bachelor's degree in one of the liberal arts or sciences, excel in the required Pre-Dental course work (mainly in biology, chemistry, and physics), and take the Dental Admissions Test (DAT). The Pre-Dental advisors can also offer guidance to the application service for dental schools (AADSAS), changes in dental school requirements and curriculum, and the interview process for prospective dental students.

Pre-Optometry

The pre-optometry advisors at Fort Hays State University offer guidance to students seeking admission to an optometry school regardless of the student's major. The successful applicant to optometry school will have:

1) completed a Bachelors' degree in one of the liberal arts or sciences; 2) mastered the basic pre-requisite course

work, mainly in biology, chemistry, mathematics, and physics; and 3) done well on the Optometry Admissions Test (OAT). Guidance regarding the application service for optometry school admission (OptomCAS), interviewing as part of the admissions process, and the curricula that optometry schools offer to their students, will also be provided by the Pre- Optometry advisors.

Pre-Pharmacy

Pre-pharmacy at Fort Hays State University is a two- year program advised by several faculty members. The required courses for pre-pharmacy - mainly in the fields of biology,

chemistry, mathematics, and physics - and the Pharmacy College Admissions Test (PCAT), should be completed by students seeking admission into pharmacy school. The pre-pharmacy advisors can also assist students in completing the pharmacy school application through PharmCAS, preparing for interviews at the pharmacy schools, and extra-curricular activities that can help prospective pharmacy students achieve success.

Bachelor of Science: Biology (Pre-Medicine)

General Education Program (34-35 hours)

Starting Fall 2023

<u>Course No.</u>	<u>Course Title</u>	<u>Hrs.</u>
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English (6 hours)

ENG 101	English Composition I	3
ENG 102	English Composition II	3

Communication (3 hours)

COMM 100	Fundamentals of Oral Communication	3
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Math and Stats (3 hours)

MATH 105	College Algebra with Review	3
MATH 110	College Algebra	3
MATH 234	Analytic Geometry and Calculus I	3
MATH 331	Calculus Methods*	3

Arts and Humanities

(6 hours; 2 areas recommended)

Aesthetic

ART 180	Fundamentals and Appreciation of Art	3
ART 201	Survey of Art History I	3
MUS 161	Listening to Music	3
THTR 120	Introduction to Theatre	3

Historical

HIST 110	World Civilization to 1500	3
HIST 111	Modern World Civilization	3
HIST 130	United States History to 1877	3
HIST 131	United States History since 1877	3

Philosophical

PHIL 120	Introduction to Philosophy	3
PHIL 170	World Religions	3
PHIL 340	Ethics	3

Natural and Physical Sciences

(4 hours; 1 course w/Lab)

BIOL 180	Principles of Biology*	3
BIOL 180L	Principles of Biology Lab*	1

Social and Behavioral Sciences

(6 hours; 2 areas recommended)

Social Science Requirement (choose 1 course)

CRJ 360	Social Justice Action and Policy	3
PSY 100	General Psychology	3
SOC 140	Understanding Society	3
SOC 310	Gender and Society	3
LDRS 200	Discovering Leadership	3

<u>Course No.</u>	<u>Course Title</u>	<u>Hrs.</u>
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Engaged Global Citizens Requirement (choose 1 course)

GSCI 110	World Geography	3
POLS 105	Current Political Issues	3
SOC 333	Global Forces in a Changing World	3
TECS 391	Technology in Society	3

Institutionally Designated Area
(6 hours; 2 areas recommended)

Critical Thinking

PHIL 100	Critical Thinking	3
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Personal and Professional Development

FIN 205	Theory and Practice of Personal Finance	3
GSCI 240	Introduction to Geographic Info Systems	3
HHP 200	Personal Wellness	3
INF 101	Introduction to Computer Information Systems	3
MIL 302	Soldier Health and Fitness	3

*Counts towards General Education and the Biology major.

Other courses may fulfill the requirements.

Please check with your faculty mentor or professional advisor for other course options.

You must complete 120 credit hours to earn a bachelor's degree.

Core (16 Hours)

Required:

BIOL 180/180L*	Principles of Biology/Lab	4
BIOL 325/325L	Genetics/Lab	4
Take two of the following:		
BIOL 250/250L	Botany/Lab	4
BIOL 260/260L	Zoology/Lab	4
BIOL 490/490L	General Microbiology/Lab	4

*Counts towards General Education and the Biology major.

Structure and Function Requirement (8 hours)

Take **two** of the following, at least one of which must be a physiology course:

BIOL 330/330L	Plant Anatomy/Lab	4
BIOL 345/345L	Human Anatomy/Lab	4
BIOL 346/346L	Human Physiology/Lab	4
BIOL 450/450L	Comparative Anatomy/Lab	4
BIOL 495/495L	Plant Physiology/Lab	4

Additional Process Class (minimum 3 hours)

Take one of the following:

BIOL 395/395L	Ecology	4
BIOL 435	Cellular Biology	3
BIOL 420	Evolution	3

Upper-Division Requirements (11-28 hours)

Take any of courses with "BIOL" prefix and 300 level or above from either the list below or courses listed above that were not used to meet the requirements for that section. Courses other than those listed may be available. Talk to your faculty mentor and academic advisor. The number of credit hours completed in this section, depends on the number of credit hours completed in sections 3, 6, and 7.

BIOL 401	Virology	3
BIOL 470/471	Problems in Biology	1-4
BIOL 476	Internship in Biology	1-3
BIOL 482	Readings in Biology	1-3
BIOL 627	Behavioral Ecology	3
BIOL 642/642L	Parasitology	3
BIOL 644/644L	Embryology	4
BIOL 648	Immunology	3
BIOL 675	Microbiology of the Pathogens	3

Discipline Writing Course Graduation Requirement (3 hours)

BIOL 442 Scientific Communication 3

Cognates- Chemistry & Physics (30-40 hours)

(In consultation with advisor/mentor, depending on professional school requirements. Ask your advisor about a Chemistry minor.)

General Chemistry (10 hours)

CHEM 120/120L	University Chemistry I/ Lab	5
CHEM 122/122L	University Chemistry II/ Lab	5

Organic Chemistry elective (minimum 5 hours)

CHEM 304/304L	Essentials of Organic Chemistry/Lab	5
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Or:

CHEM 340/340L	Organic Chemistry I/Lab	5
CHEM 342/342L	Organic Chemistry II/Lab	5

Biochemistry elective (minimum 5 hours)

CHEM 360/360L	Essentials of Biochemistry/Lab	5
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Or:

CHEM 662/662L	Biochemistry I/ Lab	5
CHEM 664/664L	Biochemistry II/Lab	5

Physics (10 hours)

Take:

PHYS 111/111L	Physics I/Lab	5
PHYS 112/112L	Physics II/Lab	5

OR:

PHYS 211/211L	Physics for Sci and Engr. I/Lab	5
PHYS 212/212L	Physics for Sci and Engr. II/Lab	5

Cognates - Mathematics (minimum 6 hours)

Take one course in Statistics:

MATH 250	Elements of Statistics	3
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OR:

BIOL 620/620L	Biostatistics/Lab	4
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Take one course in Quantitative Analysis:

MATH 331	Calculus Methods*	3
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OR:

MATH 122	Plane Trigonometry	3
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*Counts towards General Education and the Biology major.

YOU MUST COMPLETE 120 CREDIT HOURS TO EARN A BACHELOR'S DEGREE.

Bachelor of Science: Biology (Pre-Veterinary)

General Education Program (34-35 hours) Starting Fall 2023

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ENG 102	English Composition II	3

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(6 hours; 2 areas recommended)

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HIST 131	United States History since 1877	3

Philosophical

PHIL 120	Introduction to Philosophy	3
PHIL 170	World Religions	3
PHIL 340	Ethics	3

Natural and Physical Sciences

(4 hours; 1 course w/Lab)

BIOL 180	Principles of Biology*	3
BIOL 180L	Principles of Biology Lab*	1

Social and Behavioral Sciences

(6 hours; 2 areas recommended)

Social Science Requirement (choose 1 course)

CRJ 360	Social Justice Action and Policy	3
PSY 100	General Psychology	3
SOC 140	Understanding Society	3
SOC 310	Gender and Society	3
LDRS 200	Discovering Leadership	3

<u>Course No.</u>	<u>Course Title</u>	<u>Hrs.</u>
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Institutionally Designated Area (6 hours; 2 areas recommended)

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Take two of the following:		
BIOL 250/250L	Botany/Lab	4
BIOL 260/260L	Zoology/Lab	4
BIOL 490/490L	General Microbiology/Lab	4

*Counts towards General Education and the Biology major.

Structure and Function Requirement (8 hours)

Take **two** of the following, at least one of which must be a physiology course:

BIOL 330/330L	Plant Anatomy/Lab	4
BIOL 345/345L	Human Anatomy/Lab	4
BIOL 346/346L	Human Physiology/Lab	4
BIOL 450/450L	Comparative Anatomy/Lab	4
BIOL 495/495L	Plant Physiology/Lab	4

Additional Process Class (minimum 3 hours)

Take one of the following:

BIOL 395/395L	Ecology	4
BIOL 435	Cellular Biology	3
BIOL 420	Evolution	3

Upper-Division Requirements (11-28 hours)

Take any of courses with "BIOL" prefix and 300 level or above from either the list below or courses listed above that were not used to meet the requirements for that section. Courses other than those listed may be available. Talk to your faculty mentor and academic advisor. The number of credit hours completed in this section, depends on the number of credit hours completed in sections 3, 6, and 7.

BIOL 401	Virology	3
BIOL 470/471	Problems in Biology	1-4
BIOL 476	Internship in Biology	1-3
BIOL 482	Readings in Biology	1-3
BIOL 627	Behavioral Ecology	3
BIOL 642/642L	Parasitology	3
BIOL 644/644L	Embryology	4
BIOL 648	Immunology	3
BIOL 675	Microbiology of the Pathogens	3

Discipline Writing Course Graduation Requirement (3 hours)

BIOL 442 Scientific Communication 3

Cognates- Chemistry & Physics (30-40 hours)

(In consultation with advisor/mentor, depending on professional school requirements. Ask your advisor about a Chemistry minor.)

General Chemistry (10 hours)

CHEM 120/120L	University Chemistry I/ Lab	5
CHEM 122/122L	University Chemistry II/ Lab	5

Organic Chemistry elective (minimum 5 hours)

CHEM 304/304L	Essentials of Organic Chemistry/Lab	5
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Or:

CHEM 340/340L	Organic Chemistry I/Lab	5
CHEM 342/342L	Organic Chemistry II/Lab	5

Biochemistry elective (minimum 5 hours)

CHEM 360/360L	Essentials of Biochemistry/Lab	5
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Or:

CHEM 662/662L	Biochemistry I/ Lab	5
CHEM 664/664L	Biochemistry II/Lab	5

Physics (10 hours)

Take:

PHYS 111/111L	Physics I/Lab	5
PHYS 112/112L	Physics II/Lab	5

OR:

PHYS 211/211L	Physics for Sci and Engr. I/Lab	5
PHYS 212/212L	Physics for Sci and Engr. II/Lab	5

Cognates - Mathematics (minimum 6 hours)

Take one course in Statistics:

MATH 250	Elements of Statistics	3
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OR:

BIOL 620/620L	Biostatistics/Lab	4
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Take one course in Quantitative Analysis:

MATH 331	Calculus Methods*	3
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OR:

MATH 122	Plane Trigonometry	3
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*Counts towards General Education and the Biology major.

YOU MUST COMPLETE 120 CREDIT HOURS TO EARN A BACHELOR'S DEGREE.

Other Pre-Professional Curricula

Pre-Law

Pre-law at Fort Hays State University is a reputable four-year program available through the Department of Political Science. Students seeking admission to law schools should pursue a Bachelor of Arts in Political Science, and concentrate their elective courses on a variety of pre-law subjects. Membership with the Pre-Law Society, which provides networking opportunities with other students, attorneys, judges and universities, is also recommended to students. Law schools prefer exceptional scores on the Law School Admission Test (LSAT). The pre-law advisor can offer guidance to form the best academic experience and ensure access to top law schools across the country.

Pre-Theology

The four-year pre-theology program at Fort Hays State University has been crafted to meet the suggestions of the American Association of Theological Schools. An advisor is available to help students decide which Bachelor of Arts degree to pursue—philosophy, English, or history—and how to tailor their academic experiences to best result in a successful career. Pre-theological students should consult denominational authorities for specific information about acceptable theological schools and their requirements.

Pre-Engineering

Those planning to receive a pre-engineering degree from Fort Hays State University should consult the program advisor. Preengineering students have two options: the 2+2 Program or the 3+2 Program. 2+2 Program students major exclusively in Engineering, and are exposed to basic pre-engineering coursework during the first two years of their education. Following course completion, they can continue in their FHSU studies with careful consideration of other universities' program requirements or transfer to the engineering school of their choice. Students enrolled in the 3+2 Program will obtain additional credits for a B.S. in physics to accompany their pre-engineering program credits. After completion of this program at FHSU, they can transfer to the engineering school of their choice. Although this program requires three years of residence at FHSU, students will attain a broad educational background designed to further their careers.

Pre-Political Management

Fort Hays State University's pre-political management program trains students in political campaigning practice and theory in a hands-on environment. FHSU students should consult with program advisor to ensure success. Students who choose this degree will focus their studies to receive a Bachelor of Arts in Political Science with a concentration in Political Management. They will be exposed to course topics such as campaign management, fundraising, media and politics and others. The curriculum will ensure success in careers such as political reporter in news networks, political firm consultants, and political experts for campaign parties and interest groups.

Pre-Public Administration

Those seeking a degree in pre-public administration will work with the advisor to create coursework tailored to their needs. Those who complete the program will receive a Bachelor of Arts in Political Science with a concentration in Public Administration. Those with an interest in public service positions and governmental jobs at the local, state and federal level should find success in this degree.

Pre-Physical Therapy (Health and Human Performance)

The B.S. in Health and Human Performance, with a concentration in Sport and Exercise Therapy concentration, is designed to assist students in their preparation for entrance application for professional programs in physical therapy. Individuals wishing to enter a professional health program should pursue an undergraduate major in the discipline of their choice, but should take whatever additional courses may be necessary as prerequisites for admission to the specific professional school of interest. Students are encouraged to locate the specific admissions requirement for the school of interest and work with their program advisor to ensure that all admissions requirements are met prior to graduation from Fort Hays State University.

College of Arts, Humanities and Social Sciences

Departments: School of Criminal Justice, Leadership and Sociology; School of Visual and Performing Arts; Department of Communication Studies, Law and Political Science, Department of English and Modern Languages, and Department of History and Philosophy

Department Leadership: Dr. David Macey, Dean and Dr. Brad Will, Assistant Dean

For updated information, see our website at www.fhsu.edu/coas.

Science, language, fine arts, politics, and music. The College of Arts, Humanities & Social Science offers these and more to our students. Regardless of where your passion lies, the College will have something you can enjoy and excel in.

Higher education is a controlled and concentrated preparation for life, and a liberal arts education is a preparation for living that life to the fullest. The College of Arts & Sciences strives to develop skills and abilities to work with others and develop the students for a successful life after college.

The College of Arts, Humanities & Social Science values, appreciates, and enjoys the wonder of human culture and the natural world. Through its forward-thinking curriculum and hard-working faculty, the College of Arts, Humanities & Social Science can prepare you for whatever you choose.

Mission Statement

The mission of the College of Arts, Humanities, and Social Sciences is to prepare the responsible student for citizenship, personal growth, and the 21st century workplace by striving to provide value-centered liberal arts education anytime, anyplace at an affordable cost.

In the accomplishment of this mission, the college takes special pride in helping Fort Hays State University serve as the door of opportunity for generations of rural and urban citizens who might otherwise never discover the intellectual challenges and benefits of a liberal arts education because of the cost of American elite, private colleges. The word liberal is derived from the Latin root “libertas” meaning “freedom.” The combining of the knowledge, skills, and perspective of the arts and sciences with professional study in a particular field provides the individual learner with the freedom to realize one’s potential as a human being.

Liberal education is not only education for employment; it is education for life that empowers the individual to assume many roles in a complex world where future careers in the emerging knowledge society have yet to be discovered.

Degrees Offered

At the undergraduate level, a student may select the Bachelor of Arts, Bachelor of Fine Arts, Bachelor of Science, and Bachelor of Music degrees. A self-directed Bachelor of General Studies is available as a degree program that provides for a 21-hour concentration instead of a specific major. In addition, the college offers an 18- hour concentration in **ethnic studies** that can be added to any university major.

At the graduate level, the college offers the Master of Arts, Master of Fine Arts, Master of Liberal Studies, and Master of Science.

School of Criminal Justice, Leadership and Sociology

For more information about the Criminal Justice program, visit the website at www.fhsu.edu/criminaljustice.

Society depends on criminal justice professionals to help protect and promote the common good. The Department of Criminal Justice at Fort Hays State University will prepare you for a **rewarding career in law enforcement, corrections, or the legal system**. Learn the **theory behind criminal justice practices** while **customizing your degree program** to suit your interests. Get [hands-on experience](#) and a **global perspective** highly valued by future employers.

Criminal Justice at FHSU:

We challenge students to master crucial roles in a criminal justice system that must adapt to rapidly accelerating change—at the local, state, national, and global level.

You'll develop skills and qualities like these:

- An understanding of the nature of crime and the agencies and processes that work against it.
- Knowledge about principles that form the nation's approach to crime and the discretion needed for dealing with different cases.
- The ability to think critically and solve problems.
- The ability to communicate well, verbally and in writing.

FHSU Criminal Justice graduates lead as well as serve, and they perform with competence, innovation, and integrity. The quality of protection and security of tomorrow begins with purposeful preparation today.

Criminal Justice Faculty & Staff

See department page online for full listing

Bachelor of Arts: Criminal Justice

You've decided your field of study, now it's time to decide which type of degree to choose. There are two types of bachelor's in Criminal Justice available- the BA in Criminal Justice and BS in Criminal Justice. The main difference being the Bachelor of Arts degree requires 10 credit hours of language (such as Spanish I & II), while the Bachelor of Science does not. The choice is yours!

All majors take the same 24-hour core curriculum in Criminal Justice, but then, working with your academic advisor, you can tailor the remaining 21 hours of your degree program around your specific interests and career objectives.

Program of Study Summary

- General Education
 - Bachelor of Arts – 46 Credit Hours
 - Bachelor of Science – 36 Credit Hours
- Core Curriculum: 24 Credit Hours
- Major Electives: 21 Credit Hours
- Free Electives
 - Bachelor of Arts – 29 Credit Hours
 - Bachelor of Science – 39 Credit Hours

Total: 120 Credit Hours

45 Hour Major

Core (24 credit hours)

- CRJ 100 Workshop in Criminal Justice: Careers In Criminal Justice (1 Credit Hour)
- CRJ 101 Introduction to Criminal Justice (3 Credit Hours)
- CRJ 200 Criminology (3 Credit Hours)
- CRJ 215 Technical & Report Writing in Criminal Justice (2 Credit Hours)
- CRJ 245 Ethics in Criminal Justice (3 Credit Hours)
- CRJ 307 Administration of Justice Systems (3 Credit Hours)
- CRJ 310 Comparative Justice Systems (3 Credit Hours)
- CRJ 399 Criminal Justice Research (3 Credit Hours)
- CRJ 499 Capstone Seminar: Critical Issues in Criminal Justice (3 Credit Hours)

Major Electives (21 Hours - Must have at least 1 course from each of the subdivisions)

Policing

- CRJ 302 Digital and Cybercrime (3 Credit Hours)
- CRJ 315 Security Administration - formerly known as Private Security (3 Credit Hours)
- CRJ 320 Introduction to Law Enforcement (3 Credit Hours)
- CRJ 325 Law Enforcement in the Community (3 Credit Hours)
- CRJ 355 Criminal Investigations (3 Credit Hours)
- CRJ 370 Terrorism (3 Credit Hours)
- CRJ 395 Crime Analysis (3 Credit Hours)

Offenders & Victims

- CRJ 305 Corporate Crime and Deviance (3 Credit Hours)
- CRJ 327 Juvenile Justice Systems (3 Credit Hours)
- CRJ 331 Criminal Law and Procedure (3 Credit Hours)
- CRJ 335 Civil Liability (3 Credit Hours)
- CRJ 341 Introductions to Corrections (3 Credit Hours)
- CRJ 345 Community Corrections (3 Credit Hours)
- CRJ 365 Woman and Crime (3 Credit Hours)

- CRJ 367 Victim Advocacy (3 Credit Hours)
- CRJ 374 Mental Health and the Criminal Justice System (3 Credit Hours)

Criminology

- CRJ 330 Culture and Crime (3 Credit Hours)
- CRJ 340 Gender, Race & Inequality in Criminal Justice (3 Credit Hours)
- CRJ 350 Drugs and Society (3 Credit Hours)
- CRJ 375 Serial Predators (3 Credit Hours)
- CRJ 377 Crime and Society (3 Credit Hours)
- CRJ 385 Victimology (3 credit hours)
- CRJ 390 Sex Crimes (3 Credit Hours)

Other Electives

- CRJ 100 Workshop in Criminal Justice (1-3 Credit Hours)
- CRJ 380 Topics in Criminal Justice (3 Credit Hours - variable courses)
- CRJ 600 Internship
- CRJ 670 Independent Study

Bachelor of Science: Criminal Justice

You've decided your field of study, now it's time to decide which type of degree to choose. There are two types of bachelor's in Criminal Justice available- the BA in Criminal Justice and BS in Criminal Justice. The main difference being the Bachelor of Arts degree requires 10 credit hours of language (such as Spanish I & II), while the Bachelor of Science does not. The choice is yours!

All majors take the same 24-hour core curriculum in Criminal Justice, but then, working with your academic advisor, you can tailor the remaining 21 hours of your degree program around your specific interests and career objectives.

Program of Study Summary

- General Education
 - Bachelor of Arts – 46 Credit Hours
 - Bachelor of Science – 36 Credit Hours
- Core Curriculum: 24 Credit Hours
- Major Electives: 21 Credit Hours
- Free Electives
 - Bachelor of Arts – 29 Credit Hours
 - Bachelor of Science – 39 Credit Hours

Total: 120 Credit Hours

45 Hour Major

Core (24 credit hours)

- CRJ 100 Workshop in Criminal Justice: Careers In Criminal Justice (1 Credit Hour)
- CRJ 101 Introduction to Criminal Justice (3 Credit Hours)
- CRJ 200 Criminology (3 Credit Hours)
- CRJ 215 Technical & Report Writing in Criminal Justice (2 Credit Hours)
- CRJ 245 Ethics in Criminal Justice (3 Credit Hours)
- CRJ 307 Administration of Justice Systems (3 Credit Hours)
- CRJ 310 Comparative Justice Systems (3 Credit Hours)
- CRJ 399 Criminal Justice Research (3 Credit Hours)
- CRJ 499 Capstone Seminar: Critical Issues in Criminal Justice (3 Credit Hours)

Major Electives (21 Hours - Must have at least 1 course from each of the subdivisions)

Policing

- CRJ 302 Digital and Cybercrime (3 Credit Hours)
- CRJ 315 Security Administration - formerly known as Private Security (3 Credit Hours)
- CRJ 320 Introduction to Law Enforcement (3 Credit Hours)
- CRJ 325 Law Enforcement in the Community (3 Credit Hours)
- CRJ 355 Criminal Investigations (3 Credit Hours)
- CRJ 370 Terrorism (3 Credit Hours)
- CRJ 395 Crime Analysis (3 Credit Hours)

Offenders & Victims

- CRJ 305 Corporate Crime and Deviance (3 Credit Hours)
- CRJ 327 Juvenile Justice Systems (3 Credit Hours)
- CRJ 331 Criminal Law and Procedure (3 Credit Hours)
- CRJ 335 Civil Liability (3 Credit Hours)
- CRJ 341 Introductions to Corrections (3 Credit Hours)
- CRJ 345 Community Corrections (3 Credit Hours)
- CRJ 365 Woman and Crime (3 Credit Hours)

- CRJ 367 Victim Advocacy (3 Credit Hours)
- CRJ 374 Mental Health and the Criminal Justice System (3 Credit Hours)

Criminology

- CRJ 330 Culture and Crime (3 Credit Hours)
- CRJ 340 Gender, Race & Inequality in Criminal Justice (3 Credit Hours)
- CRJ 350 Drugs and Society (3 Credit Hours)
- CRJ 375 Serial Predators (3 Credit Hours)
- CRJ 377 Crime and Society (3 Credit Hours)
- CRJ 385 Victimology (3 Credit Hours)
- CRJ 390 Sex Crimes (3 Credit Hours)

Other Electives

- CRJ 100 Workshop in Criminal Justice (1-3 Credit Hours)
- CRJ 380 Topics in Criminal Justice (3 Credit Hours - variable courses)
- CRJ 600 Internship
- CRJ 670 Independent Study

Bachelor of Science: Criminalistics:

A program that focuses on the application of the physical, biomedical, and social sciences to the analysis and evaluation of physical evidence, human testimony, and criminal suspects.” Includes instruction in forensic medicine, forensic dentistry, anthropology, psychology, entomology, pathology, forensic laboratory technology and autopsy procedures, DNG and blood pattern analysis, crime scene analysis, crime scene photography, fingerprint technology, document analysis, witness and suspect examination procedures, applicable law and regulations, and professional standards, and ethics.

Bachelor of Science in Criminalistics	
CHEM 120/120L	University Chemistry 1 + Lab (5) (Meets general education Natural Scientific Lecture and Lab mode of inquiry)
CHEM 122/122L	University Chemistry 2 + Lab (5)
CRJ 200	Criminology (3)
CRJ 210*	Criminalistics (3)
CRJ 245	Criminal Justice Ethics (3)
CHEM 304/304L or CHEM 340/340L	Essentials of Organic Chemistry + Lab (5) or Organic Chemistry 1 + Lab (5) for chemistry concentration
CRJ 307	Administration of Justice Systems (3)
CRJ 335	Criminal Law & Procedure (3)
CRJ 355	Criminal Investigation (3)
CHEM 360/360L or CHEM 662/662L	Essentials of Biochemistry + Lab (5) or Biochemistry 1 + Lab (5) for chemistry concentration
CHEM 380	Introduction to Forensic Science (3)
CRJ 395	Crime Analysis (3)
Either:	
CRJ 499	Capstone Seminar in Criminal Justice (3)
CRJ 600	Internship (3)
Total Core Hours	47 hours

*The is one of two courses that will be created for the Bachelor of Science in Criminalistics with the second course created for the biology concentration

Building on the core courses, Criminalistics students will choose one of three concentrations to complete program hours. These are Forensic Chemistry (26 hours), Forensic Biology (27 hours), and Crime Mapping & Spatial Analysis (30 hours). Each concentration takes advantage of existing FHSU courses taught by existing faculty across campus, with a focus on providing students with both a foundation of natural science practicum and theory, as well as on how forensic and/or geographic evidence from that discipline is used within criminal proceedings. Finally, the Criminalistics degree, including the core and concentration, can be completed within the 120-hour requirement of KBOR.

Forensic Chemistry Concentration Courses (26 hours)	
CHEM 342/L	Organic Chemistry 2 + Lab (5)
CHEM 350/L	Chemical Analysis + Lab (5)
CHEM 656/L	Instrumental Analysis + Lab (5)
CRJ 350	Drugs & Society (3)
CRJ 390	Sex Crimes (3)
One of the following:	
CHEM 352/352L	Environmental Chemistry + Lab (5)
CHEM 666 & CHEM 634L	Inorganic Chemistry (3) + Advanced Physical and Inorganic Laboratory (2)
CHEM 664/L	Biochemistry 2 + Lab (5)
CHEM 430/430L	Survey of Physical Chemistry + Lab (5)
Potential Career:	
	Crime lab analyst Forensic lab analyst/pathologist Quality investigator scientist Chemical safety officer Pharmaceutical chemical methods lab development scientist
Real World Applications:	
	Forensic evidence recovery/research/molecular testing
	Instrumental methods of chemical analysis
	Qualitative and quantitative chemical analysis

Chemistry Concentration Requirements

General Education Requirements: 30 credit hours for first time freshmen or transfer students beginning fall 2023 (waiving the natural and physical sciences discipline area that will be fulfilled through the B.S. in Criminalistics requirement)

Program Core Requirements: 47 credit hours

Program Concentration Requirements: 26 hours

Electives: 18 – 19 hours

Program Hours: 120 credit hours

Forensic Biology Concentration Courses (27 hours)	
BIOL 180/180L	Principles of Biology + Lab (4)
BIOL 240/240L	Microbiology for Allied Health + Lab (4)
BIOL 325/325L	Genetics + Lab (4)
BIOL 345/345L	Human Anatomy + Lab (4)
BIOL 346/346L	Human Physiology + Lab (4)
BIOL 685**	Molecular Biology (4)
One of the following:	
CRJ 350	Drugs & Society (3)
CRJ 375	Serial Predators (3)
CRJ 390	Sex Crimes (3)
Potential Career:	
	DNA analyst Deputy Coroner
Real World Applications:	
	Identification of unknown individuals through DNA, biometrics or friction ridge impressions (e.g., fingerprints)

**BIOL 685 is the second course that will be developed for the program; however, it is specific to the biology concentration and will have no impact on core requirements or the chemistry and geosciences concentrations.

Biology Concentration Requirements

30 credit hours for first time freshmen or transfer students beginning fall 2023 (waiving the natural and physical sciences discipline area that will be fulfilled through the B.S. in Criminalistics requirement)

Program Core Requirements: 47 credit hours

Program Concentration Requirements: 27 hours

Electives: 16 hours

Program Hours: 120 credit hours

Crime Mapping & Spatial Analysis Concentration Courses (30 hours)	
GSCI 240	Intro to GIS (3)
GSCI 360	Intermediate GIS (3)
GSCI 290	Cartography (3)
GSCI 330	Remote Sensing Concepts (3)
GSCI 603	Urban Geography (3)
GSCI 630	Geostatistics (3)
GSCI 625	Advanced GIS (3)
GSCI 655	GIS Programming (3)
CRJ 275	Crime & Society (3)
SOC 684	Social Problems (3)
Potential Career:	Crime data analyst
Real World Applications:	Identifying the spatial patterns of crime incidents Geographic profiling

Crime Mapping & Spatial Analysis Concentration Requirements

General Education Requirements: 30 credit hours for first time freshmen or transfer students beginning fall 2023 (waiving the natural and physical sciences discipline area that will be fulfilled through the B.S. in Criminalistics requirement)

Program Core Requirements: 47 credit hours

Program Concentration Requirements: 30 hours

Electives: 13 hours

Program Hours: 120 credit hours

Minor in Criminal Justice (on campus or online)

Students can earn a minor in criminal justice by passing CRJ 101 Introduction to Criminal Justice AND CRJ 200 Criminology plus 15 additional hours of criminal justice courses.

Certificates in Criminal Justice

Select from Nine Certificates to Supplement Your Career Focus

Certificate in Corrections (choose 12 credit hours)

[Intent to Complete a Certificate in Corrections](#)

The primary purpose of this program is to accommodate in-service officers interested in a specialized field and undergraduate majors in the social sciences with a specific interest in the field of corrections.

Specific career opportunities include corrections officer, human services aide, residential juvenile counseling, street outreach counseling and juvenile corrections officer.

Upon completion of this certificate, students will demonstrate a thorough understanding of the functions of corrections within the broader criminal justice system.

- CRJ 100 Workshop in Criminal Justice - Corrections (1-3 credit hours)
- CRJ 327 Juvenile Justice Systems (3 credit hours)
- CRJ 341 Introduction to Corrections (3 credit hours)
- CRJ 345 Community Corrections (3 credit hours)
- CRJ 350 Drugs and Society (3 credit hours)
- CRJ 365 Women and Crime (3 credit hours)
- CRJ 374 Mental Health and Criminal Justice Systems (3 credit hours)
- CRJ 380 Topics in Criminal Justice - Corrections (3 credit hours)
- CRJ 600 Internship (with approval) (3 credit hours)
- CRJ 670 Independent Study (with approval) (3 credit hours)
- CRJ 675 Seminar in Criminal Justice (3 credit hours)
- PSY 230 Psychology of Human Motives (3 credit hours)

Certificate in Crime Mapping and Analysis (12 credit hours)

[Intent to Complete a Certificate in Crime Mapping & Analysis](#)

The certificate in Crime Mapping and Analysis is designed to familiarize the criminal justice practitioner or future practitioner with crime analysis and geographic information systems, to better understand crime mapping and the impact that it has for keeping communities safe. The certificate combines practical and theoretical bases of knowledge towards this end. Students are ideally pursuing a major or minor in either Criminal Justice and/or Geosciences.

Courses required to earn the Certificate in Crime Mapping & Analysis include:

- CRJ 355 Criminal Investigation (3 credit hours)
- CRJ 395 Crime Analysis (3 credit hours)
- GSCI 240 Intro to Geographic Information Systems (3 credit hours)
- GSCI 360 Intermediate Geographic Information Systems (3 credit hours)

Certificate in Criminal Justice (choose 9 hours)

[Intent to Complete a Certificate in Criminal Justice](#)

The certificate in criminal justice is designed for non-majors who are interested in pursuing topics related to criminal justice. The certificate provides a foundation of the criminal justice system (CRJ 101 Intro to Criminal Justice) and theories of crime and criminal behavior (CRJ 200 Criminology). Students then can complete a criminal justice elective to expand on a specific topic/issue related to crime and justice.

- CRJ 101 Introduction to Criminal Justice (3 credit hours)
- CRJ 200 Criminology (3 credit hours)
- Criminal Justice Elective (3 credit hours)

Certificate in Criminal Justice Leadership (12 credit hours)

Intent to Complete a Certificate in Criminal Justice Leadership

The certificate in Criminal Justice Leadership is designed to provide the criminal justice practitioner or future practitioner the ability to develop knowledge and leadership skills specific to criminal justice processes. The certificate combines practical and theoretical bases of knowledge towards this end. In addition, the certificate serves as a precursor to the Certificate in Leadership Studies. Students pursuing the certificate may also pursue a major or minor in either program.

Courses required to earn the Certificate in Criminal Justice Leadership include:

- CRJ/LDRS 307 Administration of Justice Systems (3 credit hours)
- CRJ Upper Division Elective (3 credit hours)
- LDRS 300 Intro to Leadership Concepts (3 credit hours)
- LDRS 302 Intro to Leadership Behavior (3 credit hours)

Certificate in Criminological Theory (12 credit hours)

Intent to Complete a Certificate in Criminological Theory

The Certificate in Criminological Theory is designed to provide students with a deeper understanding of the sociological and theoretical underpinnings of the discipline. The certificate will present the foundational theories through the required courses, then allow the student to expand their study of theories through topic-specific options. Students pursuing the certificate may also pursue a major or minor in either program.

Students are required to take CRJ 200 Criminology and SOC 140 Understanding Society as foundation requirements. Students may then choose one class from each concentration area:

Foundation (6 hours)

- CRJ 200 Criminology (3 credit hours)
- SOC 140 Understanding Society: Introductory Sociology (3 credit hours)

Criminological Theory (3 hours)

- CRJ 330 Culture and Crime (3 credit hours)
- CRJ 377 Crime and Society (3 credit hours)
- CRJ 385 Victimology (3 credit hours)

Sociological Theory (3 hours)

- SOC 311 Feminist Theory (3 credit hours)
- SOC 344 Social Deviance (3 credit hours)
- SOC 361 Sociological Theory and Literature (3 credit hours)

Certificate in Juvenile Justice and Youth Development (choose 12 credit hours)

Intent to Complete a Certificate in Juvenile Justice and Youth Development

The certificate in juvenile justice and youth development is designed to familiarize the juvenile practitioner, or future practitioner, to better understand at risk youth and juvenile justice. The certificate combines practical and theoretical bases of knowledge towards this end. Students pursuing are ideally pursuing a major or minor in either Psychology and/or Criminal Justice.

Courses required to earn the Certificate in Juvenile Justice Youth Development include:

- PSY 350 Topics in Psychology: Behavioral Addictions (3 credit hours)
OR
- PSY 355 Drugs and Behavior (3 credit hours)

- PSY 400 Child and Developmental Psychology (3 credit hours)
OR
- Adolescence (3 credit hours)
- CRJ 327 Juvenile Justice (3 credit hours)
- CRJ 340 Gender, Race, and Inequality (3 credit hours)
OR
- CRJ 365 Women and Crime (3 credit hours)

Certificate in Policing and Homeland Security (choose 12 credit hours)

Intent to Complete a Certificate in Policing and Homeland Security

The certificate in law enforcement is designed to aid in developing communication skills, good judgment and decision-making skills, and display how to handle stress well within the broader context of a career in law enforcement.

The certificate provides specialized law enforcement-based coursework to provide students with the knowledge and skills needed to successfully enter the field. The certificate program allows the student to learn about community policing, police discretion, polite ethics and corruption, issues of police leadership and management, patrol requirements, professionalism and other related topics necessary for success in the field.

- CRJ 100 Workshop in Criminal Justice - Law Enforcement (1-3 credit hours)
- CRJ 315 Private Security (3 credit hours)
- CRJ 320 Introduction to Law Enforcement (3 credit hours)
- CRJ 325 Law Enforcement in the Community (3 credit hours)
- CRJ 331 Criminal Law and Procedure (3 credit hours)
- CRJ 335 Civil Liability (3 credit hours)
- CRJ 355 Criminal Investigations (3 credit hours)
- CRJ 370 Terrorism (3 credit hours)
- CRJ 380 Topics (variable content, with approval) (3 credit hours)
- CRJ 395 Crime Analysis (3 credit hours)
- CRJ 600 Internship (with approval) (3 credit hours)
- CRJ 675 Seminar (variable content, with approval) (3 credit hours)

Certificate in Social Justice (choose 12 credit hours)

Intent to Complete a Certificate in Social Justice

The Certificate in Social Justice is designed to provide students with a deeper understanding of issues of inequality across the U.S. and globally, including but not limited to gender, race, ageism, religion, and socioeconomic status. The certificate will provide students with a foundation of social justice in the core course (IDS/CRJ 360 Social Justice: Action & Policy). Then, students can focus on specific concepts by selecting three additional courses from the list that follows:

Foundation - 3 hours required

- IDS/CRJ 360 Social Justice: Action and Policy (3 credit hours)

Concepts of Social Justice - 9 hours required

- CRJ 340 Gender, Race, and Inequality in CJ (3 credit hours)
- CRJ 365 Women and Crime (3 credit hours)
- IDS 350 Diversity in the U.S. (3 credit hours)
- IDS/LDRS 407 Global Challenges (3 credit hours)
- LDRS 640 Principles of Civic Leadership (3 credit hours)
- SOC 384 Social Problems (3 credit hours)
- SOC 470 Grant Writing (3 credit hours)
- SOC 472 Social Inequality (3 credit hours)

Certificate in Victim Advocacy (choose 12 credit hours)

Intent to Complete a Certificate In Victim Advocacy

Victim advocacy, as an emerging field in the criminal and social service networks, requires a solid background in all aspects of the law, dispute resolution, human services and the like. This certificate is designed to accommodate the means for current or future victim advocates to develop basic knowledge and skills in effective advocacy.

- CRJ 327 Juvenile Justice Systems (3 credit hours)
- CRJ 331 Criminal Law and Procedure (3 credit hours)
- CRJ 340 Gender, Race, and Inequality in Criminal Justice (3 credit hours)
- CRJ 365 Woman and Crime (3 credit hours)
- CRJ 367 Victim Advocacy (3 credit hours)
- CRJ 374 Mental Health and Criminal Justice Systems (3 credit hours)
- CRJ 380 Topics in Criminal Justice - Victims (3 credit hours)
- CRJ 385 Victimology (3 credit hours)
- CRJ 600 Internship (with approval) (3 credit hours)
- CRJ 670 Independent Study (with approval) (3 credit hours)
- SOC 670 Grant Proposal Development (3 credit hours)

Master of Professional Studies: Criminal Justice (Concentration)

Program of Study Summary

MPS Core Curriculum: 9 Credit Hours

Major Concentration: 9 Credit Hours

Major Electives: 9 Credit Hours

Culminating Experience: 3 Credit Hours

TOTAL: 30 Credit Hours

Core Curriculum (9 Credit Hours)

- CRJ 815 Advanced Criminological Theory (3 Credit Hours)
- CRJ 820 Advanced Criminal Justice Research Methods (3 Credit Hours)
- SOC 621 Advanced Sociological Research (3 Credit Hours)

Major Concentration (9 Credit Hours)

- CRJ 810 Criminal Justice Systems, Policies, and Practices (3 Credit Hours)
- CRJ 830 Advanced Administrative Practices (3 Credit Hours)
- CRJ 855 Situational Ethics (3 Credit Hours)

Major Electives (9 Credit Hours)

Choose three:

- CRJ 600 Internship in Criminal Justice (3 Credit Hours)
- CRJ 605 Crime and Mental Health (3 Credit Hours)
- CRJ 650 Crime and Media (3 Credit Hours)
- CRJ 655 Correctional Administration (3 Credit Hours)
- CRJ 660 Police Administration (3 Credit Hours)
- CRJ 665 Corporate Crime (3 Credit Hours)
- CRJ 670 Independent Study (3 Credit Hours)
- CRJ 675 Seminar in Criminal Justice (3 Credit Hours)
- CRJ 680 Violence in Society (3 Credit Hours)

With approval from your advisor, you may take selected Political Science, Information Networking and Telecommunications, Leadership Studies, Psychology, and Sociology courses within your area of concentration.

Culminating Experience

In your last semester, you'll complete a research project, individualized project, or thesis as a capstone to your curriculum. Prior to beginning the culminating experience, you'll meet with your advisor to choose the option that best suits your personal and

professional goals. All options are

subject to approval or disapproval as required to meet the academic rigor for graduate study.

- CRJ 885 Advanced Research Project (3 Credit Hours)
- IDS 820 Projects in Liberal or Professional Studies (3 Credit Hours)

Comprehensive Examination

During the final semester of the graduate program, students will take a comprehensive examination. The exam consists of questions related to the program curriculum. Students will have forty-eight hours to complete the exam, which typically requires 25 – 30 typed pages of content.

Course Listings – Criminal Justice Program

Undergraduate Credit

100 Workshop in Criminal Justice (1-3) This is a variable topics course meant to facilitate the delivery of course credit attached to training programs and other continuing education sessions deemed to be of sufficient academic rigor as to justify the offering of academic credit.

101 Introduction to Criminal Justice (3) A survey of the process for managing and controlling crime and criminal offenders across the criminal justice system, including law enforcement, courts, and corrections.

200 Criminology (3) A survey of the causes and effects of criminality and of the means taken to cope with criminal behavior. Emphasis on the social context of crime, with special attention given to economic and political factors. Requisites: PR or CR, CRJ 101.

215 Technical & Report Writing (2) This course expands students' basic writing skills while developing the skills needed to write effective reports across the criminal justice system. Emphasis will be placed on technical report writing in all three major areas of criminal justice, including law enforcement, corrections, and courts, as well as on scientific writing in the discipline. Requisite: PR: CRJ 101.

245 Ethics in Criminal Justice (3) This course engages students in a critical examination of ethical issues arising in the criminal justice system in areas such as policing, corrections, and the courts. PR: CRJ 101.

302 Digital and Cyber Crime (3) This course is designed to familiarize students with issues related to crime and responses to crime occurring in the digital/online domain. Requisites: PR, CRJ 101 and CRJ 200.

305 Corporate Crime and Deviance (3) This course examines and analyzes organized crime and efforts to control it. Attention is paid to criminal organizations, including but not limited to government agencies, corporations, and corrupt individuals. Requisites: PR; CRJ 101, CRJ 200.

307 Administration of Justice Systems (3) An analysis of administrative theory and practice as it relates to justice agencies. Emphasis will be placed on organization and function. Law enforcement, corrections, and the courts will be viewed both from a systems approach, as well as individual components of the larger justice system. Requisites: PR; CRJ 101.

310 Comparative Justice Systems (3) This course examines the operation of contemporary criminal justice systems under various cultural contexts. Of particular concern will be social, economic, political, and ideological forces which have impacted the various justice systems in place in the world today. Potential areas of conflict and cooperation between and among systems will be examined. Requisites: PR; CRJ 101, CRJ 200.

315 Security Administration (3) This course examines security planning. Specifically, students will evaluate differences

between proactive versus reactive security measures, as well as differences between the public versus private sectors for controlling crime. Requisites: PR, CRJ 101, CRJ 200.

320 Introduction to Law Enforcement (3) This course provides a basic understanding of a career in law enforcement at the local, state, and federal levels, including an examination of the art of police work and the difficulties and problems officers face as they go about their complex duties. Further evaluation includes the discussion of management, police-community relations, contemporary problems and an examination of the history and the future of law enforcement. Requisites: PR, CRJ 101, CRJ 200.

325 Law Enforcement in the Community (3) This course examines and analyzes how law enforcement responds to crime. Specifically, consideration is given to procedural justice and Community-Oriented Policing and Problem-Solving (COPPS). Requisites: PR; CRJ 101, CRJ 200.

327 Juvenile Justice (3) A survey of approaches, theoretical and applied, for understanding delinquency and processes of the juvenile justice system. Practical components include the examination of law enforcement, courts, and correctional approaches to managing juveniles. Requisites: PR; CRJ 101, CRJ 200.

330 Culture and Crime (3) This course explores the intersection between crime and symbolism that results from understanding culture, critical criminological theories, the media, popular culture, social class and social control. Requisite: PR; CRJ 101, CRJ 200.

331 Criminal Law and Procedure (3) Provides an examination of criminal law in the U.S. Specifically, students will evaluate differences between Constitutional law and substantive versus procedural law. Students will explore types of offenses, concepts of criminal responsibility and criminal defense. Requisites: PR, CRJ 101, CRJ 200.

335 Civil Liability (3) The course examines and analyzes issues related to civil liability as it pertains to agencies across the criminal justice system. Requisites: PR; CRJ 101, CRJ 200.

340 Gender, Race and Inequality in Criminal Justice (3) This course examines the social construction of race/ethnicity, gender and social class in crime and crime control, with a special focus on issues of inequality within the United States. PR; CRJ 101, CRJ 200.

341 Introduction to Corrections (3) This course provides students an introduction to the treatment of criminal offenders in the U.S., including sentencing structures, jails, community corrections, probation/parole, and prisons, and the duties of correctional personnel. Requisites: PR; CRJ 101, CRJ 200.

345 Community Corrections (3) This course provides a review of probation, parole, and community corrections. Specifically, students will evaluate approaches for managing offenders in the community. Prerequisites: PR; CRJ 101, CRJ 200.

350 Drugs and Society (3) This course explores issues related to drug and alcohol use. Specifically, students will evaluate the impact that drugs have on society, criminalization, decriminalization, and legalization of drugs, and the criminal justice responses to drug use. Prerequisites: PR, CRJ 101, CRJ 200.

355 Criminal Investigation (3) This course explores elements and advanced features of criminal investigation, including duties and responsibilities of investigators throughout the process of an investigation. Prerequisites: PR, CRJ 101, CRJ 200.

360 Social Justice: Action and Policy (3) This course examines public policy decisions from the perspective of social and economic justice. Historical and contemporary implications relative to justice will be analyzed.

365 Women and Crime (3) This course explores issues related to women as offenders, victims and professionals working in the criminal justice system. Prerequisites: PR; CRJ 101, CRJ 200.

367 Victim Advocacy (3) This course explores the intersection of the criminal justice system and victim services. This course integrates research, theory, and application into working with and understanding the needs of survivors.

370 Terrorism (3) This course explores the historical and theoretical foundations of terrorism as defined by various types and motivations associated with such criminal acts and behaviors. Prerequisites: PR, CRJ 101, CRJ 200.

375 Serial Predators (3) This course explores the field of behavioral evidence analysis, referred to as criminal profiling, as it applies to understanding repeat and violent offenders. Prerequisites: PR, CRJ 101, CRJ 200.

374 Mental Health and the Criminal Justice System (3) This course explores the intersection of the criminal justice and mental health systems in the U.S. including the significance of mental health reform for shifting persons with mental illness from psychiatric to correctional facilities.

375 Serial Predators (3) The course explores the field of behavioral evidence analysis, referred to as criminal profiling, as it applies to understanding repeat and violent offenders.

377 Crime and Society (3) This course is a study of the impact specific programs and policies have on the criminal justice system in the United States. It includes identifying effective ways to enact planned change through program creation, monitoring, and assessment, examination of current issues and approaches to policy within the criminal justice system, analyzing current and empirical criminological evidence on these topics, and identifying and developing appropriate

responses to specific concerns within the criminal justice system. Prerequisites: CRJ 101, CRJ 200.

380 Topics in Criminal Justice + (1-6) This course provides knowledge related to various aspects of criminal justice, related to a topic not normally covered in the regular major curriculum. Prerequisites: PR; CRJ 101, CRJ 200.

385 Victimology (3) The course examines the historical, theoretical, methodological, and practical aspects and applications of the victim's role in the justice system and the demand for victim advocacy. Prerequisites: PR, CRJ 101, CRJ 200.

390 Sex Crimes (3) The course will explore the patterns and behaviors of sexual deviancy and the investigative practices, issues of victimology, and victim-assistance procedures relative to sex crimes. Prerequisites: PR, CRJ 101, CRJ 200.

395 Crime Analysis (3) Students will learn problem-solving approaches for analyzing crime by criminal justice agencies to reduce crime rates and increase community safety.

399 Criminal Justice Research (3) This course examines and evaluates research across the criminal justice system. Students evaluate various methods and approaches for conducting criminal justice research. Prerequisites: PR, CRJ 101, CRJ 200, CRJ 215, CRJ 245.

499 Capstone: Critical Issues in Criminal Justice (3) This course engages students in discussion and research related to the major curriculum and related course work. The course integrates and critically analyzes the student's previous learning experiences through research, evaluation, and presentation of important justice related issues. Prerequisites: PR; CRJ 101, CRJ 200, CRJ 215, CRJ 245, CRJ 250, CRJ 310, CRJ 399.

Undergraduate/Graduate Credit

600 Internship in Criminal Justice + (1-3) This experience involves a minimum of 150 contact hours in a position that affords the student the opportunity to learn practical applications in a law enforcement, correctional, or court services type of setting. Prerequisites: PR; CRJ 101, CRJ 200, CRJ 215, CRJ 245, CRJ 250

605 Crime and Mental Health (3) This course examines the intersection of criminal justice and mental health, evaluating issues that arise for law enforcement, courts, and correctional administrators to develop and incorporate policy to effectively manage offenders with mental illness.

650 Crime and Media (3) This course examines how issues of crime and justice are represented, distorted, and/or filtered by news, entertainment, and social media. The course also examines how criminal justice administrators can use media to their advantage for positively promoting their agency and for solving crime.

655 Correctional Administration (3) This course examines the evolution of the American correctional system, including

explanations, theories, policies, and practices. Issues facing correctional managers will be explored, including administrative processes for managing these issues.

660 Police Administration (3) This course examines theories of policing underlying law enforcement response to community issues as well as the empirical literature assessing the effectiveness of each response for controlling crime and disorder and improving public perceptions of the police.

665 Corporate Crime (3) The study of contemporary examples of corporate and white collar criminal activity. This includes the study of both popular and factual accounts on record and in the media. The student will examine explanations, theories, and accounts along with corporate crime's investigation, adjudication, and regulation. Requisites: PR; CRJ 101, CRJ 200, CRJ 215, CRJ 245, CRJ 250, JR/SR Standing, GR Standing.

670 Independent Study in Criminal Justice (1-3)
Reading and/or research programs to fit the individual needs of advanced undergraduate and graduate students in the social sciences. Topics are chosen in consultation with a faculty advisor. Requisites: PR, CRJ 101, CRJ 200, CRJ 215, CRJ 245, CRJ 399
675 Seminar in Criminal Justice (3) Topics designed for upper-division and graduate students to reflect advanced study in a justice studies core area, or to examine, in an advance sitting, an issue or topic of relevance to justice studies and its tangent fields. Requisites: PR; CRJ 101, CRJ 200, CRJ 215, CRJ 245, CRJ 250, JR/SR Standing, GR Standing.

680 Violence in Society (3) This course will explore the theories, types and explanations for violence in contemporary society. A sociological perspective will be used to analyze and discuss both criminal and noncriminal forms of violence present in society. Requisites: PR; CRJ 101, CRJ 200, CRJ 215, CRJ 245, CRJ 250, JR/SR Standing, GR Standing

810 Criminal Justice Systems, Policies & Practices (3)
This seminar provides for the analysis, evaluation and summation of issues relevant to the fundamental operation of criminal justice organizational entities. The police, corrections, and courts will be viewed from a systems perspective, as part of an integrated whole. Requisites: PR; GRAD standing.

815 Advanced Criminological Theory (3) This seminar provides for the exploration of contemporary theories of

human behavior of both a criminal and deviant nature. Behavioral explanations will be examined from both a positivist and classical framework. Significant attention will be paid to theoretical integration of topics and issues from several disciplines. This interdisciplinary orientation makes the course ideal for the Master of Liberal Studies student. Requisites: PR; GRAD standing.

820 Advanced Criminal Justice Research Methods (3) Study of quantitative research methodology in justice studies. Emphasizing experimental and quasi-experimental design, this course focuses on designing the experiment, collecting the data and interpreting the results. Requisites: PR; GRAD standing.

830 Advanced Administrative Practices (3) This course is an advanced study of the organization, management, and administration of criminal justice agencies. Topics include police administration in the political arena, organizational theory, police organizational structure, leadership, organizational communication, decision-making, performance evaluation, and organizational improvement. Requisites: PR; GRAD standing.

855 Situational Ethics (3) Intended to provide the student with a more broad-based experience than other subject specific offerings. This course will allow the student to analyze and discuss materials relevant to ethical dilemmas of contemporary importance in the criminal justice system, and the more broadly defined field of social justice. This course will be handled as a discussion intensive format type of offering. Requisites: PR; GRAD standing.**85**

885 Advanced Research Project + (3) An advanced level project that can take the form of a research design, major paper, policy analysis, or other approved project requiring a great amount of self-directed work at a level commensurate with upper-division and/ or graduate credit. Requisites: PR; GRAD standing.

*General Education Course
+Course may be repeated
#Lab required
PERM: permission
PR: Pre-requisite

Leadership Program

For more information, see our website at www.fhsu.edu/leadership/.

In the modern workplace, the need for people with leadership skills is growing. Leadership Studies programs are designed to meet this need by preparing students for leadership and supervisory roles in business, industry and public service. Very simply, Leadership Studies provides students with the knowledge and skills necessary to be effective in a variety of settings. First, students develop a deep understanding of the major elements that make successful leadership. Second, students gain important practical skills essential for success in their chosen professions and in their personal lives. Skills including interpersonal relations, problem solving, team building, collaboration, motivation, and communication are all necessary in any career option in today's world.

Programs within the Department of Leadership Studies offer students a number of advantages, including: a flexible curriculum that allows students to personally customize their program of study; program options that include a leadership certificate, minor, major, and a graduate degree program; educational activities include both classroom discussion and hands-on organizational and community projects and internships; and course work that is available both on campus and on-line.

Leadership Program at FHSU:

Our department believes that **leadership can be learned**. Not only will you learn theory and critical workforce skills in the classroom, but you will also have the opportunity to apply those theories and skills through [hands-on experiences](#):

- Class activities
- Internships
- Co-Curricular programming in the Center for Civic Leadership
- Service-learning projects
- Study abroad
- Research and creative activities
- VALUE

The skills you learn aren't just technical—they're **professional proficiencies and life skills**, applicable not only to your career, but also to most situations life presents. **Strong academic courses taught by dynamic faculty** will give you an opportunity to put thought into action in both your career and community.

Bachelor of Arts: Organizational Leadership

General Education Requirements: ~36 Credit Hours

Foreign Language Requirements: 10 Credit Hours

Major Requirements (36) and Cognates (12): 48 Credit Hours

Free Electives: 26 Credit Hours

TOTAL HOURS: 120 Credit Hours

Courses:

The **Organizational Leadership Major** requires 27 credit hours of core courses and nine credit hours of major electives. In addition, students must complete an additional 12 credit hours of cognate requirements.

Organizational Leadership Core Requirements

- LDRS 300 [Introduction to Leadership Concepts](#) (3 Credit Hours)
- LDRS 302 [Introduction to Leadership Behavior](#) (3 Credit Hours)
- LDRS 306 [Leadership and Team Dynamics](#) (3 Credit Hours)
- LDRS 310 [Field Work in Leadership Studies](#) (3 Credit Hours)
- LDRS 450 [Advanced Leadership Behaviors](#) (3 Credit Hours)
- LDRS 640 [Principles of Civic Leadership](#) (3 Credit Hours)
- LDRS 650 [Principles of Organizational Leadership](#) (3 Credit Hours)
- LDRS 670 [Leadership and Personal Development](#) (3 Credit Hours)
- LDRS 493 [Capstone in Leadership Studies](#) (3 Credit Hours)

TOTAL HOURS: 27 Credit Hours

Students can register for the three courses listed below in the remaining nine credit hours. With special permission from an advisor, some major elective courses may be substituted for other related courses.

Major Electives

- LDRS 105 [Foundations of Leadership In Society](#) (3 Credit Hours)
- LDRS 120 [Issues in Leadership](#)
- LDRS 200 [Discovering Leadership](#) (3 Credit Hours)
- LDRS 401 [Advanced Leadership Seminar I](#) (3 Credit Hours)
- LDRS 402 [Advanced Leadership Seminar II](#) (3 Credit Hours)
- LDRS 407 [Global Challenges](#) (3 Credit Hours)
- LDRS 420 [Women and Leadership](#) (3 Credit Hours)
- LDRS 460 [Global Leadership](#) (3 Credit Hours)
- LDRS 490 [Topics in Leadership Studies \(various topics each semester\)](#) (3 Credit Hours)
- LDRS 600 [Seminar in Organizational Leadership \(various topics each semester\)](#) (3 Credit Hours)
- LDRS 651 [Readings in Leadership Studies](#)
- MGT 411 Applied Management Skills
- MIL 201 [Introduction to Military Leadership](#)

TOTAL HOURS: 9 Credit Hours

TOTAL HOURS FOR ORGANIZATIONAL LEADERSHIP MAJOR: 36 Credit Hours

Cognate Requirements

- ACCT 203 Principles of Accounting 1 (3 Credit Hours)
- MATH 250 Elements of Statistics (3 Credit Hours)
- PHIL 340 Ethics
- OR
- PHIL 331 Ethical Issues in the Professions and Business (3 Credit Hours)

- SOC 376 Diversity in the United States (3 Credit Hours)
OR
CRJ 360 Social Justice
OR
POLS 105 Current Political issues (3 Credit Hours)

TOTAL HOURS: 12 Credit Hours

Bachelor of Science: Organizational Leadership

Bachelor of Science in Organizational Leadership

General Education Requirements: ~36 Credit Hours

Major Requirements (36) and Cognates (12): 48 Credit Hours

Free Electives: 36 Credit Hours

TOTAL HOURS: 120 Credit Hours

Courses:

The **Organizational Leadership Major** requires 27 credit hours of core courses and nine credit hours of major electives. In addition, students must complete an additional 12 credit hours of cognate requirements.

Organizational Leadership Core Requirements

- LDRS 300 [Introduction to Leadership Concepts](#) (3 Credit Hours)
- LDRS 302 [Introduction to Leadership Behavior](#) (3 Credit Hours)
- LDRS 306 [Leadership and Team Dynamics](#) (3 Credit Hours)
- LDRS 310 [Field Work in Leadership Studies](#) (3 Credit Hours)
- LDRS 450 [Advanced Leadership Behaviors](#) (3 Credit Hours)
- LDRS 640 [Principles of Civic Leadership](#) (3 Credit Hours)
- LDRS 650 [Principles of Organizational Leadership](#) (3 Credit Hours)
- LDRS 670 [Leadership and Personal Development](#) (3 Credit Hours)
- LDRS 493 [Capstone in Leadership Studies](#) (3 Credit Hours)

TOTAL HOURS: 27 Credit Hours

Students can register for the three courses listed below in the remaining nine credit hours. With special permission from an advisor, some major elective courses may be substituted for other related courses.

Major Electives

- LDRS 105 [Foundations of Leadership In Society](#) (3 Credit Hours)
- LDRS 120 [Issues in Leadership](#)
- LDRS 200 [Discovering Leadership](#) (3 Credit Hours)
- LDRS 401 [Advanced Leadership Seminar I](#) (3 Credit Hours)
- LDRS 402 [Advanced Leadership Seminar II](#) (3 Credit Hours)
- LDRS 407 [Global Challenges](#) (3 Credit Hours)
- LDRS 420 [Women and Leadership](#) (3 Credit Hours)
- LDRS 460 [Global Leadership](#) (3 Credit Hours)
- LDRS 490 [Topics in Leadership Studies \(various topics each semester\)](#) (3 Credit Hours)
- LDRS 600 [Seminar in Organizational Leadership \(various topics each semester\)](#) (3 Credit Hours)
- LDRS 651 [Readings in Leadership Studies](#)
- MGT 411 Applied Management Skills
- MIL 201 [Introduction to Military Leadership](#)

TOTAL HOURS: 9 Credit Hours

TOTAL HOURS FOR ORGANIZATIONAL LEADERSHIP MAJOR: 36 Credit Hours

Cognate Requirements

- ACCT 203 Principles of Accounting 1 (3 Credit Hours)
- MATH 250 Elements of Statistics (3 Credit Hours)

- PHIL 340 Ethics
OR
PHIL 331 Ethical Issues in the Professions and Business (3 Credit Hours)
- SOC 376 Diversity in the United States (3 Credit Hours)
OR
CRJ 360 Social Justice
OR
POLS 105 Current Political issues (3 Credit Hours)

TOTAL HOURS: 12 Credit Hours

Minor in Leadership Studies

"How do I make myself more marketable to potential employers?" This is a typical question an undergrad might ask as they begin to near the completion of their collegiate experience. In the cutthroat corporate world, everyone seeks a way to gain an edge. The undergraduates that have diversified their educational experience are one step closer to achieving that edge. The challenge is to add value to your current degree program and major. The Minor in Leadership is designed to do just that. First, students deeply understand the significant elements that make leadership successful. Second, students gain critical practical skills essential for success in their chosen professions and personal lives. [Click here for a printable version of the Minor in Leadership curriculum.](#)

A Minor in Leadership is a total of 21 credit hours. The initial nine credit hours are set:

- LDRS 300 [Introduction to Leadership Concepts](#) (3 Credit Hours)
- LDRS 302 [Introduction to Leadership Behavior](#) (3 Credit Hours)
- LDRS 310 [Field Work in Leadership Studies](#) (3 Credit Hours)

Students are allowed to select the remaining 12 credit hours (4 courses) as they wish

- LDRS 306 [Leadership and Team Dynamics](#) (3 Credit Hours)
- LDRS 401 [Advanced Leadership Seminar I](#) (3 Credit Hours)
- LDRS 402 [Advanced Leadership Seminar II](#) (3 Credit Hours)
- LDRS 407 [Global Challenges](#) (3 Credit Hours)
- LDRS 420 [Women and Leadership](#) (3 Credit Hours)
- LDRS 450 [Advanced Leadership Behaviors](#) (3 Credit Hours)
- LDRS 460 [Global Leadership](#) (3 Credit Hours)
- LDRS 490 [Topics in Leadership Studies](#) (varies each semester) (3 Credit Hours)
- LDRS 493 [Capstone in Leadership Studies III](#) (3 Credit Hours)
- LDRS 600 [Seminar in Organizational Leadership \(runs each semester\)](#) (3 Credit Hours)
- LDRS 640 [Principles of Civic Leadership](#) (3 Credit Hours)
- LDRS 650 [Principles of Organizational Leadership](#) (3 Credit Hours)
- LDRS 670 [Leadership and Personal Development](#) (3 Credit Hours)

Minor in Military Science and Leadership

The Leadership Studies program at Fort Hays State University (FHSU) offers all university students a 21-credit hour Minor in Military Science and Leadership. This program is designed for students interested in enhancing their collegiate study and military careers with leadership education within a military context. Attachable to all university degree programs and majors, a Minor in Military Science and Leadership adds value to the collegiate experience and career preparation for both the military and civilian sectors.

This minor is available to all majors across campus. The Minor in Military Science and Leadership consists of 21 credit hours in both Military Science and Leadership Studies courses.

Students who complete the Minor in Military Science and Leadership will also receive a Leadership Studies Certificate.

[Printable version of the Minor in Military Science and Leadership](#)

A Minor in Military Science and Leadership is 21 credit hours. The initial 12 credit hours are set:

- LDRS 300 [Introduction to Leadership Concepts](#) (3 Credit Hours)
- LDRS 302 [Introduction to Leadership Behavior](#) (3 Credit Hours)
- LDRS 310 [Fieldwork in Leadership Studies](#) (3 Credit Hours)
- MIL 201 [Military Leadership Development](#) (3 Credit Hours)

Students are allowed to select the remaining 9 credit hours (3 courses) as they wish

- MIL 100 [Fundamentals of Soldiering](#) (3 Credit Hours)
- MIL 102 [The US Army](#) (3 Credit Hours)
- MIL 203 [Basic Army Fieldcraft](#) (3 Credit Hours)
- MIL 301 [Introduction to Military Briefings and Instruction](#) (3 Credit Hours)
- MIL 302 [Soldier Health and Fitness](#) (3 Credit Hours)
- MIL 401 [Platoon and Staff Leadership I](#) (3 Credit Hours)
- MIL 402 [Platoon and Staff Leadership II](#) (3 Credit Hours)

Certificates in Leadership Studies

Uncover the Natural and In-Progress Leadership Abilities Within You

Whether you are a freshman just beginning to explore credit hours and electives or a senior with little wiggle room, the Fort Hays State University Leadership Programs certificates will advance your strategic thinking and leadership IQ. Our Leadership Studies certificates are designed to enhance your collegiate experience and add value to your current degree program and subsequent career with the help of our expert staff and supportive curriculum structure.

Once students complete one of the Leadership Programs certificates, they will receive a certificate of completion that is an excellent supplement to a resume. [Click here to print the certificate curriculum.](#)

Leadership Studies Certificate

This 9-credit-hour certificate program introduces students to the essential components of leadership theory and behaviors. LDRS 300 explores "what" leadership is, LDRS 302 examines "how" to do oversight, and LDRS 310 provides the reason "for" administration through a service-learning experience.

- o LDRS 300 **Introduction to Leadership Concepts** (3 credit hours)
- o LDRS 302 **Introduction to Leadership Behavior** (3 credit hours)
- o LDRS 310 **Field Work in Leadership Studies** (3 credit hours)

Required for Certificate: 9 total credit hours

Global Leadership Certificate

This 12-credit-hour certificate program develops leaders with the knowledge, skills, and attitudes to lead change in complex global environments. Participants in the certificate program will learn to facilitate change within their local, civic, and organizational surroundings while also acting with a social responsibility to address world issues.

- o LDRS 300 **Introduction to Leadership Concepts** (3 credit hours)
- o LDRS 407 **Global Challenges** (3 credit hours)
- o LDRS 660 **Global Leadership** (3 credit hours)
- o SOC 460 Comparative Cultures and Societies or
Approved Study Abroad Experience (3 credit hours)

Required for Certificate: 12 total credit hours

[Click here to fill out the Intent to Complete the Global Leadership Certificate Form.](#)

Criminal Justice Leadership Certificate

This 12-credit-hour certificate program develops knowledge and leadership skills specific to criminal justice processes. Students in this program will combine practical and theoretical knowledge bases with adding value to their leadership or criminal justice skill set.

- o CRJ 307 Administration of Justice Systems (3 credit hours)

- o CRJ Elective: Any Criminal Justice Elective (3 credit hours)
- o LDRS 300 **Introduction to Leadership Concepts** (3 credit hours)
- o LDRS 302 **Introduction to Leadership Behavior** (3 credit hours)

Required for Certificate: 12 total credit hours

Master of Professional Studies: Organizational Leadership

Core Curriculum (9 Credit Hours)

- LDRS 801: **Theoretical Foundations of Leadership** (3 Credit Hours)
- LDRS 660G: Global Leadership (3 Credit Hours)
- LDRS 810: Qualitative Research Methods in Leadership (3 Credit Hours)

Organizational Leadership Concentration (12 Credit Hours)

- LDRS 802: **Organizational Systems, Change, and Leadership** (3 Credit Hours)
- LDRS 807: **Leadership in Teams and Collaborative Environments** (3 Credit Hours)
- POLS 856: Advanced Research Methods (3 Credit Hours) **OR** SOC 621: Advanced Sociological Research (3 Credit Hours)
- LDRS 811: **Organizational Intervention Strategies** (Pre-requisites: LDRS 801 and 810) (3 Credit Hours)

Electives (6 Credit Hours)

Select two of the following*:

- LDRS 600G: **Seminar in Organizational Leadership** (3 Credit Hours)
- LDRS 640G: **Principles of Civic Leadership** (3 Credit Hours)
- LDRS 650G: **Principles of Organizational Leadership** (3 Credit Hours)
- LDRS 660G: Global Leadership (3 Credit Hours)
- LDRS 670G: **Leadership and Personal Development** (3 Credit Hours)
- LDRS 818: **Ethical Leadership** (3 Credit Hours)
- LDRS 870: **Readings in Organizational Leadership** (3 Credit Hours)
- BCOM 680G: Strategic Communication for Managing Diversity & Inclusion (3 Credit Hours)
- COMM 602G: Intercultural Communication (3 Credit Hours)
- COMM 606G: Conflict Management through Communication (3 Credit Hours)
- HESA 816: Governance and Finance in Higher Education (3 Credit Hours)
- HESA 820: Leadership in Higher Education (3 Credit Hours)
- IDS 802: Ways of Knowing in Comparative Perspective (3 Credit Hours)
- IDS 805: Global Challenges: 21st Century Promises and Perils (3 Credit Hours)
- IDS 815: Introduction to Data (3 Credit Hours)
- IDS 816: Writing and Visualizing Data (3 Credit Hours)
- MGT 601G: Project/Program Management (3 Credit Hours)
- MGT 611G: Human Resource Management (3 Credit Hours)
- MGT 614G: Training and Development (3 Credit Hours)
- NURS 861: Complexity in Health Care Organizations (3 Credit Hours)
- NURS 862: Administrative Management in Health Care Organizations (3 Credit Hours)
- SOC 671G: Program Development & Evaluation (3 Credit Hours)
- SOC 679G: Community Theory and Development (3 Credit Hours)
- SOC 680G: Nonprofit Organizations (3 Credit Hours)
- SOC 681G: Non-Governmental Orgs: Global Social Innovation (3 Credit Hours)
- SOC 870: Grant Writing (3 Credit Hours)

*[*Review when and in what modality \(on-campus or online\) electives are offered here.*](#)

Culminating Experience (3 Credit Hours)

- LDRS 890 **Internship in Organizational Leadership** - or -
LDRS 895 **Research Projects in Organizational Leadership** (3 Credit Hours)

ePortfolio (Comprehensive Exam; P/F)

All students will complete a comprehensive exam to receive their degree. Students in the MPS in Organizational Leadership submit their comprehensive exam in the form of an ePortfolio during their final semester in the program. [Learn more about the ePortfolio.](#)

Learn more about the [MPS in Organizational Leadership Course Rotation and Recommended Program Sequence.](#)

Course Listings – Leadership Program

Undergraduate

105 Foundations of Leadership in Society (3) This course will expose students to a variety of concepts, theories and skills relevant to contemporary leadership thought. Students will be challenged to consider their personal conceptions and philosophy of leadership. Students will examine leadership within particular contexts such as creating change, ethical leadership, leadership and management, and historical leadership thought and leaders.

120 Issues in Leadership Studies (0-3) Students will explore behaviors and concepts related to a leadership topic of interest.

200 Discovering Leadership (3) Effective leadership is important to everyone throughout society and is much more situational and complex than a “position”. Discovering Leadership is an introductory course for all students seeking to broaden their understanding of the leadership process in modern organizations and communities, even for those who may not seek or desire formal leadership positions. Students will explore the multidisciplinary nature of leadership as firmly rooted in social science. They will develop leadership dispositions- the mental habits one uses to see, think about and respond to the world - at the individual, team, and organizational level by using design principles to create a “leadership future”, and will explore leadership practices, perspectives and research across cultures in order to understand leadership at a societal level.

300 Introduction to Leadership Concepts (3) This course will actively engage students in the acquisition of information about historical and contemporary theories, concepts, and issues associated with leadership. Students will be exposed to the nature of leadership through presentation of objective material, group activities and laboratory exercises.

302 Introduction to Leadership Behavior (3)
An interdisciplinary course designed to introduce the student to the tasks, strategies, and skills of effective leadership. Course activities will move the student from theory to the practical processes of leadership. Basic concepts essential to personal skills development and organizational leadership behavior are included.

306 Leadership and Team Dynamics (3)
Teambuilding, teamwork, and team leading draws information from a wide variety of disciplines to introduce students to the ever important topic of teaming.

310 Field Work in Leadership Studies (3) This interdisciplinary course is designed to provide the student with an awareness and understanding of current issues relating to the nature and tasks of collaborative leadership behavior. The student is asked to identify an issue or problem and practice leadership by developing and implementing a community project. Requisites: PR, LDRS 300, LDRS 302 or PERM.

401 Advanced Leadership Seminar I (3) In this course, theory gives way to practice. Through experiential skill building activities, assessment, and coaching, this course provides students with a wide variety of skills necessary for success. The course requires students to demonstrate strong conceptual understanding of leadership and the ability to diagnose and plan interventions. This course is a prerequisite to Advanced Leadership Seminar II, and will serve as the planning and beginning stages of the execution of a chosen VALUE project. Requisites: PR, LDRS 300, LDRS 302 and acceptance into the VALUE program.

402 Advanced Leadership Seminar II (3) This course is an extension of LDRS 401 Advanced Leadership Seminar I, and requires students to apply lessons learned in the previous lab to implement the change plan that was developed. Through experimentation and consultation with faculty, peers, and mentors, students will work to increase skills related to operations and collaboration. Students will create a comprehensive ePortfolio to showcase their final project and reflections. Requisites: PR, LRDS 300, LDRS 302, LDRS 310, LDRS 401 and acceptance to VALUE program.

407 Global Challenges (3) The purpose of this course is to educate and encourage the development of globally competent citizens and leaders. The course is designed to provide students with the knowledge, skills, and attitudes to be engaged, responsible, and effective members of a globally interdependent society. Most importantly, students will be asked to think deeply about their world (including its future, current issues, its impact on their local area, and our personal responsibility as global citizens).

420 Women and Leadership (3) Current issues and trends of women and leadership will be examined from historical to contemporary and from social to personal perspectives.

450 Advanced Leadership Behaviors (3) The behaviors and skills necessary to be effective at doing leadership will be explored through both the leader and follower perspectives. Advanced influence, motivation, decision-making, conflict/negotiation strategies and meeting management will be examined primarily in

the interpersonal context. Course materials and activities will challenge students to connect theory to practice. Prerequisites: PR, LDRS 300 and LDRS 302.

490 Topics in Leadership Studies (1-3) Courses will provide in-depth study of a particular topic in the study of leadership behavior. Course title and topic of study will be displayed in the class schedule.

491/492/493 Capstone in Leadership Studies (1-3) The capstone course is required for all organizational leadership majors, and optional for minors. Designed for senior students, emphasis is placed on integrating the student's academic, personal, and professional experiences into a conceptual whole. Students in this course will complete a project which demonstrates their achievement of the program's outcomes, serving as the student's summative evaluation.

Undergraduate/Graduate Credit

600 Seminar in Organizational Leadership (3) Students will conduct an in-depth examination of a particular topic in the study of organizational leadership. Course title and topic of the study will be displayed in the class schedule.

640 Principles of Civic Leadership (3) This course is designed to provide the student with a deeper understanding of the major components and principles of civic leadership. Classroom activities examine the leadership process in the context of community and society. This approach encourages ordinary citizens to take responsibility, organize, and build coalitions for the purpose of effecting social change.

650 Principles of Organizational Leadership (3) This course is designed to provide students with the basic principles and elements of the growing Organizational Leadership discipline. Leadership theories and behaviors are examined in the context of the modern organization. Prerequisites: PR, LDRS 300, LDRS 302, or GRAD.

651 Readings in Leadership Studies (3) Directed readings on a specific topic in leadership. Prerequisites: PERM.

660 Global Leadership (3) The purpose of this course is to introduce students to the emerging field of global leadership. Students will gain an understanding of the history and origins of global leadership and the theoretical approaches to global leadership in complex, modern contexts. Students will be challenged to access primary sources of global leadership literature, and think deeply and critically about the current state of theoretical development in global leadership. Students will also explore various global leadership competencies and learn how to apply these competencies in various regions and cultures throughout the world.

670 Leadership and Personal Development (3) The focus of this course will be on you as the leader from an individual perspective. It will be an introduction to the principles and

practices of positive interpersonal relationships for leadership development. The course will be based on each student's perception of their own life experiences that have helped them reach this level in their leadership development journey (PAST), where they are now in that journey (PRESENT), and their personal leadership goals (FUTURE). Prerequisites: PR, LDRS 300 or GRAD.

677 Internship in Leadership Studies (3) This course is designed for students in their final stage of the Major in Organizational Leadership or Minor in Leadership Studies. Activities include practical experience in an organization that will allow a student to exercise, observe, and appreciate leadership behavior. Prerequisites: PR, LDRS 300 or GRAD.

Graduate Credit

801 Theoretical Foundations of Leadership (3) The purpose of this course is to expose students to the large body of organizational leadership theory and research. Both historical and contemporary approaches will be examined in detail. Students will be required to analyze the research critically from both theoretical and empirical perspectives. Finally, course material will focus on organizational leadership in multiple contexts and levels of analysis (individual, team, organization and community).

802 Organizational Systems, Change, and Leadership (3) This class will challenge students to embrace a systems view of leadership and organizational change at the organizational level. Students will compare, contrast and critique both seminal and modern theories and models of organizational learning, knowledge creation, and organizational capacity building and apply them to their own organizational settings. The course will enhance student ability to think systematically and develop comprehensive understanding of core competencies required to initiate and sustain change in organizations.

806 Teambuilding, Teamwork, & Teamleading (3) The evolving workplace relies more heavily on workplace collaboration through teaming. This course seeks to expose students to the diverse theories of teaming as well as give instruction on teaming skills essential to workplace success. Students should have a much greater understanding of their own collaborative teaming abilities upon completion.

807 Leadership in Teams and Collaborative Environments (3) This course examines the leadership process in the context of team and group dynamics. It investigates process and content issues of team building, interpersonal and group relations, and effective problem solving and decision making skills in collaborative environments. The course places particular emphasis on the relationship between teams within organizations.

810 Qualitative Research Methods (3) This course will give students an understanding of the scientific method and its application to qualitative research. Students will develop a research question, collect and analyze data and develop

conclusions for qualitative methods. Students will explore appropriate means to present and disseminate the research in order to help organizations and communities to make accurate and informed decisions. Requisites: PR, LDRS 801, Graduate standing, MPS in Organizational Leadership only.

811 Organizational Intervention Strategies (3) Students will apply leadership concepts and assessment techniques to the design, delivery and analysis of leadership development interventions. Students will develop practical applications to leadership development programs on individual, unit and organizational levels. Requisites: PR, LDRS 810, MPS in Organizational Leadership students only.

812 Advanced Leadership Theories (3) An advanced course required of students completing the organizational leadership concentration in the MLS program. This course is offered to students that have excelled in the core classes and other organizational leadership courses, thus this course is designed as a capstone educational opportunity. The expectations are stringent, but the rewards are obvious - you will learn much more about where leadership comes from. This course, unlike others you have had, will challenge you to gain depth of knowledge in leadership theory by looking at the original works of leadership theorists. We can only truly know where to go if we have an understanding of where we have come from.

815 Transdisciplinary Leadership in Context (3) This course focuses on the "grand challenges" specific to each student's organizational context. The goal of the course is to explore the broad issues surrounding complex social, economic, environmental, and scientific problems that can only be solved through cross-sector partnerships and transdisciplinary collaboration through the lens of the integrative leadership model focusing on the individual, group, organization, sector, and societal levels.

818 Ethical Leadership (3) This course develops a framework for ethical thinking and reflection. The course emphasizes the moral, ethical and social responsibilities of organizational leaders as well as the application of principles to organizational leadership behavior and decision making. Students will also investigate current research trends regarding ethical issues in business and other organizational contexts. Graduate standing.

870 Readings in Organizational Leadership (1-3) Students will develop a research question, intensively review selected readings and critical research to provide a foundation for answering this question, and then provide implications addressing the material reviewed. The instructor and students will agree upon the research question and develop a plan creating a basis for answering the question and providing recommendations for further review. Requisites: PR, PERM.

890 Internship in Organizational Leadership (1-3) This course is designed for students in their final stages of the Master of Professional Studies program. Activities include practical experience in an organization which will allow the student to participate in a meaningful leadership experience. Requisites: PR, Final semester or PERM.

895 Research Project in Organizational Leadership (1-3) This course is an individual study of a selected problem relating to leadership theory, organizational leadership, leadership development or leadership education. Requisites: PR, Final semester or Permission.

* General Education course+ Course may be repeated

Lab required

PERM: Permission PR: Prerequisites

Sociology Program

Study, Understand, Improve

Globalization, urbanization, diversity, social unrest, terrorism, environmental change, migration, race relations, domestic relations -- this new century brings with it fantastic opportunities and potential challenges! Learn how to successfully navigate this new century and make a lasting impact in the lives of others with an undergraduate degree in sociology.

What is Sociology?

Sociology is the systematic study of social life and the social causes and consequences of human behavior. Studying sociology provides you powerful tools to comprehend and understand issues ranging from world events to relationships in your own life. With a Bachelor of Arts (BA) or Bachelor of Science (BS) in Sociology, you will develop strong critical thinking and problem-solving skills - providing you with a strong foundation for many [careers](#). The Department also offers an Addictions Counseling degree track that will prepare you for Kansas licensure as an addictions counselor (LAC).

Why Choose FHSU?

Gain the knowledge and skills you need to deal with the many challenges in global and local society – and be equipped to make a "life" as well as a "living." Here are a few examples of how this happens:

- Gain a deeper understanding and appreciation of culture, society, and community; and of interplay of social structure and human interaction.
- Examine and help solve existing and new social problems through inquiry, theoretical and evidenced-based techniques, equipping you with the tools and skills you need for success in the workplace or in graduate school.
- Study with faculty who incorporate their experiences and active research agendas into the classroom, exposing you to how sociology knowledge applies in the real world.
- If you are interested in online education, take innovative classes or earn your entire sociology degree without coming to campus.
- Benefit from a wide array of sociology classes not typically available in a department our size, particularly in the areas of grant writing and case management.
- Apply the concepts you learn in the classroom to research, service and internship opportunities, which brings your studies to life and gives you valuable work experience.

Bachelor of Arts: Sociology

The field of sociology encompasses the study of social life as well as the social causes and consequences of human behavior. The Bachelor of Arts (BS) in Sociology offers you a broad academic program that can lead you to a **variety of careers in sociology**.

The BA in Sociology is **available completely online** - same classes, same faculty, but accessible to you wherever you are in the world. If you are interested in pursuing the online BA in Sociology, learn **what it takes to be an online sociology major** at Fort Hays State University. Be sure to visit **FHSU Online** Web site for admissions and tuition.

Program Summary - Bachelor of Arts in Sociology

General Education Requirements - 34 hours

Language: 10 Credit Hours

Electives Requirement: 40 Credit Hours

Sociology Major Core Courses - 21 hours

- SOC 140 Understanding Society: Introductory Sociology (3)
- SOC 145 Cultural Anthropology (formerly Principles of Culture) (3)
- SOC 361 Sociological Theory and Literature (3)
- SOC 362 Methods of Social Research (3)
- SOC 470 Grant Writing (3)
- SOC 472 Social Inequality (3)
- SOC 621 Advanced Sociological Research (3)

Upper Division Elective - 15 hours

- SOC 310 Gender and Society (3)
- SOC 311 Feminist Theory (3)
- SOC 320 Sociology Through Cinema (3)
- SOC 325 Popular Culture (3)
- SOC 333 Global Forces in a Changing World (3)
- SOC 335 Changing Faces of Culture (3)
- SOC 343 Sociology of Gender Roles (3)
- SOC 344 Social Deviance (3)
- SOC 350 Family Communication (3)
- SOC 352 Stepfamilies (3)
- SOC 355 Sociology of Death and Dying (3)
- SOC 375 Medical Sociology (3)
- SOC 384 Social Problems (3)
- SOC 388 Sociology of the Family in America (3)
- SOC 436 Social Demography (3)
- SOC 460 Comparative Culture and Societies (3)
- SOC 475 Rural and Urban Sociology (3)
- SOC 644 Sociology of Aging (3)
- SOC 647 Comparative Cultural Anthropology (3)
- SOC 664 Social Entrepreneurship and Grassroots Social Action (3)
- SOC 671 Program Development and Evaluation (3)
- SOC 677 Internship in Sociology: Advanced Grant Writing (3)
- SOC 679 Community Theory and Development (3)
- SOC 680 Nonprofit Organizations (3)
- SOC 681 NGOs: Global Social Innovation (3)

Total Credit Hours: 120

*Upper division courses are number 300 and above. When taking 600-level courses undergraduate students are automatically registered as such, while any graduate students are automatically registered for a graduate-level version of the course that contains assignments beyond the undergraduate level.

Bachelor of Science: Sociology

The field of sociology encompasses the study of social life as well as the social causes and consequences of human behavior. The Bachelor of Science (BS) in Sociology offers you a broad academic program that can lead you to a **variety of careers in sociology**.

The BS in Sociology is **available completely online** - same classes, same faculty, but accessible to you wherever you are in the world. If you are interested in pursuing the online BS in Sociology, learn **what it takes to be an online sociology major** at Fort Hays State University. Be sure to visit **FHSU Online** Web site for admissions and tuition information.

Program Summary - Bachelor of Science in Sociology

General Education Requirements - 34 hours

Free Electives Requirement - 44 hours

Sociology Major Core Courses - 21 hours

SOC 140 Understanding Society: Introductory Sociology (3)
SOC 145 Cultural Anthropology (formerly Principles of Culture) (3)
SOC 361 Sociological Theory and Literature (3)
SOC 362 Methods of Social Research (3)
SOC 470 Grant Writing (3)
SOC 472 Social Inequality (3)
SOC 621 Advanced Sociological Research (3)

Upper Division Elective - 21 hours

SOC 310 Gender and Society (3)
SOC 311 Feminist Theory (3)
SOC 320 Sociology Through Cinema (3)
SOC 325 Popular Culture (3)
SOC 333 Global Forces in a Changing World (3)
SOC 335 Changing Faces of Culture (3)
SOC 343 Sociology of Gender Roles (3)
SOC 344 Social Deviance (3)
SOC 350 Family Communication (3)
SOC 352 Stepfamilies (3)
SOC 355 Sociology of Death and Dying (3)
SOC 375 Medical Sociology (3)
SOC 384 Social Problems (3)
SOC 388 Sociology of the Family in America (3)
SOC 436 Social Demography (3)
SOC 460 Comparative Culture and Societies (3)
SOC 475 Rural and Urban Sociology (3)
SOC 644 Sociology of Aging (3)
SOC 647 Comparative Cultural Anthropology (3)
SOC 664 Social entrepreneurship and Grassroots Social Action (3)
SOC 671 Program Development and Evaluation (3)
SOC 677 Internship in Sociology: Advanced Grant Writing (3)
SOC 679 Community Theory and Development (3)
SOC 680 Nonprofit Organizations (3)
SOC 681 NGOs: Global Social Innovation (3)

Total Credit Hours: 120

*Upper division courses are number 300 and above. When taking 600-level courses undergraduate students are automatically registered as such, while any graduate students are automatically registered for a graduate-level version of the course that contains assignments beyond the undergraduate level.

Sociology Degree - Addictions Counseling Track

The Sociology Program offers an Addictions Counseling Track for both Bachelor of Science and Bachelor of Arts students. This track provides a path to become a licensed addictions counselor in the State of Kansas. Addictions counselors work with individuals and/or groups in a variety of settings, and can provide prevention, recovery and crisis care services.

Program Summary

To earn the Sociology - Addictions Counseling Track Bachelor of Science degree or Bachelor of Arts degree, you will complete the core requirements for the BS/BA in Sociology degree, addictions counseling track courses, and general education program courses/elective courses.

Sociology Major Core Courses - 21 Credit Hours

- SOC 140 Understanding Society: Introductory Sociology (3)
- SOC 145 Cultural Anthropology (formerly Principles of Culture) (3)
- SOC 361 Sociological Theory and Literature (3)
- SOC 362 Methods of Social Research (3)
- SOC 470 Grant Writing (3)
- SOC 472 Social Inequality (3)
- SOC 621 Advanced Sociological Research (3)

Addiction Counseling Track - 30 Credit Hours

- SOC 672 Workshop in Sociology: Introduction to Addictions (3)
- SOC 672 Workshop in Sociology: Individual Counseling in Addictions (3)
- SOC 672 Workshop in Sociology: Families and Addictions (3)
- SOC 672 Workshop in Sociology: Ethics in Addictions Counseling (3)
- SOC 672 Workshop in Sociology: Group Counseling with Addiction Populations (3)
- SOC 672 Workshop in Sociology: Pharmacology & High Risk Issues (3)
- SOC 672 Workshop in Sociology: Psychopathology & Addictions (3)
- SOC 672 Workshop in Sociology: Client Management Procedures (3)
- SOC 677 Internship in Sociology: Addictions Practicum I (3)
- SOC 677 Internship in Sociology: Addictions Practicum II (3)

Master of Professional Studies: Social Entrepreneurship

What is Social Entrepreneurship? Social Entrepreneurship is the use of creativity to establish innovative projects to help categories of people in need. Sometimes these projects are informal community initiatives, but often they are formal programs run by nonprofit agencies that have received 501(c)3 status from the Internal Revenue Service. Although most social entrepreneurship projects have a nonprofit focus, some fascinating social entrepreneurship projects exist within socially conscious for-profit corporations.

Admission Criteria

- 3.0 minimum undergraduate cumulative GPA
- Personal statement no more than 1 page addressing 1) Why are you interested in receiving an MPS in Social Entrepreneurship, 2) What category of people in need are you most interested in assisting and why?
- February 1 deadline for admission application
- Have not already earned Sociology's 9-credit Social Entrepreneurship Certificate.
- Those who have taken no more than 15 credits from the Core and emphasis courses as an undergraduate.

30 CREDIT HOURS REQUIRED

Core Courses (9 credit hours)

SOC 664G Social Entrepreneurship and Grassroots Social Action (3 credits)

SOC 671G Program Development and Evaluation (3 credits)

SOC 621G Advanced Sociological Research (3 credits)

Emphasis Courses (12 credit hours)

SOC 870 Grant Writing (3 credits)

SOC 679G Community Theory and Development (3 credits)

SOC 680G Nonprofit Organizations (3 credits)

SOC 681G NGOs: Global Social Innovation (3 credits)

Students who have taken one or more of the above courses prior to admission into the program may, through consultation with their advisor, substitute a maximum of 15 credit hours from the Elective courses below. Students who have taken SOC 664G, 680G, and/or 681G must substitute up to 6 credits of SOC 675G Seminar courses having a variable topic of Social Entrepreneurship. Students who have taken the grant writing course SOC 470 as an undergraduate will have to substitute a class for the grant writing course SOC 870.

Electives (6 credit hours)

POLS 616G Public Personnel Management (3 credits)

MGT 611G Human Resource Management (3 credits)

LDRS 640G Principles of Civic Leadership (3 credits)

LDRS 650G Principles of Organizational Management (3 credits)

LDRS 810 Qualitative Research (3 credits)

LDRS 818 Ethical Leadership (3 credits)

GBUS 802 Management and Marketing Concepts (3 credits)

IDS 804 Information Literacy (3 credits)

SOC 644G Sociology of Aging (3 credits)

SOC 675G Seminar in Sociology: Variable Topics (3 credits)

SOCW 865 Social Work Supervision and Agency Management (3 credits) *msw dual degree pathway

SOCW 860 Personal and Professional Development Seminar (3 credits) *msw dual degree pathway

Internship (3 hours)

SOC 677G Internship in Sociology: Advanced Grant Writing (3 credits)

-OR- SOCW 895 Advanced Clinical SW Field Practicum II (6 credits) *msw dual degree pathway

Program Coordinator:

Dr. Keith Campbell, kecampbell2@fhsu.edu; 785-628-5320; 785-628-5840 (Sociology Program)

Advisors:

Dr. Keith Campbell, kecampbell2@fhsu.edu; 785-628-5320; 785-628-5840 (Sociology Program)

Dr. Gary Brinker, gdbrinker@fhsu.edu; 785-628-5233; 785-628-5840 (Sociology Program)

Important General Competencies Developed:

- Listening and effectively communicating ideas
- Creative thinking and problem solving
- Ethical decision-making
- Building respect for people different from ourselves
- Building respect for ideas different from our own
- Analyzing previously unrelated ideas and identifying meaningful patterns among them
- Converting an abstract set of ideas into a specific plan of action

Specific Job Skills Developed:

- Professional interaction with nonprofit leadership
- Advocacy and networking
- Operating in the public sector
- Program development
- Program evaluation
- Grant Writing
- Needs assessment development, administration, and interpretation
- Constructing and testing measurable client outcomes
- Fluency in statistical principles and analyses
- Using Internet search engines to access relevant literature and data
- Technical report reading and writing
- How to start a nonprofit corporation

Minor in Sociology (On campus and Online)

A minor can be earned by passing any 21 credit hours of sociology courses

Certificates in Sociology

Building a Career in a Nonprofit Corporation Certificate (9 credit hours)

This certificate provides instruction on how to become a social entrepreneur and build a good-paying career within the world of nonprofit organizations. A social entrepreneur is a person who uses innovation to find new ways to help a category of people in need, and here are examples of categories of people in need: abandoned children, the homeless, and teens considering suicide - and there are hundreds of other categories of people in need who could be helped.

This certificate helps students build skills for working within existing nonprofit corporations, or starting their own nonprofit. The world is open to this type of innovation. Our society and world are in need of more people stepping forward to assist others in need, and this training can help you build a career in the U.S. or another nation.

SOC 664	Social Entrepreneurship and Grassroots Social Action	3 credit hours
SOC 680	Nonprofit Organizations	3 credit hours
SOC 681	NGOs - Global Social Innovation	3 credit hours
	Total Credit Hours	9 credit hours

Certificate in Cultural Anthropology and Globalization (9 credit hours)

9 Credit Hours
On-campus & Online

The pace at which cultures change seems ever increasing, along with ever increased rates of globalization among and within societies around the world. Earning a Certificate in Cultural Anthropology and Globalization will increase your awareness of historic world cultures; contemporary world cultures, culture change, and you will do so in the context of rapidly increasing forms of social interconnectedness between world cultures.

Required Courses:

		CREDITS
SOC 145	Cultural Anthropology (formerly Principles of Culture)	3
SOC 325	Popular Culture	3
SOC 460	Comparative Cultures and Societies	3

Total Credit Hours: 9

Certificate in Cultural Diversity Studies

12 Credit Hours

Diversity, Equity, Inclusion, and Identity are all issues that are not only timely, but necessary for a functioning democratic society. Fort Hays State University offers coursework from an array of academic fields that allows for an historical, theoretical, and research-based understanding of contemporary social issues to Cultural Diversity, Equity, Inclusion, and Identity. Along the way, take your own excursions into sociology, history, literature, philosophy, and/or political science. All courses are intentionally designed to appeal to all majors.

Once you have taken the approved number of classes, you will be issued an official certificate that recognizes your successful completion of the Certificate in Cultural Diversity Studies at Fort Hays State University. Students must receive a grade of "C" or higher in each course to count it towards the certificate. (Classes will be offered both on-campus and online).

Students complete requirements by taking at least one course from sociology, one from history, and two additional courses from the list.

REQUIRED

SOC 376/IDS 350 Diversity in the U.S. (Required) 3 credits V/C

ELECTIVES

		CREDITS	V/C*
SOC 145	Cultural Anthropology	3	V/C
SOC 310	Gender & Society	3	V/C
SOC 333	Global Forces of in a Changing World	3	V
SOC 335	Changing Faces of Culture	3	V
SOC 348	Topics in Sociology: Latine/x American Culture & Heritage	3	V/C
SOC 348	Topics in Sociology: Social Demography in Latin America & the U.S.	3	V/C
SOC 460	Comparative Culture and Societies	3	V/C
SOC 647	Comparative Cultural Anthropology: Archeology of the Southwest	3	V
SOC 675	Seminar in Sociology: Food and Culture	3	V
SOC 675	Seminar in Sociology: Diversity, Inclusion, & Identity	3	V/C
SOC 675	Seminar in Sociology: Diversity Practices & Org. Inclusiveness	3	V/C
ENG 125	World Literature and the Human Experience	3	V/C

ENG 693	Studies in World Literature: Global Women's Issues	3	V/C
HIST 300	History of Sexuality in America	3	V/C
HIST 350	Latin American Civilization	3	C
HIST 375	LGBTQ World History	3	V/C
HIST 600	Topics in History	3	V/C
HIST 600	History Special Topics: History of Slavery in Latin America	3	V/C
HIST 600	History Special Topics: History of U.S. Borderlands	3	V/C
HIST 604G	The American Civil Rights Movements	3	V/C
HIST 636	The American Southwest	3	C
HIST 637	Chicanos: A History of Mexican Americans	3	V/C
HIST 650	African-American History	3	V/C
HIST 652	Colonial Latin American	3	V/C
HIST 653	Modern Latin America, 1810-Present	3	V/C
HIST 654	Mexico	3	V/C
HIST 678	Study Tour in History: Latin American Focus	3	V/C
PHIL 170	World Religions	3	V/C
PHIL 370	Eastern Philosophy	3	V/C
POLS 380	Topics in Political Science: Latin American Politics and Policy	3	V
POLS 380	Topics in Political Science: Latino Social & Political Protest Mvmts.	3	V
POLS 675	Seminar in Political Science: Latino Politics	3	V
POLS 675	Seminar in Political Science: Latino/a Political Theory & Philosophy	3	V
MLNG 624	Latin American Civilization (Pre-req. MLNG 427, 428, or equiv.)	3	C
MLNG 658	Survey of Latin American Literature (Pre-req. MLNG 427, 428, or equiv.)		

Certificate in Community Development

9 Credit Hours - Online Only

Astonishing social and economic change presents urban, suburban and rural neighborhoods and communities with uncertain futures and great challenges. Some urban neighborhoods and rural communities are scrambling to stem population out-migration, while others are dealing with population growth and urban sprawl. Community development is a fast-growing field of employment that addresses the social, physical, and economic revitalization and/or restructuring of a neighborhood or community.

The Certificate in Community Development provides you with a base of community theory uniquely offered through the Sociology Program as well as vital technical skills (such as strategic planning, focus group research and small group dynamics) to address real-world community issues and problems. Once you have taken all the required classes, you will be issued a certificate that recognizes your successful completion of the certificate.

Note: Students admitted to FHSU for graduate study may take SOC 679 for graduate level credit by completing additional assignments.

Required Courses*

		CREDITS
SOC 679	Community Theory and Development - Required <i>and either or both</i>	3 - Spring Semester
		CREDITS
SOC 436	Social Demography	3 - Fall Semester
SOC 475	Rural and Urban Sociology	3 - Fall Semester
		CREDITS
SOC 470	Grant Writing	3 - Fall and Spring Semester

*Student **must** complete SOC 679. They **may** also complete SOC 475 **and** SOC 436. Alternatively, they **may** complete **either** SOC 475 or SOC 436 and **one of the other courses** listed.

Total Credit Hours: 9

At the present time, the Certificate in Community Development is only available online. For more information, contact the coordinator of the certificate program.

Certificate in Grant Writing and Program Evaluation

9 Credit Hours

Grants from government and private sources provide important supplemental funding to schools, hospitals, law enforcement agencies and many other social service agencies. The Sociology Program offers one of the few undergraduate grant proposal writing and program evaluation programs in the nation.

The skills you gain will make you better prepared to seek out and apply for grants of all kinds. Additionally, specialized training in grant writing can increase your employment potential greatly, as employers recognize the value and financial benefit of well-trained grant proposal writers. This 9-credit hour certificate program is only available online.

If you are not interested in receiving college credit for grant writing training or you need to ramp up your skills more quickly, you may be interested in the self-paced [Eight-Week Grant Writing Program](#), which offers CEU credit.

Required Courses

		CREDITS
SOC 470/870	Grant Writing	3
SOC 671	Program Development and Evaluation	3
SOC 677	Internship in Sociology: Advanced Grant Writing	3

Total Credit Hours: 9

Certificate in latine/x studies

12 credit hours

Those of Latine/x or Hispanic heritage contribute to culture and society as both participants and creators. Fort Hays State University offers coursework from diverse academic fields that allows for an historical, theoretical, and research-based understanding of the social influences on the aspirations of, accomplishments of, and rights of Latine/x. The Latine/x Studies Certificate program takes you on a journey of exploration from the Pre-Conquest era through contemporary issues. Along the way, take your own excursions into sociology, history, literature, and/or political science. All courses are intentionally designed to appeal to all majors. **Students complete requirements by taking at least one course from sociology, one from history, and two additional courses from the list.**

Once you have taken the approved number of classes, you will be issued an official certificate that recognizes your successful completion of the Certificate in Latine/x Studies at Fort Hays State University. Students must receive a grade of "C" or higher in each course to count it towards the certificate. (Classes will be offered both on-campus & online.)

Approved Courses**

		CREDITS	V/C*
SOC 348	Topics in Sociology: Latine/x American Culture & Heritage	3	V/C
SOC 348	Topics in Sociology: Social Demography in Latin America & the U.S.	3	V/C
SOC 348	Topics in Sociology: Latine/x Cinema	3	C
HIST 350	Latin American Civilization	3	C
HIST 600	History Special Topics: History of Slavery in Latin America	3	V/C

HIST 600	History Special Topics: History of U.S. Borderlands	3	V/C
HIST 636	The American Southwest	3	C
HIST 637	Chicanos: A History of Mexican Americans	3	V/C
HIST 652	Colonial Latin America	3	V/C
HIST 653	Modern Latin America, 1810-Present	3	V/C
HIST 654	Mexico	3	V/C
HIST 678	Study Tour in History: Latin American focus	3	V/C
POLS 380	Topics in Political Science: Latino American Politics & Policy	3	V
POLS 380	Topics in Political Science: Latino Social & Political Protest Movements	3	V
POLS 675	Seminar in Political Science: Latino Politics	3	V
POLS 675	Seminar in Political Science: Latino/a Political Theory & Philosophy	3	V
MLNG 624	Latin American Civilization (Pre-req. MLNG 427, 428, or equiv.)	3	C
MLNG 658	Survey of Latin American Literature (Pre-req. MLNG 427, 428, or equiv.)	3	V/C

**Other FHSU courses may be substituted as electives upon approval of certificate coordinator.

TOTAL CREDIT HOURS 12 credit hours

Certificate in Life Stages and Transitions

Whether you are needing to complete degree requirements for the B.A. in Sociology, enhance your skills as an human/social services employee, or simply wanting to explore topics that impact you personally, the Certificate in Life Stages and Transitions can provide you deeper insight into some of life's greatest challenges. Take courses that deal with major life passages such as marriage, remarriage, childrearing, aging, and death and dying.

Once you have taken all the required classes, you will be issued a certificate that recognizes your successful completion of the Certificate in Life Stages and Transitions.

Required Courses (choose 4)

		CREDITS
SOC 310	Gender and Society	3
SOC 350	Family Communication	3
SOC 352	Stepfamilies	3
SOC 355	Sociology of Death and Dying	3
SOC 388	Sociology of the Family in America	3
SOC 466	Sociology of Sexual Behavior	3
SOC 644	Sociology of Aging	3

Total Credit Hours: 12

The Certificate in Life Stages and Transitions is available on campus as well as online. For more information, contact the program chair.

Certificate in the Sociology of Medicine and Aging

The field of medicine and healthcare is projected to be a fast growing industry well into the 21st century. This growth is driven in part by the high proportion of the population that will be reaching retirement age and beyond in the coming years. By completing the Certificate in the Sociology of Medicine and Aging, you will develop special insight into the various intersections between medicine/healthcare and the aging process.

Required Courses

		CREDITS
SOC 355	Sociology of Death and Dying	3
SOC 375	Medical Sociology	3

SOC 644	Sociology of Aging	3
SOCW 620	Spirituality and Aging	3

Total Credit Hours: 12

The Certificate in the Sociology of Medicine and Aging is available on campus as well as online through [FHSU Online](#). For more information, contact the program chair.

The field of medicine and healthcare is projected to be a fast growing industry well into the 21st century. This growth is driven in part by the high proportion of the population that will be reaching retirement age and beyond in the coming years. By completing the Certificate in the Sociology of Medicine and Aging, you will develop special insight into the various intersections between medicine/healthcare and the aging process.

Required Courses

		CREDITS
SOC 355	Sociology of Death and Dying	3
SOC 375	Medical Sociology	3
SOC 644	Sociology of Aging	3
SOCW 620	Spirituality and Aging	3

Total Credit Hours: 12

The Certificate in the Sociology of Medicine and Aging is available on campus as well as online through [FHSU Online](#). For more information, contact the program chair.

Certificate in Women's and Gender Studies

Women contribute to culture and society as both participants and creators. Fort Hays State University offers coursework from diverse academic fields that allows for a theoretically and historically based understanding of the aspirations, accomplishments, and rights of women throughout history. The Women's and Gender Studies Certificate program takes you on a journey of exploration from the Enlightenment era through third-wave feminism. Along the way, take your own excursions into literature, history, sociology, leadership, communication, nursing, justice studies and/or psychology. All courses are intentionally designed for males and females, alike. You are invited to take these journeys with us!

Once you have taken all required classes, you will be issued an official certificate that recognizes your successful completion of the Certificate in Women's and Gender Studies at Fort Hays State University. Students must receive a grade of "C" or higher in each course to count towards the certificate.

Required Courses

Both of these foundation courses must be completed.

		CREDITS
SOC 310	Gender and Society	3
SOC 311	Feminist Theory	3
<i>Subtotal (6 credit hours)</i>		

Elective Courses

Choose any two courses below, but from two different disciplines.*

		CREDITS
COMM 600	Nonverbal Codes	3
COMM 608	Communication and Gender	3
CRJ 340	Gender, Race, and Inequality in Criminal Justice	3
CRJ 365	Women and Crime	3
ENG 600	American & English Literacy offering Variable Topics (with approval)	3

ENG 693	Studies in World Literature: Global Women's Issues	3
HIST 300	Topics in History: History of Sexuality	3
HIST 300	Topics in History: LGBT World History	3
HIST 600	Topics in History: Women in World History	3
LDRS 420	Women and Leadership	3
PSY 325	Human Sexuality	3
PSY 340	Social Psychology	3
PSY 359	Evolutionary Psychology	3
SOC 466	Sociology of Sexual Behavior	3
SOC 472	Sociology Inequalities	3

* Other FHSU courses may be substituted as electives upon approval of the certificate coordinator.

Subtotal (6 credit hours)

Total Credit Hours: 12

Course Listings – Sociology Program

Undergraduate Credit

100 Orientation to the Discipline (1) For new sociology majors. A general overview of sociology as a scientific discipline and discussion of university resources, career opportunities, university and departmental requirements, and techniques for becoming a successful student.

140 Understanding Society* (3) Provides an understanding of basic concepts and theoretical paradigms and recognizes the contribution of major figures in the discipline. This includes the study of social processes, institutions and relationship of the individual to social structures.

145 Cultural Anthropology (3) An investigation of basic principles associated with all human cultures including historical evolution of culture, using macro-sociological and cultural anthropological perspectives. Specific preliterate and modern cultures are compared and analyzed.

310 Gender and Society (3) This course introduces students to key issues in the study of women and gender - such as class, race, sexuality, family life, work, and political power - and to the various methods of inquiry that different academic disciplines use to examine these issues. The course analyzes what it means to be female in contemporary societies, seeks to discover the historical factors that have shaped the current status of women from all parts of the world, and explores the various means by which women have attempted to achieve equality and empowerment.

311 Feminist Theory (3) This course examines the evolution of feminist thought over the past two centuries and considers the extent to which feminist theories have shaped and been shaped by social, economic, and cultural factors. The course explores a range of theoretical frameworks - including Marxism, Freudian psychoanalytic theory, materialism, radical feminism, and postmodernism - that feminists have applied to important and contested issues, such as the body, subjectivity, sexual difference, diversity, race, sexual orientation, identity politics, and colonialism. Requisites: SOC 310.

320 Sociology through Cinema (3) This course explores sociology, cinema, and society. Students will examine how major sociological concepts (such as social class, race, and gender), social institutions (such as the family, politics, and economics), and cultural and technology are portrayed in various motion pictures. Students will also examine how American society is reflected in motion pictures produced during different eras.

325 Popular Culture (3) This course considers the theoretical basis of media and cultural studies from both a critical and constructionist perspective, taking a close look at the production and consumption of culture. It examines how popular culture in the U.S. manifests in our daily lives through the media and other social institutions and actually reflects and perpetuates social inequities based on class, race, religion, region, age and gender. The course offers a critical perspective on mass media systems, but, more broadly, it

engages the student in the world of popular culture as a venue for understanding the influence of media systems' many social structures.

333 Global Forces in a Changing World (3) This course 1] analyzes periods of human cultural development with a special emphasis on recent culture change and global integration (sometimes called globalization) and 2] analyzes and compares the main characteristics of representative modern world cultures (developing, industrial and postindustrial) in the context of the rapid change that is sweeping across the globe.

335 Changing Faces of Culture (3) This course teaches the important skills of program development and evaluation for people who plan to write grant proposals for service agencies. Successful grant proposals have strong proposed programs and evaluations of those programs. Students will develop a fictitious program and prepare an evaluation for that program. Requisites: PR, any Intro- duction to Social Research course; SOC 670 Grant Proposal Development.

344 Social Deviance (3) Looks at society as a cluster of rules and examines the various categories of rule-breakers. Emphasis on how one comes to be defined as a rule-breaker, what means of social control are employed to ensure conformity, and how some rule-breaking is legitimated.

345 Topics in Anthropology + (1-3) Offers subjects that are not dealt with in the regular curriculum. See the semester class schedule for specific topics.

346 Assertiveness: A Model for Social Interaction (3) Analysis of assertiveness, aggression, and passivity, with applications to everyday life. Special focus on assertiveness as a healthy interpersonal orientation.

348 Topics in Sociology + (1-3) Designed to offer on an irregular basis subjects which are not dealt with in the regular curriculum. See the semester class schedule for specific topics.

350 Family Communication (3) This course provides a framework and perspective for analyzing the family as a communication system. Among topics covered are multigenerational communication, the impact of ethnicity on communication patterns, the role of everyday rituals, the development of intimacy among family members, and the family models and family conflict resolution strategies. Requisites: PR, SOC 140 or permission of instructor.

352 Stepfamilies (3) This course will assist students in exploring the history of stepfamilies and the challenges faced in developing and maintaining healthy stepfamily relationships. Among topics covered are stepfamily myths, the couple relationships, financial and legal concerns, stages of stepfamily development, stepparenting, children with stepfamilies, adult stepchildren, and the extended family. Requisites: PR, SOC 140 or permission of instructor.

355 Sociology of Death and Dying* (3) A sociological analysis of the meaning and place of death in contemporary society. Attention focused on the factors contributing to the mortality revolution and how this revolution is forcing a reconceptualization of dying, death, and bereavement. Cross cultural, death management practices, as well as the American way of death, will be examined. Special focus will be concentrated on emerging problems and the process of institutional reformulation in the area of death and dying.

361 Sociological Theory and Literature (3) An overview of major classical and contemporary sociological theories. An examination comparison/contrast of the theoretical dimensions of the theories. An application of theory to contemporary social phenomena. Requisites: PR, SOC 140 or instructor permission.

362 Methods of Social Research (3) The process of knowledge production and research design. Selected aspects of the philosophy of science and the logic of inquiry are related to the basic techniques of qualitative and quantitative research. Requisites: PR; SOC 140 or PERM.

366 Introduction to Addictions (3) This course will provide a theoretical framework for viewing human behavior as it relates to individuals who problematically use substances and the resulting consequences that can accompany that behavior. The theoretical framework will include the issues of identification of most abused substances, the physiological, psychological, and sociological impact of drug abuse, governmental, and social policies that affect approaches to drug use and treatment. We will also examine current treatment methods, including mutual-help groups and needs within special populations and underserved groups. The course will apply the Bio/Psycho/Social Model of Addiction as its foundation toward assessment of both pathology and client centered strengths, using theory, research, and techniques from the substance abuse and mental health fields.

367 Individual Counseling in Addictions (3) Individual Counseling will cover the competencies put forth in SAMHSA's Technical Assistance Publication Series #21 (TAP 21). The course will specifically focus on competencies 75-87. The competencies will be covered in the context of the counseling process, from Chemical Dependency Evaluation through relapse prevention and termination.

368 Client Management Procedures (3) The content of this course provides an understanding of how to develop the competencies necessary for effective screening, assessment, treatment planning, and record management. The course focuses on learning cognitive behavioral therapy; motivational enhancement; medication assisted treatment, skills training; and 12-step facilitation. Students learn how to develop a therapeutic alliance, and how to complete a biopsychosocial assessment. Additional course information will include learning about current drugs of abuse, screening questionnaires, dual-diagnosis, recovery plans, and adolescent treatment. Lastly, students will learn what it takes to be a good counselor including effective listening and setting healthy boundaries.

369 Pharmacology and High Risk Medical Issues (3) This course involves an examination of the major categories of drugs and primarily the specific drugs of abuse. Many drugs used in clinical and medical areas will also be considered. Some specific areas that will be covered in the course include the history of psychopharmacology, the nervous system and neural processes in drug action with drugs of abuse, mechanisms of tolerance and dependence, classifications and characteristics of types of drugs, and uses and abuses of the various drugs. The intent is to provide instruction for students seeking to be professional addiction counselors. This course is designed to assist the student in preparing to meet minimum standards for AAPS licensed treatment facilities in the State of Kansas and the requirements for Registered Alcohol and other Drug Abuse Counselor through the Behavioral Sciences Regulatory Board.

370 Addictions Counseling with Families (3) The content of this course provides an understanding of the effects of substance use on family dynamics. This course examines the emotional system, including symbiosis, triangulation, self-differentiation, developmental factors, detachment and disengagement and the multigenerational transmission process. The course examines functional and dysfunctional family organization structure and development. Critical issues in families struggling with substance use are addressed. Students will also learn to assess the issues unique to each family. They include the stages of addiction and dependency, emotional abuse, domestic violence, sexual abuse, abandonment and physical or mental illness. The course will examine the class will examine the course of family treatment, counselor roles in treatment and difficulties in working with addicted families. Lastly, students will learn of the recovery process of the family, including the developmental model of recovery and the intervention process.

371 Ethics in Addictions Counseling (3) The purpose of this course is to provide students with a background of knowledge in ethics and ethical issues in addiction counseling. Students will learn the importance of ethical codes, the difference between moral and legal obligations, and how to apply ethical codes in decision-making. Students will evaluate case studies of ethical situations and learn to apply ethical decision-making to situations that may occur in their professional endeavors.

372 Psychopathology and Addictions (3) Covers the competencies put forth in SAMHSA's Technical Assistance Publication Series #21 (TAP 21). The course will specifically focus on competencies 24-36. The competencies will be covered in the context of familiarizing oneself specifically with the DSM 5 and psychopathology in general. Additional information found in SAMHSA's Technical Improvement Protocol #42 (TIP 42) may also be utilized.

373 Group Counseling with Addictions Populations (3) Course introduces the student to the basic dynamics and theories of group counseling. The course will also assist the student in developing appropriate skills necessary to facilitate addiction counseling groups. In addition, the overall purpose of the course is to assist the student to integrate theory and skills into a working foundation. Through the content of the course, the student will have an opportunity to explore and understand

the evolution of the dynamics and processes of addiction counseling groups.

375 Medical Sociology (3) An overview of several sociological subjects as they impact public health. These subjects include demographic and social factors and illness, epidemiology, the meaning and experience of illness, health care systems and settings in the US and abroad, an overview of health care providers, and a brief introduction of bioethics. Prerequisites: PR, SOC 140.

376 Diversity in the United States (3) A study of the United States of America and its role in the world as a multicultural democracy, with specific emphasis given to cultural diversity as embodied in the ideal notion of pluralistic identity. Through the social sciences, humanities and arts, history, and international perspectives, the course will explore the principles and dynamics of diversity in the United States while promoting social responsibility and demonstrating civic competency.

377 Addictions Practicum I (3) This is the first of two practicum classes. The student is required to complete 200 hours of intensive field experience in an addictions treatment or psychological service provider addressing the needs of clients with alcohol and drug problems. Involvement will include observation and participation in aspects of treatment delivery appropriate to begin development of the necessary skills and intervention techniques. Involvement will also include didactic learning related to substance use disorders in a face-to-face manner, direct counseling experience including intakes, treatment planning, discharge planning, documentation, and case management activities as well as additional learning objectives agreed upon by the Student, Practicum Coordinator, Practicum Instructor, and the Field Agency Supervisor. Supervision will include at least one hour of supervision for every 10 hours of practice. Supervision shall be provided by the program's faculty and agency supervisors, at least one of whom shall be licensed at the clinical level.

378 Addictions Practicum II (3) This class is the second of two practicum experiences. The students will participate in an intensive field experience consisting of 300 hours of practicum experience at an addictions treatment or psychological service provider addressing the needs of clients with alcohol and drug problems. Involvement will include didactic learning related to substance use disorders in a face-to-face manner, direct counseling experience including intakes, treatment planning, discharge planning, documentation, and case management activities as well as additional learning objectives agreed upon by the Student, Practicum Coordinator, Practicum Instructor, and the Field Agency Supervisor. Upon completion of this practicum class, the student will have completed 500 total clock hours of practicum experience in Addictions Practicum I and II. Supervision will include at least one hour of supervision for every 10 hours of practice. Supervision shall be provided by the program's faculty and agency supervisors, at least one of whom shall be licensed at the clinical level.

384 Social Problems (3) A sociological analysis of many of the major social problems in the U.S., such as inequality, crime, sexism, racism, power, and education. Such

problems are examined from several different perspectives.

388 Sociology of the Family in America* (3) A sociological analysis of the family as the basic social institution. Attention focused on the creation, transmission, and reformulation of the rules of sexual behavior, marriage, childbearing, residence, descent, and authority with emphasis on enhancing the ability of individuals to make informed choices.

411 Social Change (3) A survey of theories of social change, emphasizing the problems associated with the concept of change. Differences between dialectical and developmental approaches to social change are explored. The relationship between cultural change and social change is examined.

425 Microsociology (3) Analysis of the influence of social factors on the individual. Focus on psychological sociology, with theoretical and practical application of such processes as conformity, conflict, cooperation, perception, affiliation, etc.

430 Social Organization (3) Examination of the process by which social relations become ordered, structural products of this process; emphasis upon institutions and formal organizations.

436 Demography (3) Examination of national and international population trends (sex ratios, composition, migration, fertility, and mortality) and their singular and interactive impact on societies, their social institutions, and their policymaking strategies and processes.

446 Contemporary Social Movements (3) This course engages students in the study of social movements and political contention occurring in the modern era. The course focuses on the architecture of movement emergence, growth, and decline, from political opportunities and collective action frames to mobilizing resources and developing tactics. Throughout, students will examine competing ideologies and interactions between movements and political institutions.

460 Comparative Cultures and Societies (3) This course will examine social structures, social processes, and social life of people coming from different parts of the world. In addition to providing an overview of cultures of different societies, the course will focus on a number of institutions, for instance, family, education, economics, politics, religion, and healthcare. Particular focus will be given to specific countries in different world regions.

466 Sociology of Sexual Behavior (3) An examination of trends in sexuality, sex roles, fertility, marital, and non-marital relations; parenting and the impact of changing sexual practices on individuals and institutions.

470 Grant Writing (3) Grant money to assist people in need is available for all communities and all categories of people in need in the U.S. and most of the world. However, the

competition for this money is normally very high, and only the best conceptualized and best written grant proposals are funded. In this course, students learn how to 1) package their ideas for a grant in the most compelling manners, and 2) prepare each part of a grant proposal to be as powerful as possible. Grant writing is a highly desired professional skill, and those who have this skill often experience improved job mobility and job security. Some students who take this course seek this professional edge in their careers, while other students want to use their grant writing skill on a volunteer basis. Volunteer grant writing is often done for one's church, a local school, the local fire department or ambulance service – and to meet a vast array of other grassroots community needs.

471 Applied Sociology (3) This course teaches skills for applying theoretical and methodological knowledge of the discipline to real world problems/issues. Students will learn techniques for applying content knowledge and methodological knowledge to the arenas of government, non-profits, and for-profits. Students will also learn how to convey to such entities the importance and utility of their own personal knowledge/skills learned from the discipline. Students will work with a "client" as a requirement of the course. Requisites: PR, SOC 140, SOC 362 or permission of instructor.

472 Social Inequality (3) A theoretical and empirical examination of structured social inequality in societies based on power, privilege, and prestige.

473 Program Development and Evaluation (3) This course provides the opportunity to more intensively investigate several issues introduced in SOC 470, Grant Writing. Students learn how to 1) conduct needs assessments to obtain strong local data to be used when building a program for a grant proposal, 2) build a social program on paper following a 15-step process, and 3) formally evaluate a social program. Requisites: SOC 470 or equivalent course.

475 Rural and Urban Sociology (3) This course provides an examination of rural, urban, and suburban life including the processes of urbanization (the transition from rural to urban society) and suburbanization. Topics also include the development of the scientific study of rural and urban society; the symbiotic relationship between rural and urban areas; the historical development of cities; city planning and development; and an examination of social, demographic and ecological forces shaping the rural, urban and suburban life, and social problems in these areas. Students will perform empirical research in their own communities and interpret their findings.

485 Sociology of Human Relationships (3) Human relationships constitute distinctive and important social phenomena, which require a systematic conceptualization in order to develop, maintain, and/or modify them. The purpose of this course is to gain an understanding of human relationships that will make possible their systematic assessment and classification and provide a basis for intervention to improve their functioning.

Undergraduate/Graduate Credit

621 Advanced Sociological Research (3) An applied and technique-oriented course in which students engage in qualitative and quantitative projects, data analysis B, SPSS, and report writing. Requisites: PERM.

644 Sociology of Aging (3) Examines the status of the elderly in contemporary society. Designed to sensitize students to the conditions which operate to define the elderly as "a problem group." Emphasis on both theoretical and applied work in gerontology.

647 Comparative Cultural Anthropology (3) The study of traditional indigenous cultures and how they contrast with industrial/post-industrial societies regarding family, politics, economics, and religion.

664 Social Entrepreneurship and Grassroots Social Action (3) Every direction we turn in our community and world there are opportunities to do good by helping others in need through grassroots social action. Social entrepreneurship is defined as the use of innovation to find new ways to help categories of people in need. This course helps students 1) identify categories of people in need about whom they most care, 2) understand the challenges and successes of existing grassroots social action organizations, 3) learn the principles for designing a grassroots community project to help others in need, and 4) build a grassroots social action project on paper (that can later be initiated if desired by the student). Many students who take this course want to build grassroots social action organizing skills now for use later in life. Some students want to build a career in the area of social entrepreneurship.

671 Program Development and Evaluation (3) This course provides the opportunity to more intensively investigate several issues introduced in SOC 470, Grant Writing. Students learn how to 1) conduct needs assessments to obtain strong local data to be used when building a program for a grant proposal, 2) build a social program on paper following a 15-step process, and 3) formally evaluate a social program.

672 Workshop in Sociology + (1-3) Selected topics are subjected to intensive examination. Emphasis is upon student participation in discussions and extra class projects. Of special interest to students in the areas of business, teaching, social work, and school administration. Requisites: PERM.

674 Independent Study in Sociology + (1-3) Reading and/or research programs to fit the individual needs of advanced students in the social sciences. Topics are chosen in consultation with a faculty advisor. Requisites: PERM.

675 Seminar in Sociology + (1-3) Advanced work in selected areas such as medical sociology, the profession of sociology, sociology of knowledge, occupations, and professions. Emphasis on student participation. Requisites: PERM.

676 Apprenticeship in Sociology+ (1-3) Course is designed to provide practical experience in teaching and administration in sociology or for participating in a faculty-sponsored research project. Requisites: PERM.

677 Internship in Sociology + (1-3) For sociology majors with good academic standing. Provides practical experience in community organizations and social agencies. Systematic recording and reporting of the work experience and supplementary reading are required. PERM.

679 Community Theory and Development (3) This course provides a dynamic exploration of the sociological concept of community. Students will examine the study of human relationship patterns, human ecology, and social networks. In addition, formal and informal social interaction and social capital will be explored. This course actively engages students in theoretical activity and puts knowledge to work through class assignments and activities. Requisites: PR, PERM or SOC 140.

680 Nonprofit Organizations (3) Managing and operating non-profit agencies requires a set of skills that are duplicative, yet different from those of operating a for-profit corporation. Learn about the similarities and differences of management and operations of agencies whose mission is to serve the community, as opposed to making a profit for the shareholders. This course will explore the process of incorporating a nonprofit organization, including developing a mission statement, and the steps involved in securing tax exemption through the Internal Revenue Service. Students will develop an understanding of a) leadership and management of human resources in a nonprofit with limited resources; b) the role of the internal and external environment in developing a strategic plan; c) managing the financial position of the organization; and d) the role of marketing and public relations to meet the organizational mission of a nonprofit organization.

681 Non Governmental Org: Global Social Innovation (3) Through case studies and the use of the sociological and other perspectives, this course analyzes Non Governmental Organizations (NGOs), their values, structure, history, and roles in the field of development and social change. The course focuses particular attention in the international field by analyzing NGOs in less developed countries.

Graduate Credit

721 Advanced Sociological Research (3) An applied and technique oriented course in which students engage in qualitative and quantitative projects, data analysis b, spss and report writing.

770 Workshop in Sociology (3) Selected topics are subjected to intensive examination. Emphasis is upon student participation in discussions and extra class projects. Of special interest to students in the areas of business, teaching, social work, and school administration.

775 Seminar in Sociology (3) Advanced work in selected areas such as medical sociology, the profession of sociology, sociology of knowledge, occupations and professions. Emphasis on student participation.

870 Grant Writing (3) This course provides instruction on how to write powerful and compelling grant proposals to

fund projects to assist categories of people in need. Students learn how to write the most difficult and complex types of grant proposals for both private foundations and government funding source.

School of Visual and Performing Arts

Art and Design Program

Program Leadership: Karrie Simpson Voth

For updated information, see our website at www.fhsu.edu/art/.

The Art and Design program offers degrees on the undergraduate and graduate levels to develop skills and creative expression within the basic areas of the visual arts. The Moss-Thorns Gallery of Art supports these programs by providing students with broad exposure to historical and contemporary exhibitions throughout the year.

Explore the World of Art and Design

As a student in the Art and Design program, grow in skill level and knowledge. Become part of an active community of student artists who enjoy producing their own artwork and collaborating on group projects. Work closely with mentor professors throughout your program who help you develop your talents and gain confidence as an artist.

As an art major at FHSU, do more -and sooner -than art majors at many schools, helping you develop the skills and work habits of a professional artist. You will have 24-hour access to a wide variety of facilities from the beginning of your college career to practice your skills and produce your art, including:

- Modern computer labs
- Accessible studios
- A foundry

As an arts-centered community, Hays offers great opportunities for your work to be exhibited in the active local art scene. We have three seasonal “Gallery Walks” every year in Hays, with fantastic community support. Also, be sure to view our digital art collection.

With the help of an experienced and accessible faculty, be prepared to work hard and have fun as you pursue your passion for art. We invite you to explore the Web site for more information, or contact us to speak with a faculty advisor.

Bachelor of Arts: Art (Ceramics)

Systemwide General Education Program

BFA Degree: 120 credit hours (Effective Fall 2023)

Major Concentration: **Art with an emphasis in Ceramics**

All students are required complete 120 credit hours to earn a B.A or BFA degree (45 credit hours must be upper-division)

ART & DESIGN MAJOR PROGRAM

CORE COURSES: 12 credit hours		
ART 101 Drawing I	3	
ART 102 Drawing II	3	
ART 103 2-D Design	3	
ART 104 3-D Design	3	

ART HISTORY REQUIREMENTS: 12 credit hours		
ART 201 Survey of Art History I	3	
ART 202 Survey of Art History II	3	
<i>Choose 2 courses from the options listed below</i>		
1.	3	
2.	3	

STUDIO COURSE REQUIREMENTS: 12 credit hours		
ART 220 Introduction to Painting		
ART 230 Sculpture I		
ART 241 Architectural Design		
ART 243 Graphic Design I		
ART 244 Creative Photography		
ART 250 Printmaking I		
ART 310 Figure Drawing		
ART 335 Book Design		
ART 340 Digital Illustration		
*Other options available upon request		

MAJOR CONCENTRATION: 35 credit hours		
ART 260 Ceramics I	3	
ART 360 Ceramics II or ART 460 Ceramics III	3	
ART 360 Ceramics II or ART 460 Ceramics III	3	
ART 460 Ceramics III	3	
ART 460 Ceramics III	3	
ART 460 Ceramics III	3	
ART 460 Ceramics III	3	
ART 460 Ceramics III	3	
ART 460 or ART 670 Summer Workshop	3	
ART 460 or ART 670 Summer Workshop	3	
ART 665 Problems: Ceramics I	1	
ART 665 Problems: Ceramics I	1	
ART 653 Professional Development in Studio Art*	3	

GENERAL EDUCATION: 34 credit hours

ENGLISH DISCIPLINE		
ENG 101 English Composition I	3	
ENG 102 English Composition II	3	

COMMUNICATION DISCIPLINE		
COMM 100 Fundamentals of Oral Communication	3	

MATHEMATICS & STATISTICS DISCIPLINE		
	3	

SOCIAL & BEHAVIORAL SCIENCES DISCIPLINE		
	3	
	3	

ARTS & HUMANITIES DISCIPLINE		
ART 201 Survey of Art History I	3	
	3	

NATURAL & PHYSICAL SCIENCES DISCIPLINE		
	3	
	1	

CRITICAL THINKING		
	3	

PERSONAL & PROFESSIONAL DEVELOPMENT		
<i>(FIN 205 Principles of Personal Finance recommended)</i>	3	

CERTIFICATE, MINOR, OR COGNATES: 15 credit hours		

ART HISTORY COURSE OPTIONS: ART 481 Ancient Art • ART 482 Non-Western Art • ART 483 Medieval Art
 ART 484 Renaissance/Baroque Art • ART 486 18th–19th Century Art • ART 487 20th Century Art • ART 488 Visual Culture (*online only*)
 ART 491 Late Modernism and Contemporary Art

Bachelor of Fine Arts: Art (Drawing)

Systemwide General Education Program

BFA Degree: 120 credit hours (Effective Fall 2023)

Major Concentration: Art with an emphasis in Drawing

All students are required complete 120 credit hours to earn a B.A or B.F.A degree (45 credit hours must be upper-division)

ART & DESIGN MAJOR PROGRAM

CORE COURSES: 12 credit hours		
ART 101 Drawing I	3	
ART 102 Drawing II	3	
ART 103 2-D Design	3	
ART 104 3-D Design	3	

ART HISTORY REQUIREMENTS: 12 credit hours		
ART 201 Survey of Art History I	3	
ART 202 Survey of Art History II	3	
<i>Choose 2 courses from the options listed below</i>		
1.	3	
2.	3	

STUDIO COURSE REQUIREMENTS: 12 credit hours		
ART 220 Introduction to Painting (<i>required</i>)	3	
ART 230 Sculpture I		
ART 241 Architectural Design		
ART 243 Graphic Design I		
ART 244 Creative Photography (<i>required</i>)	3	
ART 250 Printmaking I		
ART 260 Ceramics I		
ART 335 Bookmaking		
*Other options available upon request		

MAJOR CONCENTRATION: 39 credit hours		
ART 308 Community-Based Art I	3	
ART 310 Figure Drawing		
ART 410 Drawing III	3	
ART 320 Acrylic Painting <i>or</i> ART 420 Painting <i>or</i> ART 625 Problems: Painting	3	
ART 340 Digital Illustration	3	
ART 475 Topics in Art II: Digital Photography I	3	
ART 615 Problems: Drawing I	3	
ART 615 Problems: Drawing I	3	
ART 615 Problems: Drawing I	3	
ART 615 Problems: Drawing I	3	
ART 615 Problems: Drawing I (<i>Exhibition and Portfolio</i>)	1	
ART 653 Professional Development in Studio Art	3	

GENERAL EDUCATION: 34 credit hours

ENGLISH DISCIPLINE		
ENG 101 English Composition I	3	
ENG 102 English Composition II	3	

COMMUNICATION DISCIPLINE		
COMM 100 Fundamentals of Oral Communication	3	

MATHEMATICS & STATISTICS DISCIPLINE		
	3	

SOCIAL & BEHAVIORAL SCIENCES DISCIPLINE		
	3	
	3	

ARTS & HUMANITIES DISCIPLINE		
ART 201 Survey of Art History I	3	
	3	

NATURAL & PHYSICAL SCIENCES DISCIPLINE		
	3	
	1	

CRITICAL THINKING		
	3	

PERSONAL & PROFESSIONAL DEVELOPMENT		
(FIN 205 Principles of Personal Finance recommended)	3	

CERTIFICATE, MINOR, OR COGNATES: 11 credit hours*		

**Discuss with your mentor to align your research with the appropriate upper-division courses.*

ART HISTORY COURSE OPTIONS: ART 481 Ancient Art • ART 482 Non-Western Art • ART 483 Medieval Art

ART 484 Renaissance/Baroque Art • ART 486 18th–19th Century Art • ART 487 20th Century Art • ART 488 Visual Culture (*online only*)

ART 491 Late Modernism and Contemporary Art

Bachelor of Fine Arts: Art (Painting)

Systemwide General Education Program

BFA Degree: 120 credit hours (Effective Fall 2023)

Major Concentration: **Art with an emphasis in Painting**

All students are required complete 120 credit hours to earn a B.A or BFA degree (45 credit hours must be upper-division)

ART & DESIGN MAJOR PROGRAM

CORE COURSES: 12 credit hours		
ART 101 Drawing I	3	
ART 102 Drawing II	3	
ART 103 2-D Design	3	
ART 104 3-D Design	3	

ART HISTORY REQUIREMENTS: 12 credit hours		
ART 201 Survey of Art History I	3	
ART 202 Survey of Art History II	3	
<i>Choose 2 courses from the options listed below</i>		
1.	3	
2.	3	

STUDIO COURSE REQUIREMENTS: 12 credit hours		
ART 230 Sculpture I		
ART 241 Architectural Design		
ART 243 Graphic Design I		
ART 244 Creative Photography		
ART 250 Printmaking I		
ART 260 Ceramics I		
ART 335 Book Design		
*Other options available upon request		

MAJOR CONCENTRATION: 34 credit hours		
ART 220 Introduction to Painting	3	
ART 310 Figure Drawing	3	
ART 340 Digital Illustration	3	
ART 410 Drawing III	3	
ART 320 Acrylic Painting	3	
ART 321 Watercolor Painting	3	
ART 420 Painting	3	
ART 625 Problems: Painting I	3	
ART 625 Problems: Painting I	3	
ART 625 Problems: Painting I	3	
ART 625 Problems: Painting I	1	
ART 653 Professional Development in Studio Art	3	

GENERAL EDUCATION: 34 credit hours

ENGLISH DISCIPLINE		
ENG 101 English Composition I	3	
ENG 102 English Composition II	3	

COMMUNICATION DISCIPLINE		
COMM 100 Fundamentals of Oral Communication	3	

MATHEMATICS & STATISTICS DISCIPLINE		
	3	

SOCIAL & BEHAVIORAL SCIENCES DISCIPLINE		
	3	
	3	

ARTS & HUMANITIES DISCIPLINE		
ART 201 Survey of Art History I	3	
	3	

NATURAL & PHYSICAL SCIENCES DISCIPLINE		
	3	
	1	

CRITICAL THINKING		
	3	

PERSONAL & PROFESSIONAL DEVELOPMENT		
<i>(FIN 205 Principles of Personal Finance recommended)</i>	3	

CERTIFICATE, MINOR, OR COGNATES: 16 credit hours		
	3	
	3	
	3	
	3	
	3	
	1	

ART HISTORY COURSE OPTIONS: ART 481 Ancient Art • ART 482 Non-Western Art • ART 483 Medieval Art

ART 484 Renaissance/Baroque Art • ART 486 18th–19th Century Art • ART 487 20th Century Art • ART 488 Visual Culture (*online only*)

ART 491 Late Modernism and Contemporary Art

Bachelor of Fine Arts: Art (Printmaking)

Systemwide General Education Program

BFA Degree: 120 credit hours (Effective Fall 2023)

Major Concentration: **Art with an emphasis in Printmaking**

All students are required complete 120 credit hours to earn a B.A or BFA degree (45 credit hours must be upper-division)

ART & DESIGN MAJOR PROGRAM

CORE COURSES: 12 credit hours		
ART 101 Drawing I	3	
ART 102 Drawing II	3	
ART 103 2-D Design	3	
ART 104 3-D Design	3	

ART HISTORY REQUIREMENTS: 12 credit hours		
ART 201 Survey of Art History I	3	
ART 202 Survey of Art History II	3	
<i>Choose 2 courses from the options listed below</i>		
1.	3	
2.	3	

STUDIO COURSE REQUIREMENTS: 12 credit hours		
ART 220 Introduction to Painting (<i>required</i>)	3	
ART 230 Sculpture I		
ART 241 Architectural Design		
ART 243 Graphic Design I		
ART 244 Creative Photography		
ART 260 Ceramics I		
ART 335 Book Design		
ART 340 Digital Illustration		
*Other options available upon request		

MAJOR CONCENTRATION: 34 credit hours		
ART 250 Printmaking	3	
ART 310 Figure Drawing	3	
ART 350 Printmaking II	3	
ART 450 Printmaking III	3	
ART 655 Problems: Printmaking I	3	
ART 655 Problems: Printmaking I	3	
ART 655 Problems: Printmaking I	3	
ART 655 Problems: Printmaking I	3	
ART 655 Problems: Printmaking I	3	
ART 655 Problems: Printmaking I	3	
ART 655 Problems: Printmaking (<i>Exhibition and Portfolio</i>)	1	
ART 653 Professional Development in Studio Art	3	

GENERAL EDUCATION: 34 credit hours

ENGLISH DISCIPLINE		
ENG 101 English Composition I	3	
ENG 102 English Composition II	3	

COMMUNICATION DISCIPLINE		
COMM 100 Fundamentals of Oral Communication	3	

MATHEMATICS & STATISTICS DISCIPLINE		
	3	

SOCIAL & BEHAVIORAL SCIENCES DISCIPLINE		
	3	
	3	

ARTS & HUMANITIES DISCIPLINE		
ART 201 Survey of Art History I	3	
	3	

NATURAL & PHYSICAL SCIENCES DISCIPLINE		
	3	
	1	

CRITICAL THINKING		
	3	

PERSONAL & PROFESSIONAL DEVELOPMENT		
(<i>FIN 205 Principles of Personal Finance recommended</i>)	3	

CERTIFICATE, MINOR, OR COGNATES: 16 credit hours*		
ART 245 Computer Assisted Graphic Design (<i>required</i>)	3	

ART HISTORY COURSE OPTIONS: ART 481 Ancient Art • ART 482 Non-Western Art • ART 483 Medieval Art
 ART 484 Renaissance/Baroque Art • ART 486 18th–19th Century Art • ART 487 20th Century Art • ART 488 Visual Culture (*online only*)
 ART 491 Late Modernism and Contemporary Art

Bachelor of Fine Arts: Art (Sculpture)

Systemwide General Education Program

BFA Degree: 120 credit hours (Effective Fall 2023)

Major Concentration: **Art with an emphasis in Sculpture**

All students are required complete 120 credit hours to earn a B.A or B.F.A degree (45 credit hours must be upper-division)

ART & DESIGN MAJOR PROGRAM		
CORE COURSES: 12 credit hours		
ART 101 Drawing I	3	
ART 102 Drawing II	3	
ART 103 2-D Design	3	
ART 104 3-D Design	3	

ART HISTORY REQUIREMENTS: 12 credit hours		
ART 201 Survey of Art History I	3	
ART 202 Survey of Art History II	3	
<i>Choose 2 courses from the options listed below</i>		
1	3	

STUDIO COURSE REQUIREMENTS: 12 credit hours		
ART 220 Introduction to Painting		
ART 241 Architectural Design		
ART 243 Graphic Design I		
ART 244 Creative Photography		
ART 250 Printmaking		
ART 260 Ceramics I		
ART 310 Figure Drawing		
ART 335 Book Design		
ART 340 Digital Illustration		
*Other options available upon request		

MAJOR CONCENTRATION: 34 credit hours		
ART 230 Sculpture I	3	
ART 330 Sculpture II	3	
ART 430 Sculpture III	3	
ART 475 Topics in Art II: Blacksmithing	3	
ART 635 Problems in Sculpture	3	
ART 635 Problems in Sculpture	3	
ART 635 Problems in Sculpture	3	
ART 635 Problems in Sculpture	3	
ART 635 Problems in Sculpture or TECS course*	3	
<i>*see back for TECS course options</i>		
ART 635 Problems in Sculpture or TECS course*	3	
ART 635 Problems in Sculpture or TECS course*	1	
ART 653 Professional Development in Studio Art	3	

GENERAL EDUCATION: 34 credit hours		
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ENGLISH DISCIPLINE		
ENG 101 English Composition I	3	
ENG 102 English Composition II	3	

COMMUNICATION DISCIPLINE		
COMM 100 Fundamentals of Oral Communication	3	

MATHEMATICS & STATISTICS DISCIPLINE		
	3	

SOCIAL & BEHAVIORAL SCIENCES DISCIPLINE		
	3	
	3	

ARTS & HUMANITIES DISCIPLINE		
ART 201 Survey of Art History I	3	
	3	

NATURAL & PHYSICAL SCIENCES DISCIPLINE		
	3	
	1	

CRITICAL THINKING		
	3	

PERSONAL & PROFESSIONAL DEVELOPMENT		
<i>(FIN 205 Principles of Personal Finance recommended)</i>	3	

CERTIFICATE, MINOR, OR COGNATES: 16 credit hours*		
	3	
	3	
	3	
	3	
	3	
	1	

***Discuss with your mentor to align your research with the appropriate upper-division courses.**

ART HISTORY COURSE OPTIONS: ART 481 Ancient Art • ART 482 Non-Western Art • ART 483 Medieval Art
 ART 484 Renaissance/Baroque Art • ART 486 18th–19th Century Art • ART 487 20th Century Art • ART 488 Visual Culture (*online only*)
 ART 491 Late Modernism and Contemporary Art

TECS COURSE OPTIONS: <i>Up to 3 of these courses can be substituted for ART 635: Problems and/or used as Cognates</i>	
TECS 119 Intro to Welding	3
TECS 240 Plastics Processes	3
TECS 280 Wood Processes	3
TECS 318 Intro. to Computer Aided Drafting	3
TECS 331 Machine Tool Operations	3
TECS 406 Problems: Technology Studies	3
TECS 430 Computer Aided Manufacturing	3

Bachelor of Arts: Art (Education)

Systemwide General Education Program

BA Degree: 120 credit hours minimum including 31 hours of required Teacher Certification courses

(Effective Fall 2023)

Major Concentration: Art with and emphasis in Art Education

ART & DESIGN MAJOR PROGRAM

CORE COURSES: 12 credit hours		
ART 101 Drawing I	3	
ART 102 Drawing II	3	
ART 103 2-D Design	3	
ART 104 3-D Design	3	

ART HISTORY REQUIREMENTS: 12 credit hours		
ART 201 Survey of Art History I	3	
ART 202 Survey of Art History II	3	
<i>Choose 2 courses from the options listed below</i>		
1.	3	
2.	3	

STUDIO COURSE REQUIREMENTS: 12 credit hours		
ART 220 Introduction to Painting (<i>required</i>)	3	
ART 241 Architectural Design		
ART 243 Graphic Design I		
ART 244 Creative Photography		
ART 250 Printmaking		
ART 260 Ceramics I (<i>required</i>)	3	
ART 310 Figure Drawing (<i>required</i>)	3	
ART 335 Book Design		
ART 340 Digital Illustration		
*Other options available upon request		

MAJOR CONCENTRATION: 13 credit hours		
<i>Choose from: Ceramics, Drawing, Painting, Photography, Printmaking, or Sculpture (Must be 300-level and above)</i>		
	3	
	3	
	3	
	1	
ART 653 Professional Development in Studio Art	3	

ART HISTORY COURSE OPTIONS:

ART 481 Ancient Art • ART 482 Non-Western Art
 ART 483 Medieval Art • ART 484 Renaissance/Baroque Art ART 486
 18th–19th Century Art • ART 487 20th Century Art ART 488 Visual
 Culture (*online only*)
 ART 491 Late Modernism and Contemporary Art

GENERAL EDUCATION: 37 credit hours*

ENGLISH DISCIPLINE		
ENG 101 English Composition I	3	
ENG 102 English Composition II	3	

COMMUNICATION DISCIPLINE		
COMM 100 Fundamentals of Oral Communication	3	

MATHEMATICS & STATISTICS DISCIPLINE		
MATH 105 College Algebra (<i>required for Teacher Cert.</i>)	3	
MATH 250 Elements of Statistics (<i>required for Teacher Certification</i>)*	3	

SOCIAL & BEHAVIORAL SCIENCES DISCIPLINE		
	3	
	3	

ARTS & HUMANITIES DISCIPLINE		
ART 201 Survey of Art History I	3	
	3	

NATURAL & PHYSICAL SCIENCES DISCIPLINE		
	3	
	1	

CRITICAL THINKING		
	3	

PERSONAL & PROFESSIONAL DEVELOPMENT		
(FIN 205 Principles of Personal Finance recommended)	3	

MODERN LANGUAGES: 10 credit hours		
MLNG 201 <i>or</i> 225 (Beginning French I <i>or</i> Spanish I)	5	
MLNG 202 <i>or</i> 226 (Beginning French II <i>or</i> Spanish II)	5	

REQUIRED COGNATES: 9 credit hours		
ART 300 Elementary Art Methods	2	
ART 400 Secondary School Art	3	
ART 277 Elementary Field Experience	1	
TEEL 340 Classroom Management	3	

TEACHER CERTIFICATION: 31 CREDIT HOURS		
TEEL 202 Foundations of Education	3	
TEEL 231 Human Growth & Development	3	
TECS 301 Intro. to Instructional Technology	3	
TESP 302 Educating Exceptional Students	3	
TEEL 431 Educational Psychology*	3	
TESS 494 The Secondary School Experience	4	
TESS 496 Directed Teaching Secondary	6	
TESS 496 Directed Teaching Elementary	6	

Teacher Education Admission Requirements

General Education Courses (*complete with grades of “B” or better*)

- ENG 102 English Composition II
- COMM 100 Fundamentals of Oral Communication

General Education Courses (*complete with grades of “C” or better*)

- ENG 101 English Composition I
- MATH 110 College Algebra (can substitute Pre-Calculus or Calculus)
- MATH 250 Elements of Statistics

Pre-Professional Courses (*complete with grades of “C” or better*)

- TEEL 202 Foundations of Education
- TEEL 231 Human Growth & Development
- TECS 301 Introduction to Instructional Technology
- ART 277 Early Field Experience
- 2.75 cumulative GPA OR 2.75 GPA on your last 60 hours of college credit courses
- Negative TB verification - Completed no more than 6 months prior to Early Field Experience (Secondary majors) or applying for Teacher Ed. admission
- National background check OR Kansas Teaching License - Completed/Issued no more than 6 months prior to Early Field Experience (Secondary majors) or applying for Teacher Ed. admission
- FHSU Teacher Education Disposition Assessment (linked within Teacher Education Admission Application)

Once students are accepted into the Teacher Education program, the courses TEEL 431 Educational Psychology, TESS 494 The Secondary School Experience, and 12 credit hours of student teaching can be registered.

For students to begin student teaching, the following must be completed:

- Admission to student teaching by permission from Art Education Instructor, or Chair of Art Department
- Student maintains a cumulative GPA of 2.75 or higher including art coursework
- Student obtains professional liability insurance from NAEA and KAEA through student membership to the organization.
- Candidate will earn active Pre-K-12 Kansas State Teaching License for Art when the following has been completed.
- Obtain bachelor’s degree within teaching content and complete all teacher education coursework.
- Complete student teaching semester with passing PPAT assessment scores.
- Earn passing score on Praxis PLT (Principles of Learning and Teaching) assessment.
- Earn passing score on Praxis Art Content assessment

Bachelor of Arts: Art (Art History)

Systemwide General Education Program

BA Degree: 120 credit hours (Effective Fall 2023)

Major Concentration: **Art with an emphasis in Art History**

All students are required complete 120 credit hours to earn a BA or BFA degree (45 credit hours must be upper-division)

ART & DESIGN MAJOR PROGRAM		
CORE COURSES: 18 credit hours		
ART 101 Drawing I	3	
ART 102 Drawing II	3	
ART 103 2-D Design	3	
ART 104 3-D Design	3	
ART 201 Survey of Art History I	3	
ART 202 Survey of Art History II	3	
ART HISTORY COURSE OPTIONS		
ART 481 Ancient Art		
ART 482 Non-Western Art		
ART 483 Medieval Art		
ART 484 Renaissance/Baroque Art		
ART 486 18 th -19 th Century Art		
ART 487 20 th Century Art		
ART 488 Visual Culture (<i>online only</i>)		
ART 491 Late Modernism and Contemporary Art		
STUDIO COURSE REQUIREMENTS: 12 credit hours		
ART 220 Introduction to Painting		
ART 230 Sculpture		
ART 241 Architectural Design		
ART 243 Graphic Design I		
ART 244 Creative Photography		
ART 250 Printmaking		
ART 260 Ceramics I		
ART 310 Figure Drawing		
ART 335 Book Design		
ART 340 Digital Illustration		
*Other options available upon request		
MAJOR CONCENTRATION: 25 credit hours		
<i>Choose 6 courses from the options listed below</i>		
	3	
	3	
	3	
	3	
	3	
	3	
ART 480 Readings in Art History	3	
ART 480 Readings in Art History	1	
ART 653 Professional Development in Studio Art	3	

GENERAL EDUCATION: 34 credit hours		
ENGLISH DISCIPLINE		
ENG 101 English Composition I	3	
ENG 102 English Composition II	3	
COMMUNICATION DISCIPLINE		
COMM 100 Fundamentals of Oral Communication	3	
MATHEMATICS & STATISTICS DISCIPLINE		
	3	
CERTIFICATE, MINOR, ELECTIVES, OR COGNATES: 21 credit hours		
HIST 379 Historical Methods (<i>required</i>)	3	
	3	
	3	
	3	
	3	
	3	
	3	
SOCIAL & BEHAVIORAL SCIENCES DISCIPLINE		
	3	
	3	
ARTS & HUMANITIES DISCIPLINE		
ART 201 Survey of Art History I	3	
	3	
NATURAL & PHYSICAL SCIENCES DISCIPLINE		
	3	
	1	
CRITICAL THINKING		
	3	
PERSONAL & PROFESSIONAL DEVELOPMENT		
FIN 205 Principles of Personal Finance	3	
MODERN LANGUAGES: 10 credit hours		
MLNG 201 <i>or</i> 225 (Beginning French I <i>or</i> Spanish I)	5	
MLNG 202 <i>or</i> 226 (Beginning French II <i>or</i> Spanish II)	5	

Bachelor of Fine Arts: Art (Graphic Design)

Systemwide General Education Program

BFA Degree: 120 credit hours (Effective Fall 2023)

Major Concentration: **Art with an emphasis in Graphic Design**

All students are required complete 120 credit hours to earn a B.A or B.F.A degree (45 credit hours must be upper-division)

ART & DESIGN MAJOR PROGRAM		
CORE COURSES: 12 credit hours		
ART 101 Drawing I	3	
ART 102 Drawing II	3	
ART 103 2-D Design	3	
ART 104 3-D Design	3	

ART HISTORY REQUIREMENTS: 12 credit hours		
ART 201 Survey of Art History I	3	
ART 202 Survey of Art History II	3	
<i>Choose 2 courses from the options listed below</i>		
1.	3	
2.	3	

STUDIO COURSE REQUIREMENTS: 12 credit hours		
ART 220 Introduction to Painting		
ART 230 Sculpture I		
ART 241 Architectural Design		
ART 244 Creative Photography		
ART 250 Printmaking I		
ART 260 Ceramics I		
ART 310 Figure Drawing		
ART 335 Bookmaking		
ART 340 Digital Illustration		
<i>*Other options available upon request</i>		

MAJOR CONCENTRATION: 39 credit hours		
ART 243 Graphic Design I	3	
ART 245 Computer Assisted Graphic Design	3	
ART 347 Graphic Design II	3	
ART 475 Topics: Intro to Digital Media	3	
ART 348 Typography	3	
ART 447 Graphic Design III	3	
ART 651 Motion Design I	3	
ART 490 History of Graphic Design	3	
ART 475 Topics in Art II: Graphic Design IV	3	
ART 652 Digital Media II	3	
ART 648 Portfolio	3	
ART 650 Professional Development in GD	3	
ART 475 Topics in Art: Graphic Design Exhibition	3	

GENERAL EDUCATION: 34 credit hours		
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ENGLISH DISCIPLINE		
ENG 101 English Composition I	3	
ENG 102 English Composition II	3	

COMMUNICATION DISCIPLINE		
COMM 100 Fundamentals of Oral Communication	3	

MATHEMATICS & STATISTICS DISCIPLINE		
	3	

SOCIAL & BEHAVIORAL SCIENCES DISCIPLINE		
POLS 105 Current Political Issues OR	3	
POLS 111 Political Thinking for the Greater Good		
	3	

ARTS & HUMANITIES DISCIPLINE		
ART 201 Survey of Art History I	3	
	3	

NATURAL & PHYSICAL SCIENCES DISCIPLINE		
	3	
	1	

CRITICAL THINKING		
	3	

PERSONAL & PROFESSIONAL DEVELOPMENT		
<i>(FIN 205 Principles of Personal Finance recommended)</i>	3	

CERTIFICATE, MINOR, OR COGNATES: 11 credit hours		

ART HISTORY COURSE OPTIONS: ART 481 Ancient Art • ART 482 Non-Western Art • ART 483 Medieval Art
 ART 484 Renaissance/Baroque Art • ART 486 18th–19th Century Art • ART 487 20th Century Art • ART 488 Visual Culture (*online only*)
 ART 491 Late Modernism and Contemporary Art

Bachelor of Fine Arts: Art (Interior Design)

Systemwide General Education Program

BFA Degree: 120 credit hours (Effective Fall 2023)

Major Concentration: **Art with an emphasis in Interior Design**

All students are required complete 120 credit hours to earn a B.A or B.F.A degree (45 credit hours must be upper-division)

ART & DESIGN MAJOR PROGRAM:

CORE COURSES: 12 credit hours		
ART 101 Drawing I	3	
ART 102 Drawing II	3	
ART 103 2-D Design	3	
ART 104 3-D Design	3	

ART HISTORY REQUIREMENTS: 12 credit hours		
ART 201 Survey of Art History I	3	
ART 202 Survey of Art History II	3	
<i>Choose 2 courses from the options listed below</i>		
1.	3	
2.	3	

STUDIO COURSE REQUIREMENTS: 12 credit hours		
ART 220 Introduction to Painting		
ART 230 Sculpture I		
ART 242 Architectural Perspective (<i>required</i>)	3	
ART 243 Graphic Design I		
ART 244 Creative Photography		
ART 250 Printmaking I		
ART 260 Ceramics I		
ART 310 Figure Drawing		
ART 335 Book Design		
ART 340 Digital Illustration		
*Other options available upon request		

MAJOR CONCENTRATION: 41 credit hours		
ART 475 Topics in Art II: Intro to Interior Design	3	
ART 241 Architectural Design	3	
TECS 318 Intro to Computer Aided Drafting*	3	
ART 341 Residential Interiors	3	
ART 343 Business Interiors	3	
ART 344 Textiles and Interior Finishes	3	
ART 414 Kitchen and Bath	3	
ART 440 Color	3	
ART 475 Topics in Art II: Human Factors	2	
ART 475 Topics in Art II: Commercial Interiors	3	
ART 475 Topics in Art II: History of Interior Design	3	
ART 475 Topics: Professional Development in ID	3	
ART 492 Capstone I	3	
ART 475 Topics in Art II: Capstone II	3	

GENERAL EDUCATION: 34 credit hours

ENGLISH DISCIPLINE		
ENG 101 English Composition I	3	
ENG 102 English Composition II	3	

COMMUNICATION DISCIPLINE		
COMM 100 Fundamentals of Oral Communication	3	

MATHEMATICS & STATISTICS DISCIPLINE		
	3	

SOCIAL & BEHAVIORAL SCIENCES DISCIPLINE		
	3	
	3	

ARTS & HUMANITIES DISCIPLINE		
ART 201 Survey of Art History I	3	
	3	

NATURAL & PHYSICAL SCIENCES DISCIPLINE		
	3	
	1	

CRITICAL THINKING		
	3	

PERSONAL & PROFESSIONAL DEVELOPMENT		
(FIN 205 Principles of Personal Finance recommended)	3	

CERTIFICATE OF CONSTRUCTION MANAGEMENT TECHNOLOGY: 9 credit hours*		
TECS 382 Construction Estimating and Scheduling	3	
TECS 385 Construction Planning and Design	3	
TECS 415 Construction Graphics	3	
TECS 318 is also part of the certificate requirements*	3	

***Highly recommended but not required. Other electives can be taken instead. Please discuss with your mentor.**

ART HISTORY COURSE OPTIONS: ART 481 Ancient Art • ART 482 Non-Western Art • ART 483 Medieval Art ART 484 Renaissance/Baroque Art • ART 486 18th-19th Century Art ART 487 20th Century Art • ART 488 Visual Culture (*online only*) ART 491 Late Modernism and Contemporary Art

BFA Degree: 120 credit hours (Effective Fall 2023)

All students are required complete 120 credit hours to earn a B.A or BFA degree (45 credit hours must be upper-division)

ART & DESIGN MAJOR PROGRAM

CORE COURSES: 12 credit hours		
ART 101 Drawing I	3	
ART 102 Drawing II	3	
ART 103 2-D Design	3	
ART 104 3-D Design	3	

ART HISTORY REQUIREMENTS: 12 credit hours		
ART 201 Survey of Art History I	3	
ART 202 Survey of Art History II	3	
<i>Choose 2 courses from the options listed below</i>		
1.	3	
2.	3	

STUDIO COURSE REQUIREMENTS: 12 credit hours		
ART 220 Introduction to Painting		
ART 230 Sculpture I		
ART 241 Architectural Design		
ART 244 Creative Photography		
ART 250 Printmaking I		
ART 260 Ceramics I		
ART 310 Figure Drawing		
ART 335 Bookmaking		
ART 340 Digital Illustration		
*Other options available upon request		

MAJOR CONCENTRATION: 39 credit hours		
ART 243 Graphic Design I	3	
ART 245 Computer Assisted Graphic Design	3	
ART 347 Graphic Design II	3	
ART 475 Topics: Intro to Digital Media	3	
ART 348 Typography	3	
ART 447 Graphic Design III	3	
ART 651 Motion Design I	3	
ART 490 History of Graphic Design	3	
ART 475 Topics in Art II: Graphic Design IV	3	
ART 652 Digital Media II	3	
ART 648 Portfolio	3	
ART 650 Professional Development in GD	3	
ART 475 Topics in Art: Graphic Design Exhibition	3	

GENERAL EDUCATION: 34 credit hours

ENGLISH DISCIPLINE		
ENG 101 English Composition I	3	
ENG 102 English Composition II	3	

COMMUNICATION DISCIPLINE		
COMM 100 Fundamentals of Oral Communication	3	

MATHEMATICS & STATISTICS DISCIPLINE		
	3	

SOCIAL & BEHAVIORAL SCIENCES DISCIPLINE		
POLS 105 Current Political Issues OR POLS 111 Political Thinking for the Greater Good	3	
	3	

ARTS & HUMANITIES DISCIPLINE		
ART 201 Survey of Art History I	3	
	3	

NATURAL & PHYSICAL SCIENCES DISCIPLINE		
	3	
	1	

CRITICAL THINKING		
	3	

PERSONAL & PROFESSIONAL DEVELOPMENT		
<i>(FIN 205 Principles of Personal Finance recommended)</i>	3	

CERTIFICATE, MINOR, OR COGNATES: 11 credit hours		

ART HISTORY COURSE OPTIONS: ART 481 Ancient Art • ART 482 Non-Western Art • ART 483 Medieval Art
 ART 484 Renaissance/Baroque Art • ART 486 18th-19th Century Art • ART 487 20th Century Art • ART 488 Visual Culture (*online only*)
 ART 491 Late Modernism and Contemporary Art

Minor in Art

Studio Art Minor

ART & DESIGN CREDIT HOURS: 24 CREDIT HOURS

CORE COURSES: 6 credit hours

ART 101 Drawing I	3	
ART 102 Drawing II	3	

ART HISTORY REQUIREMENTS: 6 credit hours

ART 201 Survey of Art History I	3	
ART 202 Survey of Art History II	3	

STUDIO / DESIGN COURSES: 12 credit hours

	3	
	3	
	3	
	3	

Choose four of the courses below from the studio or design areas:

Studio Areas

ART 220 Introduction to
Painting ART 230 Sculpture
ART 250 Printmaking
ART 260 Ceramics

Design Areas

ART 243 Graphic Design
ART 244 Creative
Photography 200-level
Interior Design course

Certificates in Art and Design

Certificate In Arts Entrepreneurship (10–12 credit hours)

Are you interested in gaining a professional edge in the business of art? The Art and Design program is excited to offer a **Certificate in Arts Entrepreneurship** which can be added to the BA degree (Studio Art or Art History concentrations) and to any BFA degree. An Arts Entrepreneurship certificate is an excellent addition to the degree programs we offer, providing additional foundational business and marketing readiness, leadership experience, and essential entrepreneurship competency to students interested in art and design-related business ventures such as gallery management, studio management, freelance artist, freelance designer, and business ownership to name a few.

Certificate in Arts Entrepreneurship with a BFA degree (12 credit hours)

LDRS 306 Leadership and Team Dynamics
MKT 301 Marketing Principles
ENTR 301 Intro to Entrepreneurship
*Choose one elective from any of the four categories below

Elective Courses for the BFA in Arts Entrepreneurship Certificate:

All certificate courses listed are offered online and on campus with the exception of ART 653.

Management (Entrepreneurship)

ENTR 350 Opportunity Development and Creativity

Leadership

LDRS 302 Intro to Leadership Behavior
LDRS 310 Fieldwork in Leadership Studies (community component)

Business And Marketing

MKT 602 Integrated Marketing Strategies
MKT 609 Strategic Electronic Marketing
BCOM 210 Intro to Professional Development

Economics, Finance And Accounting

ACCT 203 Principles of Accounting

Certificate in Arts Entrepreneurship with a BA degree (12 credit hours)

LDRS 306 Leadership and Team Dynamics
MKT 301 Marketing Principles
ENTR 301 Intro to Entrepreneurship
ART 653 Professional Development in Studio Art

If you are interested in adding a Certificate in Arts Entrepreneurship to your BFA or BA degree, please visit <https://fhsu.edu/art-and-design/academic-programs/index> for more information.

Certificate In Basic Graphic Design (9 Credit Hours)

If you would like to gain introductory knowledge in the field of graphic design, then our **Certificate in Basic Graphic Design** is for you! The curriculum emphasizes the fundamental skills and knowledge of graphic design through further exploring the elements and principles of design in relation to a graphic design and advertising standpoint. Introductory courses focus heavily on conceptual thinking, hand- skills, and computer programs used in the profession. The certificate can be combined with any degree program at FHSU. A portfolio is not required for admission.

Required Courses (Non-Majors): 9 hrs.

ART 243 Graphic Design I
ART 245 Computer Assisted Graphic Design
ART 347 Graphic Design II

If you are interested in adding a Certificate in Basic Graphic Design to your current degree program, visit <https://fhsu.edu/art-and-design/academic-programs/index> for more information.

Certificate In Motion Design Or Basic Motion Design (9 Credit Hours)

If you would like to gain introductory knowledge in the field of graphic design, then our **Certificate in Basic Motion Design** is for you! The curriculum emphasizes the fundamental skills and knowledge of graphic design through further exploring the elements and principles of design in relation to a graphic design and advertising

standpoint. Introductory courses focus heavily on conceptual thinking, hand- skills, and computer programs used in the profession. The certificate can be combined with any degree program at FHSU. A portfolio is not required for admission.

Motion Design (Graphic Design Majors): 9 hrs.

ART 475 Topics in Art II: Video Storytelling
I ART 475 Topics in Art II: Video
Storytelling II ART 475 Topics in Art II:
Motion Design II

Basic Motion Design (Non-Majors): 9 hrs.

ART 245 Computer Assisted Graphic Design
ART 651 Motion Design I
ART 652 Digital Media *or* ART 475 Topics in Art II: Video Storytelling I

If you are interested in adding a Certificate in Basic Motion Design to your current degree program, visit <https://fhsu.edu/art-and-design/academic-programs/index> for more information.

Certificate In Basic Interior Design (9 Credit Hours)

Do you enjoy dabbling in interior design and have an interest in learning more? If you would like to gain introductory knowledge in the field of interior design, then our **Certificate in Basic Interior Design** is for you! The curriculum emphasizes the fundamental skills and knowledge of interior design, architecture, and the visual and decorative arts. Introductory courses focus on drawing and design concepts, thereby building a foundation-level understanding of the technical and aesthetic principles essential to comprehending space planning, color, drafting, and materials and finishes. The certificate can be combined with any degree program at FHSU. A portfolio is not required for admission.

Required Courses

ART 241 Architectural Design
ART 440 Color
ART 341 Residential Interiors

If you are interested in adding a Certificate in Basic Interior Design, please visit <https://fhsu.edu/art-and-design/academic-programs/index> for more information.

Certificate In Art History (9 Credit Hours)

Art and Design is pleased to offer a **Certificate in Art History** which can be added to any undergraduate degree. A certificate in Art History is an excellent addition to any degree program, providing skills in research, critical thinking, and analysis, as well as offering students a broad range of historical knowledge and the ability to interpret and assess art objects, everyday images, objects, and the built environment.

***Required Course**

ART 480 Undergraduate Readings (3 credit hours)

***Choose two courses from the list below (3 credit hours each):**

ART 481 Ancient Art History
ART 482 Non-Western Art History
ART 483 Medieval Art History
ART 484 Renaissance/Baroque Art History
ART 486 18th–19th Century Art History
ART 487 20th Century Art History

**ART 201 and ART 202 are pre-requisites for the other courses and can also be used as general education courses for non-majors.*

If you are interested in adding a Certificate in Art History, please visit <https://fhsu.edu/art-and-design/academic-programs/index> for more information.

Certificate In Photography (9–12 Credit Hours)

Are you interested in the multifaceted field of photography? The **Certificate in Photography** might be for you! The curriculum provides a foundation for students of any major to be successful photographers. The digital track offers students an introduction to digital imaging. These courses focus on DSLR camera technology, digital editing in Adobe Lightroom and Photoshop, and the cultivation of each student's voice in the context of their own creative practice. The hybrid track, which includes both digital and darkroom instruction, allows students to explore the historic foundations of photography as well as contemporary methodologies of digital image-making. The certificate can be combined with any degree program at FHSU. A portfolio is not required for admission; please contact or submit a portfolio review request to Nick Simko: ncsimko@fhsu.edu.

Digital Photography (Art and Design Majors): 9 hrs.

ART 475 I Intro to Digital Photography ART 475 G
Photography II
ART 475 K Digital Photography III

Darkroom & Digital (Art and Design Majors): 9 hrs.

ART 244 Creative Photography I
ART 475 I Intro to Digital Photography

*Choose one course from the list below (3 credit hours each):

ART 444 Creative Photography II ART 475 G Photography
II

Photography (Non-Majors): 12 hrs.

ART 244 Creative Photography I
ART 475 I Intro to Digital Photography ART 475 G
Photography II
ART 475 K Digital Photography III

If you are interested in adding a Certificate in Photography to your current degree program, visit <https://fhsu.edu/art-and-design/academic-programs/index> for more information.

Certificate in Studio Art (9–12 credit hours)

The Certificate in Studio Art is for Art and Design majors who would like experience in another area **and also for non-majors** who desire to stay connected with the arts. If you are interested in adding a Certificate in Studio Art to your current degree, please visit <https://fhsu.edu/art-and-design/academic-programs/index> for more information.

Choose ONE area of study from the options below and from the applicable column

DRAWING (Art & Design Majors) 9 hrs:

ART 310 Figure Drawing
ART 410 Drawing III
ART 615 Problems: Drawing I

DRAWING (Non-Majors) 12 hrs:

ART 101 Drawing I*
ART 102 Drawing II*
ART 310 Figure Drawing ART 410 Drawing
III

PAINTING (Art & Design Majors) 9 hrs:

ART 220 Introduction to Painting
ART 320 Acrylic Painting
OR ART 321 Watercolor Painting
ART 420 Painting

PAINTING (Non-Majors) 12 hrs:

ART 101 Drawing I*
ART 102 Drawing II*
ART 220 Introduction to Painting
ART 320 Acrylic Painting
OR ART 321 Watercolor Painting

PRINTMAKING (Art & Design Majors) 9 hrs:

ART 250 Printmaking I
ART 450 Printmaking III (*will repeat*)
ART 450 Printmaking III

PRINTMAKING (Non-Majors) 12 hrs:

ART 101 Drawing I*
ART 102 Drawing II*
ART 250 Printmaking I ART 450 Printmaking III

SCULPTURE (Art & Design Majors) 9 hrs:

ART 230 Sculpture I

SCULPTURE (Non-Majors) 12 hrs:

ART 104 3D Design*

ART 430 Sculpture II

**Choose one of the following:*

ART 635 Problems: Sculpture I

ART 475 Topics in Art II: Blacksmithing

ART 475 Topics in Art II: Figurative Sculpture

ART 230 Sculpture I

ART 430 Sculpture II

**Choose one of the following:*

ART 475 Topics: Blacksmithing

ART 475 Topics: Figurative Sculpture

CERAMICS (Any Major) 9 hrs:

ART 260 Ceramics I

ART 360 Ceramics II (*repeatable*)

ART 460 Ceramics III (*repeatable*)

Master of Fine Arts

The Art and Design program offers a Master of Fine Arts (MFA) degree consisting of a minimum of 60 hours of graduate work. You must complete the degree requirements within 8 years and maintain a 3.0 GPA throughout the MFA program. This masters program includes studio concentrations such as: drawing, painting, sculpture, graphic design, photography, printmaking, ceramics and intermedia. Online or low residency options are available in some areas and are subject to decisions by the major professor.

Graduate School Requirements

- Maintain a 3.0 GPA
- Complete the degree requirements within 8 years

Degree Requirements

- Studio Major 37 hours
- Art History and Aesthetics 12 hours
- Studio Art (other than major area) 13 hours

Students must choose a studio area of concentration from the following: drawing, painting, sculpture, design (graphic design, photography), printmaking, ceramics and intermedia.

Master of Liberal Studies: Liberal Studies (Art History)

Art and Design at Fort Hays State University provides avenues for research and development of personal creative expression within the area of the visual arts. Faculty seek to enrich student lives through courses designed to enrich their appreciation of the visual arts and to prepare art majors to be productive members of their profession and society. It acts as a cultural resource for western Kansas through changing exhibitions in the Moss-Thorns Gallery of Art and through faculty consultations and public presentations. Faculty are dedicated to continuing research and service to students, the university, and the western Kansas community. The Art and Design Program offers the Master of Liberal Studies degree in Art History.

Graduates of the MLS with a concentration in Art History often pursue further graduate study, or go on to become instructors in the discipline, art critics, museum curators, and gallery managers.

Program Curriculum

MLS Core Courses: 10 credit hours (required)

- IDS 801: Introduction to Graduate Liberal Studies
- IDS 802: Ways of Knowing in Comparative Perspective
- IDS 803: Origins and Implications of the Knowledge Society
- IDS 804: Information Literacy

Concentration: 18 credit hours

- ART 875: Topics in Art (with variable-content titles)
- ART 880: Graduate Readings in Art History
- ART 881: Seminar: Ancient Art History
- ART 882: Seminar: Non-Western Art History
- ART 883: Seminar: Medieval Art
- ART 884: Seminar: Renaissance/Baroque Art History
- ART 886: Seminar: 18th-19th Century Art History
- ART 887: Seminar: 20th Century Art*

Culminating Experience: 3 credit hours

- ART 875: MLS Research
- ART 880: Graduate Readings in Art History

Total Hours Required: 31 credit hours

The transcript notation for a student completing this concentration may read as:

- Master of Liberal Studies
- Major: Liberal Studies (Art)

Course Listings - Art

Undergraduate Credit

101 Drawing I (3) Observational drawing skills explored through black and white drawings media.

102 Drawing II (3) Observational and alternative drawing skills explored through color drawing media. Personal narrative and concept development is emphasized. Required of art majors. Requisites: PR, ART 101 and ART 103.

103 2-D Design (3) Introduction to 2-D Design and composition. Required of all Art and Design majors.

104 3-D Design (3) Study of three-dimensional design using various materials of the craftsman. Required for art teachers. Requisites: PR, ART 103.

180 Fundamentals and Appreciation of Art * (3) A nonmajor course introducing the nature of the visual arts as it relates to human society today.

201 Survey of Art History I * (3) A general survey of Art History from the prehistoric to medieval periods.

202 Survey of Art History II (3) A general survey of art history from the renaissance to contemporary periods.

212 Introduction to Interior Design (3) Understand the aesthetic factors of interior design including the historical backgrounds of interiors and furniture.

220 Introduction to Painting (3) Exploration of traditional painting media. Requisites: PR, ART 101 and ART 103.

230 Sculpture I (3) Broad exploration in the techniques and methods of sculpture.

241 Architectural Design (3) Exploration of architectural drawing and use of traditional symbols.

242 Architectural Perspective (3) Exploring perspective drawing for the interior designer.

243 Graphic Design (3) An introduction to graphic design focusing on the foundation of design through design principles and elements including methods of research, idea generation, and image making. Topics over conceptual thinking and creative problem solving, application of design principles in communication, basic layout principles, use of typography and visual communication in different forms of graphic design and advertising. A focus will be placed on the process of defining problems, gathering information, and formulating clear, powerful, and persuasive visual concepts. Basic operating systems of

Macintosh computers and Adobe Illustrator program will be demonstrated. Requisites: PR, ART 103.

244 Creative Photography I (3) Use of film as creative media. Students provide their own cameras.

245 Computer-Assisted Graphics Design I (3) An introduction to graphic design software and basic operating systems of Macintosh computers. Adobe software programs will be implemented as well as the use of print and photography in design. Requisites: PR, ART 243.

246 Jewelry Design I (3) Exploration of media and techniques available in jewelry.

250 Printmaking I (3) Exploration of various techniques and methods of printmaking.

254 Creative Textiles (3) Study of handcrafts that may be used in the home or developed into hobbies.

260 Ceramics I (3) Exploration of techniques and methods of ceramics.

277 Early Field Experience: Art Education (1) The activities of a classroom in public schools. Required of all art education majors.

280 Approaches to Creativity * (3) Explores personal creativity in life and community through the lens of contemporary art. For non-art majors.

300 Elementary Art Methods (2) Study of methods, materials, and techniques of teaching art in the elementary school.

308 Community Engaged Art (3) This is a hands-on course that addresses community needs through socially engaged art practices.

310 Figure Drawing (3) Observational drawing explored using the human figure. Requisites: PR, ART 101, ART 102, ART 103. Repeatable with permission of instructor.

312 Kitchen and Bath Design (3) The understanding of kitchen and bathroom code requirements and ADA accessibility in designs.

314 Color (3) Investigation of color order systems, study of theories of color contrast and harmony.

320 Acrylic Painting (3) Intensive study in the acrylic medium. Requisite: PR, ART 220.

321 Watercolor Painting (3) Intensive study in the watercolor medium.

322 Oil Painting (3) Intensive study in the oil medium.

330 Sculpture II (3) Intensive study of sculpture form and technique. Requisites: PR, ART 230.

331 Carved Sculpture (3) Methods and techniques of carving wood and stone sculpture.

335 Book Design (3) This course focuses on the unique challenges and rewards inherent to the design and craft of books, including a look at the history of each binding presented. The course will provide an introduction to both traditional and creative bookbinding techniques. Requisites: PR, ART 103.

340 Airbrush Techniques (3) Exploration of techniques in applying airbrush to art work and photo retouching. Students provide own airbrush.

341 Residential Interiors (3) Analysis of domestic interiors with contemporary environment. Requisites: PR, ART 241

342 Architectural Rendering (3) For interior designers, study of media and techniques used in architectural designs. Requisites: PR, ART 240, ART 241.

343 Business Interiors (3) Analysis of the problems related to business or commercial interiors. Requisites: PR, ART 241.

344 Textiles (3) Textiles from fiber to finished fabric, including the relationship between the properties and performance characteristics. Laboratory included.

345 Contemporary Housing (3) A functional approach to design emphasizing space and organization in housing as related to the family. Lecture and lab.

347 Graphic Design II (3) This course further develops and adds to the skills learned in Graphic Design I. Students will explore a more advanced level of conceptual and visual design using creative solutions in print and packaging design to communicate an idea to a broad audience. Discussion and application of branding and promotional design as well as a fundamental understanding of cohesive campaigns, target audiences, team building, self evaluation, and professional presentation will be a focus. Adobe Photoshop, Illustrator, and InDesign will be used. Requisites: PR, ART 243.

348 Typography I (3) This course introduces the discipline, function, and tradition of typography as it relates to visual communication. Exploration of typographic form and manipulation of variables which affect content stressing the importance of typographic

composition as an integral component of visual communication. Projects examine both fundamental and advanced structures of typographic form, space, grid structures, sequence and visual and informational hierarchy as it relates to print and packaging. History of typography, anatomy and structure of letterforms and the development of hand lettering skills will also be integral components of the class. Requisites: PR, ART 243 and ART 245.

349 Print Production (3) Preparation of graphic design work for mechanical reproduction processes.

350 Printmaking II (3) Intensive study in printmaking. Requisites: PR, ART 250.

360 Ceramics II + (3) Intensive study of ceramic form and technique. Requisites: PR, ART 260.

375 Topics in Art I + (1-3) Subjects in art which are not dealt with in the regular curriculum.

400 Secondary School Art (3) Practical experience in planning classroom materials for the secondary level.

405 Crafts (3) Intensive work in crafts with the student selecting craft media for research and experimentation.

410 Drawing III (3) Developing additional competence in drawing.

420 Painting (3) Developing additional competence in painting. Requisites: PR, ART 320, ART 321, or ART 322 and PERM.

430 Sculpture III (3) Developing additional competence in sculpture. Requisites: PR, ART 330 or ART 331 and PERM.

441 Historical Furnishings (3) Study of stylistic periods in furniture for interior design majors.

442 Interior Design: Business Principles (3) Introduction of business concepts, fees, commissions, estimates, contracts, and aesthetics.

443 Illustration I (3) Analysis of media and techniques used by the commercial artist in production illustration. Requisites: PR, ART 240, ART 243.

444 Creative Photography II (3) Advanced study in photography stressing experimentation. Students must provide own cameras. Requisites: PR, ART 244; PERM.

446 Jewelry Design II (3) Emphasis on contemporary jewelry construction and casting processes. Requisites: PR, ART 246; PERM.

447 Graphic Design III + (3) This course further develops and adds to the skills learned in Graphic Design II. Emphasis will be placed on developing and solving the problem of creating multiple expanded design projects that incorporate print, packaging, and multimedia components. Application of branding and promotional design in a broader sense will be a focus as well as professional presentations, time management, and meeting the needs of a client and/or brand. Requisites: PR, ART 347

449 Camera-Ready Art II (3) Development of mechanical skills in graphic design involving paste-up and multiple overlays in color separation.

450 Printmaking III (3) Developing additional competence in printmaking. Requisites: PR, ART 350; PERM.

460 Ceramics III (3) Developing additional competence in ceramics.

475 Topics in Art II + (1-3) Subjects in art which are not dealt with in the regular curriculum.

476 Art Apprenticeship + (1-3) Student participation in planning, teaching, and administering art programs.

480 Readings in Art History + (1-3) Research, reading, and evaluation of art historical problems.

481 Ancient Art History (3) Survey of art forms created from the prehistoric to the Late Roman Empire periods. Requisites: PR, ART 380 or PERM.

482 Non-Western Art History (3) Survey of art forms created by non-Western cultures. Requisites: PR, ART 380 or PERM.

483 Medieval Art History (3) Survey of art forms from early Christian to the late-Gothic periods.

484 Renaissance/Baroque Art History (3) Survey of art forms created in Italy and Northern Europe during the Renaissance and Baroque periods.

486 18th-19th Century Art History (3) Survey of major art movements of 18th and 19th century Europe with emphasis on their influence upon 20th century art. Requisites: PR, ART 380 or PERM.

487 20th Century Art History (3) Survey of the major art movements from 1900 to the present. Requisites: PR, ART 380 or PERM.

488 Visual Culture (3) This course examines the production and consumption of imagery in an effort to

understand how meanings are produced in various historical, political, and cultural contexts, while also questioning what role art-making and human vision play in our overtly visual, post-industrial society.

489 Philosophy of Art Seminar (3) Discussion of the nature of art and of creativity. Required of art majors.

490 History of Graphic Design (3) An exploration of the relationship between graphic design and its audience, analysis of the evolution of form or visual attributes, and the study of the social and economic impact of design. The course will provide a conceptual and pictorial view of significant stages in the development of graphic design through in-depth study of stylistic periods and pioneers of graphic design.

491 Late Modern and Contemporary Art History (3) Survey of late modern and contemporary art forms.

492 Capstone I (3) This course will showcase senior interior design student work, create a vignette in the gallery showcasing understanding of design, and provide staging experience. This course will also complete research towards a project that will lead into Capstone II.

Undergraduate/Graduate Credit

600 Exhibition (1-3) Students will plan, design, install, and promote an art exhibition of portfolio-quality work in a gallery setting.

605 Methods and Materials of Art Education (3) Studio experience and theory as applied to the classroom for teachers or advanced art education students.

608 Community Engaged Art (3) This is a hands-on course that addresses community needs through socially engaged art practices.

615 Problems: Drawing I + (1-3) Individual study for a major concentration in drawing.

625 Problems: Painting I + (1-3) Individual study for a major concentration in painting.

635 Problems: Sculpture I + (1-3) Individual study for a concentration in sculpture.

645 Problems: Photography (1-3) Individual study for a major concentration in some field of design which may include practicum experience.

648 Portfolio + (3) This course further develops and adds to the skills learned in Graphic Design III, focusing on larger and more advanced projects including print, packaging, and multi-media to create cohesive conceptual based visual projects that can communicate an idea to a target audience. Emphasis will be on creating portfolio

quality projects, professionalism of the final pieces as well as professional presentations and self-evaluation. Instruction in the organization and presentation of a professional quality portfolio. Requisites: PR, ART 447.

649 Graphic Design Internship + (1-3) An internship enhances the student's academic program by providing an opportunity to apply for an internship. This will help the student acquire professional knowledge of the industry as an intern in a workplace environment working with actual clients. Supervised study and a final written evaluation will be completed by the internship coordinator. Requisites: ART 447.

650 Professional Development in Graphic Design (1-3) An exploration of the graphic design field, from major design industries to design disciplines, the study of significant career development issues, and the creation of an optimum portfolio and marketing strategy in preparation for future employment opportunities. Requisites: PR, ART 648.

651 Motion Design I (3) This course emphasizes digital application as an alternative media and implementation to traditional graphic design. The extensive use of the creative conceptual process and design principles such as typography, composition, and color to communicate ideas will be fully implemented. Requisites: PR, ART 647 or PERM.

652 Digital Media II (3) This course is an expansion on digital media with an introduction of other related software. The full integration of the software will allow students to create a variety of applications such as professional interactive presentations, web design, animated interface, and DVD. Requisites: PR, ART 651 or PERM.

653 Professional Development in Studio Art (3) Development and preparation of an artist's portfolio for career and further education. Required of all BA and BFA Studio Art majors. Requisites: PR, Senior standing, BA or BFA major in Studio Art.

655 Problems: Printmaking I + (1-3) Individual study for a major concentration in printmaking.

665 Problems: Ceramics I + (1-3) Individual study for a major concentration in ceramics. Requisites: PERM.

669 Glaze Calculations I (1-3) Concentrated research in glaze calculations.

670 Workshop + (1-3) Investigation of materials, projects, and methods for the classroom. Requisites: PERM.

675 Problems: Graphic Design (1-3) Individuals study for a major concentration in some field of design which may include practicum experience.

Graduate Credit

745 Problems: Design (1-5) Individual study for a major concentration in some field of design which may include practicum experience. Graduate-level work expected.

755 Problems: Printmaking (1-5) Individual study for a major concentration in printmaking. Graduate-level work expected.

765 Problems: Ceramics (1-5) Individual study for major concentration in ceramics. Graduate level work expected.

800 Art Careers II (3) Discussion and research into problems facing the student in art as a profession.

805 Graduate Methods and Materials of Art Education (3) Studio experience and theory as applied to the classroom for teachers or advanced art education students. Graduate-level work expected.

815 Problems: Drawing II + (1-5) Research and experimentation in drawing as a major or minor concentration.

825 Problems: Painting II + (1-5) Research and experimentation in painting as a major or minor concentration.

835 Problems: Sculpture II + (1-5) Research and experimentation in sculpture as a major or minor concentration.

845 Problems: Design II + (1-5) Research and experimentation in design as a major or minor concentration.

847 Graphic Design IV + (3) Supervised study and research focusing on developing the student's portfolio. Project ideas will be discussed with and approved by the instructor. Requisites: PERM.

848 Graduate Portfolio + (3) Independent study focusing on developing the student's portfolio. Project ideas will be discussed with and approved by the instructor. Requisites: PERM.

849 Graduate Graphic Design Internship + (1-3) An internship enhances the student's academic program by providing an opportunity to work directly with clients (on and off campus) who contact the department requesting design services. This will help the student acquire professional knowledge, work within a client's budget, and timeline. Supervised by the instructor. Requisites: PERM.

850 Computer-Assisted Graphics Design II + (3) An advanced study of graphic design software and operating systems of Macintosh computers. Adobe software programs will be the focus as well as the use of print and photography in design. Requisites: PERM.

855 Problems: Printmaking II + (1-5) Research and experimentation in printmaking as a major or minor concentration.

865 Problems: Ceramics II + (1-5) Research and experimentation in ceramics as a major or minor concentration.

869 Glaze Calculations II (3) Concentrated research in glaze calculations. Graduate-level work expected.

870 Graduate Workshop + (1-3) Investigation of materials, projects, and methods for the classroom with emphasis on experimentation. Graduate-level work expected. Requisites: PERM.

875 Graduate Topics in Art + (1-3) Subjects in art which are not dealt with in the regular curriculum. Graduate-level work expected.

880 Graduate Readings in Art History + (1-3) Intensive reading, critical research, and evaluation of art historical problems. Requisites: PR, six hours of graduate-level art history seminars and/or PERM.

881 Seminar: Ancient Art History (3) In-depth study of art created from the prehistoric to the Late Roman Empire periods. Requisites: PR, graduate standing or PERM.

882 Seminar: Non-Western Art History (3) In-depth study of art created by non-western cultures. Requisites: PR, graduate standing or PERM.

883 Seminar: Medieval Art History (3) In-depth study of art created from the early Christian to the late-Gothic periods. Requisites: PR, graduate standing or PERM.

884 Seminar: Renaissance/Baroque Art History (3) In-depth study of art created in Italy and Northern Europe during the Renaissance and Baroque periods. Requisites: PR, graduate standing or PERM.

886 Seminar: 18th-19th Century Art History (3) In-depth study of major art movements in 18th and 19th century Europe with emphasis on their influence upon 20th-century art. Requisites: PR, graduate standing or PERM.

887 Seminar: 20th Century Art History (3) In-depth study of major western art movements from 1900 to the present. Requisites: PR, graduate standing or PERM.

889 Concepts of Art + (1-3) In-depth study of philosophical concepts of art and the development of a concise view of creativity. Required of graduate students. Repeatable once with different content.

899 Thesis + (2-4) Final project for the completion of the graduate degree program. Student required to have formal exhibition.

*General Education Course

+Course may be repeated

#Lab required

PERM: Permission

PR: Pre-requisite

School of Visual and Performing Arts

Music and Theatre Program

The Music and Theatre program at FHSU is unique: big enough to offer **dozens of academic and performance opportunities**, but small enough that student artists don't become faces in the crowd. We understand that **your dreams are as unique as you are**; we'll help you achieve them.

We offers [academic programs](#) in **theatre, music education, performance, and composition**. Additionally, **all FHSU students can participate** in [ensembles](#) and in [opera and theatre productions](#), and lessons.

Music and Theatre at FHSU:

Musician. Composer. Actor. Designer. Music Teacher. Sound Engineer. No matter what your dream job in the field of music or theatre is, the Department of Music and Theatre at FHSU can help you get there: [Programs that prepare](#). Our innovative teaching methods and unparalleled access to performance opportunities let you get the practice and experience you need to pursue your career in music. We also offer a broad, interdisciplinary course of study to prepare you for the many dimensions of the world of theatre.

Opportunities abound. We have vocal, instrumental and theatre opportunities for everyone, whether they want to devote their lives to music and theatre, or just want to be part of an ensemble or work behind the scenes. And unlike many schools, you don't have to wait to get involved—you can start performing your first semester.

[Financial Support](#). The department offers numerous scholarships. These are available to all students regardless of major. Forging Friendships. The music and theatre students at FHSU are a tight group—they feel more like a family than just classmates.

[Fantastic Faculty](#). Our nationally and internationally acclaimed faculty are deeply committed to your education and training as an aspiring artist.

We invite you to learn more about the Department of Music and Theatre:

- Check out our [Performing Arts Calendar](#); it's filled with musical performances and theatre productions.
- [Explore the careers](#) you might enjoy with a degree in music or theater.
- See how [our department is committed to community service](#).
- Learn more about our active Student Organizations.

Bachelor of Music: Music (Music Education)

The Bachelor of Music in Music Education is for students seeking a career as a K-12 school music teacher. The degree qualifies you for certification in the state of Kansas in only four years of study and a total of 120 credit hours. Students with the dedication and skill to shape the next generation of musicians will study music theory, history, analysis, pedagogy, and a range of educational topics. Select a specialization of band, orchestra, choir, or general music. The State of Kansas shares license reciprocity with most states, so your professional music education training can take you most anywhere you want to go! Share your love of music through teaching!

The **College of Education** delivers teacher education coursework for this program, including **admission to teacher education** and **licensure** procedures leading to certification.

Music at FHSU is accredited by the **National Association of Schools of Music**.

Program of Study Summary

1. B.M. Music Education Degree:

General Education: 34 hours

Music Education Core: 44 hours

Music Education Concentration Courses: 16 hours

2. Secondary Education Credential: Teacher Education Core - 31 hours

TOTAL: Altogether, the B.M. Music Education Degree and Secondary Education Credential is completed in 120 hours

Music Core - 44 hours

- Ensemble (7 semesters) (7 Credit Hours)
- Applied Lessons (7 semesters) (7 credit hours)
- Piano Proficiency Examination (May be met by taking Class Piano I-IV)*
- MUS 0XX Senior Recital (0 Credit Hours)
- MUS 001 Recital Attendance (7 semesters) (0 Credit Hours)
- MUS 181 Music Theory I (3 Credit Hours)
- MUS 182 Aural Skills I (1 Credit Hour)
- MUS 183 Music Theory II (3 Credit Hours)
- MUS 184 Aural Skills II (1 Credit Hour)
- MUS 192 Music Styles and Context (3 Credit Hours)
- MUS 281 Music Theory III (3 Credit Hours)
- MUS 282 Aural Skills III (1 Credit Hour)
- MUS 283 Music Theory IV (3 Credit Hours)
- MUS 284 Aural Skills IV (1 Credit Hour)
- MUS 292 Music History I (3 Credit Hours)
- MUS 293 Music History II (3 Credit Hours)
- MUS 361 World Music (3 Credit Hours)
- MUS 661 Instrumental and Choral Arranging (2 Credit Hours)

**Not required of piano majors*

Concentration Courses (Chose one track) - 16 hours

Band (Brass/Percussion/Woodwinds)

- MUS 123 Vocal Techniques for the Instrumentalist (1 Credit Hours)
- MUS 277 Early Field Experience: Music Education (1 Credit Hour)
- MUS 287 Conducting Techniques (1 Credit Hour)
- MUS 288 Conducting: Band (1 Credit Hour)

- MUS 401 Band Methods and Literature I (2 Credit Hours)
- MUS 402 Band Methods and Literature II (2 Credit Hours)
- MUS 404 String Techniques (1 Credit Hour)
- MUS 405 Woodwind Techniques (1 Credit Hour)
- MUS 406 Brass Techniques (1 Credit Hour)
- MUS 407 Percussion Techniques (1 Credit Hour)
- MUS 410 Jazz Ensemble Methods (1 Credit Hour)
- MUS 612 Elementary & Secondary General Music Methods (3 Credit Hours)

Choral/General/Piano

- MUS 153 English and Italian Diction (1 Credit Hour)
- MUS 253 German and French Diction (1 Credit Hour)
- MUS 277 Early Field Experience: Music Education (1 Credit Hour)
- MUS 287 Conducting Techniques (1 Credit Hour)
- MUS 288 Conducting: Choir (1 Credit Hour)
- MUS 403 Choral Methods (2 Credit Hours)
- MUS 612 Elementary & Secondary General Music Methods (3 Credit Hours)
- MUS 613 Advanced Elementary Music Methods (3 Credit Hours)
- MUS 615 Vocal Techniques and Materials (3 Credit Hours)

Strings/Orchestra

- MUS 123 Vocal Techniques for the Instrumentalist (1 Credit Hour)
- MUS 277 Early Field Experience: Music Education (1 Credit Hour)
- MUS 287 Conducting Techniques (1 Credit Hour)
- MUS 288 Conducting: Orchestra (1 Credit Hour)
- MUS 404 String Techniques (1 Credit Hour)
- MUS 405 Woodwind Techniques (1 Credit Hour)
- MUS 406 Brass Techniques (1 Credit Hour)
- MUS 407 Percussion Techniques (1 Credit Hour)
- MUS 408 Orchestra Methods and Literature (3 Credit Hours)
- MUS 612 Elementary & Secondary General Music Methods (3 Credit Hours)
- MUS 617 Pedagogy (2 Credit Hours)

Teacher Education Core (leading to Secondary Education credential) - 31 hours

- TEEL 202 Foundations of Education (3 Credit Hours)
- TEEL 231 Human Growth and Development (3 Credit Hours)
- TECS 301 Introduction to Instructional Technology (3 Credit Hours)
- TESP 302 Educating Exceptional Students (3 Credit Hours)
- TEEL 431 Educational Psychology (3 Credit Hours)
- TESS 494 The Secondary School Experience (4 Credit Hours)
- TESS 496 Student Teaching (11 Credit Hours)
- TEEL 675 Student Teaching Portfolio (1 Credit Hour)

Bachelor of Music: Music (Performance)

The Bachelor of Music: Performance degree is a professional degree that prepares students for future careers in music, including performance and teaching. It is designed to take your skills to the next level in a four-year degree program through advanced musical training with outstanding faculty.

Students pursuing the B.M. Performance degree will declare a primary area of study and focus the majority of their coursework (68%) to this major, including lessons, ensembles, and supporting coursework in theory, history, analysis, and literature. Students entering this program should have a strong background in music and be prepared for intensive studies.

Music at FHSU is accredited by the [National Association of Schools of Music](#).

Program of Study Summary

General Education: 38 Credit Hours

Music Performance Curriculum: 82 Credit Hours

Total: 120 Credit Hours

Music Core

- MUS 001 Recital Attendance (0 Credit Hours)
- MUS 121 Group Piano I (1 Credit Hour)*
- MUS 122 Group Piano II (1 Credit Hour)*
- MUS 181 Music Theory I (3 Credit Hours)
- MUS 182 Aural Skills I (1 Credit Hour)
- MUS 183 Music Theory II (3 Credit Hours)
- MUS 184 Aural Skills II (3 Credit Hours)
- MUS 192 Music Styles and Context (3 Credit Hours)
- MUS 221 Group Piano III (1 Credit Hour)*
- MUS 222 Group Piano IV (1 Credit Hour)*
- MUS 281 Music Theory III (3 Credit Hours)
- MUS 282 Aural Skills III (1 Credit Hour)
- MUS 283 Music Theory IV (3 Credit Hours)
- MUS 284 Aural Skills IV (1 Credit Hour)
- MUS 292 Music History I (3 Credit Hours)
- MUS 293 Music History II (3 Credit Hours)
- MUS 361 World Music (3 Credit Hours)
- MUS 663 Form and Analysis
- MUS 665 18th Century Counterpoint
- Music Electives (varies by area)

**Piano Majors exempt*

Performance Concentrations

Piano

- MUS 041 Senior Recital (0 Credit Hours)
- MUS 244 Applied Lessons (8 Credit Hours) (4 Semesters)
- MUS 444 Applied Lessons IV (16 Credit Hours) (4 Semesters)
- MUS 616 Piano Techniques & Materials (3 Credit Hours)
- MUS 618 Collaborative Piano (1 Credit Hour)
- MUS 684 Literature: Piano (3 Credit Hours)
- MUS 6XX Large Ensemble (8 Credit Hours) (8 Semesters)

Instrumental - brass and percussion

- MUS 0XX Senior Recital (0 Credit Hours)
- MUS 2XX Applied Lessons (8 Credit Hours) (4 Semesters)
- MUS 4XX Applied Lessons IV (16 Credit Hours) (4 Semesters)
- MUS 3XX Small Ensemble (5 Credits) (5 Semesters)
- MUS 6XX Pedagogy (2 Credit Hours)
- MUS 6XX Large Ensemble (8 Credit Hours) (8 Semesters)

Instrumental - strings and woodwinds

- MUS 0XX Senior Recital (0 Credit Hours)
- MUS 2XX Applied Lessons (8 Credit Hours) (4 Semesters)
- MUS 4XX Applied Lessons IV (16 Credit Hours) (4 Semesters)
- MUS 6XX Pedagogy (2 Credit Hours)
- MUS 6XX Large Ensemble (8 Credit Hours) (8 Semesters)
- MUS 679 Orchestra Excerpts (2 Credit Hours)
- MUS 684 Literature

Voice

- MUS 048 Senior Recital (0 Credit Hours)
- MUS 153 English / Italian/ Latin Diction (1 Credit Hour)
- MUS 253 German / French Diction (1 Credit Hour)
- MUS 252 Applied Lessons (8 Credit Hours) (4 Semesters)
- MUS 452 Applied Lessons IV (16 Credit Hours) (4 Semesters)
- MUS 600 Concert Choir (8 Credit Hours) (8 Semesters)
- MUS 611 Opera (2 Credit Hours) (2 Semesters)
- MUS 615 Vocal Techniques and Materials
- MUS 684 Literature: Song
- Modern Language I and II (10 Credit Hours)*

*Modern Language will partially fulfill General Education Requirements

Bachelor of Music: Music (Composition)

The Bachelor of Music in Composition is designed to give committed composition students the analytical, creative, and musical tools needed to bring their musical voice to life. Through performance, training in theory and history, skills in piano, conducting, technology, and composition lessons that are grounded in form, style, process, and creative thinking, the program will set students on the path for professional success.

Composition students will have the opportunity to have their works performed by fellow students, and participate in the programs New Music Festival held each spring semester.

Music at FHSU is accredited by the [National Association of Schools of Music](#).

Program of Study Summary

General Education: 34 hours

Music Core & Program: 77 hours

Electives: 9 hours

TOTAL 120

Music Core

- MUS 001 Recital Attendance (must attend for 7 semesters)
- MUS 076 Senior Recital (0 Credit Hours)
- MUS 121 Group Piano I (1 Credit Hour)*
- MUS 122 Group Piano II (1 Credit Hour)*
- MUS 181 Music Theory I (3 Credit Hours)
- MUS 182 Aural Skills I (1 Credit Hour)
- MUS 183 Music Theory II (3 Credit Hours)
- MUS 184 Aural Skills II (3 Credit Hours)
- MUS 192 Music Styles and Context (3 Credit Hours)
- MUS 281 Music Theory III (3 Credit Hours)
- MUS 282 Aural Skills III (1 Credit Hour)
- MUS 283 Music Theory IV (3 Credit Hours)
- MUS 284 Aural Skills IV (1 Credit Hour)
- MUS 287 Conducting and Score Reading I (1 Credit Hour)
- MUS 292 Music History I (3 Credit Hours)
- MUS 361 World Music (3 Credit Hours)
- MUS 293 Music History II (3 Credit Hours)
- INF 348 Beginning Audio Production (3 Credit Hours)
- MUS 388 Advanced Music Technology (3 Credit Hours)
- MUS 661 Choral and Instrumental Arranging (2 Credit Hours)
- MUS 663 Form and Analysis (3 Credit Hours)
- MUS 665 18th Century Counterpoint (3 Credit Hours)
- MUS 666 Composition I (4 Credit Hours)
- MUS 667 Composition II (6 Credit Hours)
- MUS 676 Advanced Composition (6 Credit Hours)
- MUS 684 Literature: 20th Century Music

**Not required of piano majors*

Performance Requirements

- Private Instruction (4 Credit Hours) (Four Semesters)
- Private Piano Instruction (2 Credit Hours) (Two Semesters)
- Large Ensemble (8 Credit Hours)

Students must take major ensemble for eight semesters. Applied instruction in a student's performance area must be taken for a minimum of four semesters, in addition to two semesters of applied piano. Students whose applied instrument is piano must take a minimum of 6 semesters of applied piano. Some required music courses also count as cognates in the general education program.

Bachelor of Arts: Performing Arts (Music)

Interested in a variety of musical experiences and topics? The Bachelor of Arts in Music degree is a liberal arts degree for students who desire to pursue music studies combined with a second area of study. While not a professional music degree, students will find flexibility in the program to develop practical, innovative, creative, and synthesizing abilities that can be applied to a variety of careers and/or graduate programs.

Music at FHSU is accredited by the [National Association of Schools of Music](#).

Program of Study Summary

- General Education: 34 credits
- Modern Language: 10 credits
- Music Core Curriculum: 34 credits
- Performing Arts Core: 12 credits
- Optional Concentration: 14 credits
- Electives: varies

Performing Arts Core - 12 hours

- MUS 161 Listening to Music -or- MUS 192 Music Styles and Context (3 credits)
- MUS 361 World Music (3 credits)*
- THTR 120 Introduction to Theatre (3 credits)
- COMM 125 Introduction to Motion Pictures (3 credits)*

* Counts as General Education Coursework

Music Core - 33 Credit Hours

- Applied Lessons (4 credits/4 semesters)
- Large Ensemble (4 credits/4 semesters)
- MUS 121 Group Piano I (1 credit)
- MUS 122 Group Piano II (1 credit)
- MUS 181 Music Theory I (3 credits)
- MUS 182 Aural Skills I (1 credit)
- MUS 183 Music Theory II (3 credits)
- MUS 184 Aural Skills II (1 credits)
- MUS 291 Rock Music Styles (3 credits)
- MUS 292 Music History I (3 credits)
- MUS 293 Music History II (3 credits)
- MUS 361 World Music (3 credits)
- MUS 391 Jazz (3 credits)

Optional Music Concentration - 14 hours

Music Theatre (on campus only - not available online)

- Applied Lessons (2 credits/2 semesters)
- MUS 153 English and Italian Diction (1 credit)
- THTR 122 Acting (3 credits)
- THTR 226 Rehearsal and Performance (2 credits/2 semesters)
- 6 credits elective courses in Music or Theatre

Bachelor of Arts: Performing Arts-Music (Music Theatre)

Interested in all aspects of theatre and want to study several different avenues of it? The Bachelor of Arts in Theatre degree is designed to educate and train you as a well-rounded thespian through an integrated degree program in which theatre is the central emphasis.

This degree option allows you to develop practical, innovative, creative, and synthesizing abilities that give you the edge to pursue a variety of careers and/or graduate programs.

Program of Study Summary

General Education: 34 credits

Modern Language: 10 credits

Theatre Core: 21 credits

Theatre Electives: 18 credits

Performing Arts Core: 12 credits

Free Electives: 25-35 credits

TOTAL: 120 Credit Hours

Performing Arts Core - 12 hours

- MUS 161 Listening to Music (3 credits)
- MUS 361 World Music (3 credits)*
- THTR 120 Introduction to Theatre (3 credits)
- COMM 125 Introduction to Motion Pictures (3 credits)*

* Counts as General Education Coursework

Theatre Core - 21 Credit Hours

- THTR 122 Acting (3 credits)
- THTR 224 Stagecraft (3 credits)
- THTR 361 Directing (3 credits)
- THTR 328 Theatre Workshop: Fundamentals of Theatrical Design (3 credits)
- THTR 667 Survey of Drama I (3 credits)
- THTR 669 Survey of Drama II (3 credits)
- THTR 670 Problems in Staging (3 credits)

Theatre Electives - 18 Credit Hours

- THTR 226 Rehearsal and Performance (1 credit, repeatable)
- THTR 326 Costumes History and Design (3 credits)
- THTR 328 Theatre Workshop (3 credits)
- THTR 661 Advanced Acting (3 credits)
- THTR 663 Advanced Directing (3 credits)
- THTR 665 Theatre Management (3 credits)
- THTR 671 Lighting (3 credits)
- THTR 672 Scene Design (3 credits)
- THTR 675 Playwriting (3 credits)

Minor Concentration

The Minor in Music can be attached to any undergraduate degree program. With a minor in music, you can explore the fundamentals of music theory, develop instrumental skill and hone your ear for music.

The minor is comprised of 20-22 hours comprised of Core music courses and Electives in Music.

Program Summary*

Core Courses

- MUS 121 Group Piano I (or proficiency) (0-1 Credit Hours)
- MUS 122 Group Piano II (or proficiency) (0-1 Credit Hours)
- MUS 181 Music Theory I (3 Credit Hours)
- MUS 183 Music Theory II (3 Credit Hours)
- MUS 182 Aural Skills I (1 Credit Hour)
- MUS 184 Aural Skills II (1 Credit Hour)
- Ensemble (4 semesters) (4 Credit Hours)

Major Electives

- Music electives in Performance (4 Credit Hours)
- Music electives in Music Theory or History (4 Credit Hours)

TOTAL 20-22

Master of Professional Studies – Music Composition

The Master of Professional Studies (MPS) in Music (Composition Studies)* is intended for students who wish to further their music training in composition. The degree is available online and on campus. To be considered for the program, all applicants must:

- have a bachelors degree in Music - this is required of all students who are accepted into the program
- have a minimum GPA of 2.75 on the last 60 undergraduate hours
- provide a personal statement
- provide two letters of recommendation from those who can speak to your musical and academic promise
- submit a portfolio of 3-5 compositions that represent a variety of styles and instrumentation (scores are required, recordings recommended but not required; midi realizations are acceptable)

Please consult with [Dr. Tim Rolls](#) regarding course availability in specific semesters in order to assemble a program of study.

CORE (9 Credit Hours)

- MUS 876 Principles of Research - 3 credit hours
- MUS 663 Form and Analyses - 3 credit hours
- MUS 684 Literature: 20th Century Music - 3 credit hours

MAJOR (18 Credit Hours)

- MUS 883 Composition - 12 credit hours (a minimum of 3 semesters is required)
- MUS 662 Arranging - 3 credit hours
- MUS 665 18th Century Counterpoint - 3 credit hours

PROJECT (3 Credit Hours)

- IDS 862 Graduate Recital - 3 credit hours

**Please note: Not all music schools accept the MPS as an appropriate degree for entrance into a DMA program in composition, but there are schools that do.*

Master of Professional Studies – Music Performance

The Master of Professional Studies (MPS) in Performance Studies* is intended for students who wish to further their music training in performance. The degree is available online and on campus. To be considered for the program, all applicants must:

- have a bachelors degree in Music - this is required of all students who are accepted into the program
- have a minimum GPA of 2.75 on the last 60 undergraduate hours
- provide a personal statement
- provide two letters of recommendation from those who can speak to your musical and academic promise
- submit a video audition: recording should be a live performance of at least three different styles/genres of standard literature in the performance area (i.e. sonata, concerto, suite, aria, character piece, etc.). Recording should be made within the last 12 months and performer should be fully visible.
- voice applicants should have completed undergraduate coursework in diction that includes English, Italian, German, and French. Modern language coursework may be required (will not count towards degree requirements) based on competencies.

Degrees are available both online and on campus. Please consult the program coordinator regarding course availability in specific semesters in order to assemble a program of study.

CORE (9 credit hours)

- MUS 876 Principles of Research
- MUS 663 Form and Analysis
- MUS 684 Literature (focus in primary performance medium)

MAJOR (18 credit hours)

Instrumental/Vocal (non-piano)

- MUS 8XX Applied Lessons - 12 credit hours/3 semesters
- MUS 6** Major Ensemble in Primary Medium - 3 credit hours/3 semesters
- ELECTIVES - 3 credit hours

Piano

- MUS 8XX Applied Lessons - 12 credit hours/3 semesters
- MUS 616 - Piano Techniques and Materials - 3 credit hours
- MUS 618 - Collaborative Piano - 3 credit hours

Jazz

- MUS 8XX Applied Lessons - 9 credit hours/3 semesters
- MUS 6XX Ensemble - 3 credit hours/3 semesters
- MUS 891 Graduate Jazz History - 3 credit hours
- ELECTIVES - 3 credit hours

PROJECT (3 credit hours)

- MUS 862 Graduate Recital - 3 credit hours

NOTE: Ensembles are not available online. To fulfill this requirement, students should be member of an ensemble or transfer graduate-level ensemble credits another institution.

NOTE: For online students, the graduate recital is required to be a public recital that is video recorded with audience and performer visible. If an accompanist/band/collaborative pianist or other musicians are required for the recital, it is the responsibility of the student to secure and pay for services and ensure the performance is of an acceptable level.

**Please note: Not all music schools accept the MPS as an appropriate degree for entrance into a DMA program in performance, but there are schools that do.*

Course Listings – Music and Theatre

Music

Undergraduate Credit

001 Recital Attendance + (0) When offered, enrollment is required of full-time undergraduate music majors.

002 Introduction to the Study of Music (0) Focus on music fundamentals used in music theory. Requisites: CO, MUS 181.

030-099 Senior Recital () For performance majors, recital must be full length; for music education majors, 20 minutes.

121 Group Piano I (1) Development of piano techniques, sight reading, and improvisation; acquisition of standard piano repertory. Requisites: PR, music major or instructor permission.

122 Group Piano II (1) Continuation of Group Piano I. Requisites: PR, MUS 121, music major or PERM.

123 Vocal Techniques for the Instrumentalist (1) Fundamentals of vocal performance.

124 Group Voice II (1) Continuation of Group Voice I. Requisites: PR, MUS 123 or PERM.

153 English/Italian/Latin Diction (1) Principles of pronunciation in English, Italian and Latin as applied to singing.

161 Listening to Music* (3) Designed to develop competence in listening to music. The elements of music are discussed and demonstrated and specific musical forms are studied.

180 Musicianship (3) Theory and application of fundamental musical skills through written exercises, aural drills, and group piano realizations. The course is designed to 1) develop the ability to read music and understand musical notation, and 2) be an opportunity for non-music majors to learn fundamental skills. Does not count toward the music major. Requisites: PR; music major or PERM.

181 Music Theory I (3) Study of fundamentals of notation and introduction to voice leading. Requisites: CO, MUS 002.

182 Aural Skills I (1) Development of skills in sight singing, ear training, and basic musicianship.

183 Music Theory II (3) Continuation of MUS 181. Requisites: PR, MUS 181.

184 Aural Skills II (1) Continuation of MUS 182. Requisites: PR, MUS 182.

192 Music Styles and Context (3) A study of European classical music in its historical and cultural contexts, and stylistic development.

221 Group Piano III (1) A continuation of Group Piano II. Also includes development of elementary score reading. Special fees: lab fees. Requisites: PR, MUS 122 or PERM.

222 Group Piano IV (1) A continuation of Group Piano III. Requisites: PR, MUS 221 or PERM.

224 Group Guitar I (1) Emphasis on using the guitar to accompany songs; learning the basic chords and several basic folk strums; some note reading. Student provides guitar.

225 Group Guitar II (1) A continuation of Group Guitar I. Requisites: PR, MUS 224 or PERM.

229 Jazz Improvisation I + (1-2) Development of ability to improvise in the various jazz idioms. Requisites: PERM.

230-252 Lower Division Lessons () The first course in performance for undergraduate students. Special fees: lab fees.

253 German/French Diction (1) Requisites: PR, MUS 153 or PERM.

277 Early Field Experience: Music Education + (1-3) Students enrolled may acquire experience in teaching music at any level in the public schools.

281 Music Theory III (3) Completion of harmonic vocabulary of late romantic, impressionistic, and modern music. Course includes formal and stylistic analysis of works from all periods. Requisites: PR, MUS 183.

282 Aural Skills III (1) Continuation of MUS 184. Requisites: PR, MUS 184.

283 Music Theory IV (3) Continuation of MUS 281. Requisites: PR, MUS 281.

284 Aural Skills IV (1) Continuation of MUS 282. Requisites: PR, MUS 282.

285 Keyboard Harmony (1) Development of basic ability in melodic harmonization, harmonic improvisation, clef reading, and elementary score reading. Requisites: PR, MUS 183.

287 Conducting Techniques (1) Basic principles of conducting technique: study, marking, reading, and interpretation of musical scores.

288 Conducting () A study of conducting techniques in one of the three areas of major ensembles (Band, choir, or Orchestra), with an emphasis on rehearsal preparation and management.

289 Conducting and Score Reading III (2) Continuation of MUS 288 with an emphasis on laboratory experiences in

conducting in the student's area of musical emphasis (choral, orchestral, or instrumental). Requisites: PR, Successful completion of MUS 287 and MUS 288.

291 Rock Music Styles* (3) This course investigates the multiple roots and styles of rock music. From its early origins in Tin Pan Alley (American music theater), the African-America tradition (minstrel shows, blues, jazz, swing), country music and the Anglo-American tradition (folk, country, western, and bluegrass), to its current diverse and global mixture of styles today, a variety of styles and influences will be studied.

292 Music History I (3) The development of music history and style from ancient Greece to the early eighteenth century. Requisites: PR, MUS 183 or PERM.

293 Music History II (3) The development of music history and style in the eighteenth, nineteenth, and twentieth centuries. Requisites: PR, MUS 183 or PERM.

332 Women's Chorale + (1)

333 Men's Glee Club + (1)

340 Clarinet Choir + (0-1)

341 Jazz Ensemble + (0-1)

342 Fort Hays Singers + (0-1)

344 String Chamber Music + (0-1)

345 Brass Ensemble + (0-1)

346 Woodwind Ensemble + (0-1)

347 Percussion Ensemble + (0-1)

348 Flute Ensemble + (0-3)

361 World Music (3) An introduction to many styles of folk and classical music from around the world and the cultural causes and effects of this music

366 Elementary School Music (2) For non-music majors. Designed to equip the classroom teacher with skills, methods, and content of the elementary school music program. PERM.

378 Introduction to Music Technology (3) Students are introduced to music technologies needed for the 21st century musician.

388 Advanced Music Technology (3) An exploration of technological techniques used in composition and/or performance of experimental/ electronic music.

391 Jazz* (3) An introduction to various components of jazz, such as style periods, musicians, and compositions, for those with an interest but no previous knowledge in this field. A very important aspect of the course is listening to examples. These are intended to enhance the students'

listening ability and make them better consumers of all kinds of music.

401 Band Methods and Literature I (2) Organization and administration of the public school band program.

402 Band Methods and Literature II (3) A continuation of MUS 401. Study of advanced band methods and literature for public school programs.

403 Choral Methods (3) An investigation of methods for directing public school choral groups.

404 String Techniques (2) Designed to teach knowledge of and functional performance ability on string instruments sufficient to teach beginning students effectively in groups. Requisites: PR, MUS 183.

405 Woodwind Techniques (2) Designed to teach knowledge of and functional performance ability on woodwind instruments sufficient to teach beginning students effectively in groups. Requisites: PR, MUS 183.

406 Brass Techniques (2) Designed to teach knowledge of and functional performance ability on brass instruments sufficient to teach beginning students effectively in groups. Requisites: PR, MUS 183.

407 Percussion Techniques (1) Designed to teach knowledge of and functional performance ability on percussion instruments sufficient to teach beginning students effectively in groups. Requisites: PR, MUS 183.

408 Orchestral Methods and Literature (3) An investigation of methods and an overview of string orchestra literature for teaching orchestra in the public schools.

410 Jazz Ensemble Methods (1) Designed to equip the beginning teacher with skills needed to establish, rehearse, and maintain the jazz ensemble program in the public school. Requisites: PR, MUS 287 or concurrent enrollment.

430-452 Upper Division Lessons ◊ The second course in performance for undergraduate students. Special fees: lab fees.

470 Workshop I+ (1-3) Intensive, short-term courses in various areas of music and music teaching.

483 Music Theory Review (3) This course is a review of analytical procedures commonly found in music composed between 1650 and 1900 AD. This course cannot be taken in lieu of other theory courses (MUS 183, MUS 281, MUS 283) by students pursuing Bachelor of Music degrees. Requisites: PR, MUS 181 (or transfer equivalent).

498 Recording Practicum + (2-3) This course explores digital audio production techniques developed in MUS 388. The focus of the course is advanced digital editing, mixing, and mastering techniques for all musical genres/styles. Requisites: MUS 378 and 388.

Undergraduate/Graduate Credit

600 Concert Choir

601 Marching Band

602 Symphonic Band/Wind Ensemble

603 Hays Symphony

604 Advanced Choral Conducting + (2) Advanced study in conducting technique and score preparation. Emphasis on expressiveness, styles, and schools of thought in choral music. Practical experience in rehearsing choral ensembles. Requisites: PR, MUS 288.

605 Advanced Instrumental Conducting + (2) Advanced work in the study and conducting of scores, with emphasis on instrumental works. Requisites: PR, MUS 288.

611 Opera Production + (1-4) Approaches to performing roles in musical stage productions. Preparation and performance of scenes from opera repertoire by members of the class. Requisites: PERM.

612 Elementary & Secondary General Music Methods

(3) An investigation of pedagogical methods for teaching general music at the elementary and secondary level.

613 Advanced Elementary School Music Methods (3)

Continuation of MUS 612. Application of basic techniques and skills of teaching singing, rhythmic activities, movement activities, instrumental activities, music reading activities, and ear training activities within a comprehensive teaching framework of performance, analysis, and composition. Requisites: PR, MUS 612.

614 Advanced General Music Methods (2) Methods of teaching history and appreciation, music reading, and basic theory at the primary and secondary school levels.

615 Vocal Techniques and Materials (3) A study of methods in the teaching of singing. Emphasis on literature suitable for the voice student of high school age. Requisites: PR, two semesters of private instruction in voice.

616 Piano Techniques and Materials (3) A general survey of the materials and methods of piano teaching.

617 Pedagogy + (1-2) Techniques and materials for specialized instruction in performance. A music fee is charged to part-time students. Special fees: lab fees.

618 Collaborative Piano Class + (1-2) Students will learn instrumental and vocal repertoire, as well as the essential skills of collaboration ensemble performance, balance and team work ethic. Piano proficiency sufficient to perform standard repertoire is required. Requisites: PR, permission of instructor.

619 Small Jazz Group () This course is designed to teach students how to perform in a small jazz group.

629 Jazz Improvisation II + (1-2) Development of ability to improvise in the various jazz idioms. Requisites: PERM.

630-652 Pedagogy () Techniques and materials for specialized instruction in performance. Special fees: lab fees.

661 Instrumental and Choral Arranging (3) Scoring for separate string, woodwind, brass, percussion, and vocal choirs, with particular emphasis on scoring for groups of less than superior quality and technical proficiency. Requisites: PR, MUS 183.

662 Instrumental Arranging (3) Scoring for separate string, woodwind, and brass choirs, with particular emphasis on scoring for groups of less than superior quality and technical proficiency. Requisites: PR, MUS 183.

663 Form and Analysis (3) Continuation of Music Theory IV with emphasis on stylistic analysis of music from all periods. Requisites: PR, MUS 283.

664 Advanced Analysis () This course exposes students to advanced topics in music theory that will go beyond the topics covered in the four-semester music theory sequence (MUS 181,183,281,283), 18TH Century Counterpoint (MUS 665), and Form and Analysis (MUS 663). In addition to exploring current research in music theory, students will also learn about conducting music research through the development of their own research.

665 Eighteenth Century Counterpoint (3) Study of the polyphonic style of the mature baroque period with emphasis on the works of J.S. Bach. Requisites: PR, MUS 183.

666 Applied Composition I + (1-3) Music composition techniques for beginning composition student. Writing in sample forms and introduction of contemporary techniques.

667 Applied Composition II + (3) Continuation of Applied Composition I, emphasis on expanding forms and contemporary techniques.

675 Apprenticeship in Music + (1-3) Students enrolled may acquire experience in teaching music at the college level.

676 Applied Composition III + (2-4) Continuation of Applied Composition III, emphasis on writing in larger forms and for larger ensembles

677 Internship in Music + (1-3) Students enrolled may acquire experience in teaching music at any level in the public schools.

679 Topics in Music + (1-3) Specialized topics of narrow scope which lend themselves to presentation as short courses in music education, music theory, music literature, and music history.

683 Piano Literature (2) A survey of piano repertoire from 1700 to the present. Requisites: PR, MUS 183 or PERM.

684 Literature (2) A survey of the canon of literature, with an emphasis on stylistic practices, analysis, and interpretation as they relate to teaching and performance.

685 Song Literature (2) A study of solo song from 1600 to the present, concentrating on representative composers and works of German, French, Italian, English, and American origin. Requisites: PR, MUS 183 or PERM.

Graduate Credit

830 Collegian Chorale (0) Performance for graduate students in a principle performing medium. Special fees: lab fees.

834-856 Applied Lessons (0) Advanced study in the area of the student's performance specialization.

862 Graduate Recital

870 Workshop II + (1-3) Intensive, short-term courses in various areas of music and music and music teaching.

873 Seminar in Music + (2) Intensive study of special problems and topics in various areas of music, music theory, music history, music literature, music education, and pedagogy.

875 Final Seminar (2) Investigation of problems in musicology, music theory, and music education. Stress is placed on formation of broad areas and articulation of ideas. Final comprehensive examination requirement is included as a part of the seminar activity.

876 Principles of Research (3) An introduction to the principles of research in music. An overview of systems of musical analysis, conventions of music literacy, and historical approaches to musical synthesis.

882 Composition III + (2) Composition in larger instrumental and vocal media. Requisites: PR, MUS 666 or MUS 667.

883 Graduate Applied Composition + (2-4) Advanced composition in larger instrumental and vocal media. Requisites: PERM.

891 Graduate Jazz History (0) The course will provide students the opportunity to study the various historical topics of jazz, including jazz vocabulary, style periods, influential musicians, significant compositions, and aspects of improvisation and jazz theory. Students will learn to be discriminating listeners and consumers of jazz while understanding the historical, social, and cultural influences of the genre. In particular, the fusion of cross-cultural elements of European music, African music, and Latin American music to produce jazz will be explored. The course will consist of independent research of historical documentaries, textbook, influential jazz musicians, jazz recordings, and improvised solos.

899 Thesis (4-6) Candidates with a major in theory/composition may elect to write an original composition designed for a large vocal and/or instrumental ensemble. This

shall be performed by a departmental ensemble when practicable.

Theatre

Undergraduate Credit

120 Introduction to Theatre* # (3) Overview of theatre. Students will be exposed to theatre history, play scripts, and the process of producing plays. Co-requisite THTR 120L required only for communication majors. Requisites: co-requisite, THTR 120L.

121 Interpretative Reading (3) Vocal and physical techniques necessary for the effective interpretation of prose, poetry, and dramatic literature. Students analyze and perform literature in all three areas.

122 Acting (3) Introduction to skills necessary for development of individual acting tools. Vocal and physical work, script analysis, freeing the imagination, and getting acquainted with the concept of "performance."

223 Makeup (3) The student will learn the process of designing and executing stage makeup with emphasis on character analysis and its relationship to the actor.

224 Stagecraft (3) Basic techniques of scenery construction and painting. Includes lab work.

226 Rehearsal and Performance + (1-2) Analysis and production of a dramatic work. Involves rehearsal of play and participation in the final production. Requisites: PERM.

236 Summer Theatre Workshop + (3-6) Contents vary. Examples: (A) mini courses in various aspects of theatrical skills; (B) repertory company; and (C) touring children's theatre production. Maximum for credit: two summers.

326 Costumes History and Design (3) A survey of costuming Ancient Egypt to modern times. Principles of designing costumes. Some work with construction techniques.

328 Theatre Workshop + (1-3) Practical experience and application of skills through working on university theatre productions.

361 Directing (3) Theory and practice in the basic skills of staging dramatic scripts for the theatre. Students will analyze and direct scenes from contemporary and classic plays.

Undergraduate/Graduate Credit

661 Advanced Acting + (3) Contents vary. Examples: (A) advanced scene work; (B) production of a period play. May be repeated for credit if subject matter is different each time. Requisites: PR, THTR 122 or PERM.

662 Creative Dramatics/Children's Theatre (3) Creative dramatics and improvisational games used to develop imaginative sensitivity and theatrical ability in young people.

Should be of particular interest to students intending to teach.

663 Advanced Directing (3) A theoretical and practical workshop in producing and directing plays. Students will stage one-act plays for public performance. Requisites: PR, THTR 361 or PERM.

665 Theatre Management (3) Provides knowledge of and practical experience with activities involved in managing a theatre: sea- son ticket campaigns, publicity, box office procedures, and house management.

667 Survey of Drama I (3) A survey of theatre history and plays representing the major trends of classical theatre from the Greeks through the 18th century. Prerequisite: THTR 120.

669 Survey of Drama II (3) A survey of theatre history and plays representing the major trends of theatre from the 19th century to the present. Prerequisite: THTR 120.

670 Problems in Staging + (3) Contents vary. Practical solving of staging problems specific to particular theatrical genres, periods of history, and types of play scripts.

671 Lighting (3) The mechanics of stage lighting; electricity, instruments, control; and the design process: color, light plots, cue sheets, and theories. Includes lab work. Requisites: PR, THTR 224 or PERM.

672 Scene Design (3) Interpretation of plays in scenic terms and the study of principles of designing for the stage. Requisites: PR, THTR 224 or PERM.

675 Playwriting/Screenwriting (3) An opportunity to learn and practice the craft of writing dramatic scripts for the theatre and motion pictures. Dramas developed in this course may receive production in department's directing program.

*General Education Course

+Course may be repeated

#Lab required

PERM: Permission

PR: Pre-requisite

Department of Communication Studies, Law and Political Science

Communication Studies

Bachelor of Arts: Communication (General)

General Communication enables you to learn about interpersonal, organizational, and public communication while gaining practical experience through workshops, campus activities and internships. With a solid background in communication, you will find many career options available.

Bachelor of Arts

Applied Communication BA Concentration On-campus and Online
(48 hrs., includes 6 hrs. required Gen. Ed.)

COMMUNICATION – APPLIED GENERAL COMMUNICATION REQUIREMENTS (Human Communication, Organizational Comm. and Strategic communication combined) 45 hrs. including 1 required General Education courses.

General Education Required for all tracks (3 hrs.)

- SOC 376 (IDS 350) Diversity in the US

Communication Core (9 hrs)

- COMM 208 Communication & the Information Society. (Under development S22)
- COMM 350 Communication Research Methods. (Developed)
- COMM 490 Issues and Applications of Communication. (On development schedule for 2023)

Communication Context and Skills Electives

Choose 2 of the following (6 hrs.)

- COMM 128 Media and Society (Available Online – Here after “AO”)
- INF 240 Digital News Reporting
- COMM 345 Visual and Creative Design (AO)
- COMM 348 Intro to Public Relations and Advertising (AO)
- COMM 642 Crisis Communication & Strategies (AO)

(27 hrs. from the lists below – required and electives)

REQUIRED: (6 hrs.)

COMM 304 Intermediate Interpersonal (AO)

COMM 318 Intro. to Organizational Communication (AO)

CHOOSE 7 ELECTIVES (21 hrs.) from the following list that were not previously taken:

- COMM 125 Introduction to Motion Pictures (AO)
- COMM 128 Media and Society (AO)
- INF 240 Digital News Reporting
- COMM 322 Topics in Communication
- COMM 345 Visual and Creative Design (AO)
- COMM 348 Intro to Public Relations and Advertising (AO)
- COMM 414 Business & Professional Speaking (AO)
- COMM 600 Nonverbal Codes (AO)
- COMM 601 Persuasion
- COMM 602 Intercultural Communication (AO)
- COMM 606 Conflict Management through Communication (AO)
- COMM 603 General Semantics
- COMM 604 Interpersonal Communication
- COMM 605 Small Group Communication
- COMM 607 Listening (AO)
- COMM 608 Communication and Gender (AO)

- COMM 611 Organizational Culture and Climate
- COMM 613 Recruiting and Interviewing Techniques
- COMM 642 Crisis Communication & Strategies (AO)
- COMM 680 Seminar in Communication
- COMM 681 Readings **OR** 682 Problems **OR** 685 Internship

Bachelor of Arts: Communication (Organizational Communication)

General Education Required for all tracks (3 hrs.)

- SOC 376 (IDS 350) Diversity in the US

General/Organizational Communication Core (9 hrs.)

- COMM 208 Communication & the Information Society.
- COMM 350 Communication Research Methods.
- COMM 490 Issues and Applications of Communication.

Communication Context and Skills Electives, (6 hours from the following)

- INF 240 Digital News Reporting
- COMM 345 Visual and Creative Design
- COMM 600 Nonverbal Codes
- COMM 602 Intercultural Communication
- COMM 604 Interpersonal Communication
- COMM 607 Listening

Organizational Communication (27 hours from the following)

- Required courses (18 hrs.)
- COMM 304 Intermediate Interpersonal
- COMM 318 Intro to Organizational Communication
- COMM 414 Business and Professional Speaking
- COMM 611 Organizational Culture and Climate
- COMM 613 Recruiting and Interviewing Techniques
- COMM 642 Crisis Communication & Strategies

Choose 3 of the following: (9 hrs.)

- COMM 601 Persuasion
- COMM 605 Small Group Communication
- COMM 606 Conflict Management through Communication
- COMM 608 Communication and Gender
- COMM 612 Developing Human Resources through Communication **OR** MGT 611 Human Resource Management
- COMM 614 Organizational Coaching & Mentoring Communication
- COMM 680 Seminar in Communication
- COMM 681 Readings **OR** COMM 682 Problems **OR** COMM 685 Internship

Bachelor of Arts Communication (Public Relations and Advertising)

Public Relations and Advertising are both about **persuasion**. This emphasis teaches students how to become better persuaders and change agents for our society.

According to the Public Relations Society of America (PRSA), “**public relations** is a strategic communication process that builds mutually beneficial relationships between organizations and their publics.” Some of the disciplines and functions within PR include:

Program of Study

STRATEGIC COMMUNICATION (Public Relations and Advertising.) 45 hrs. including 1 required General Education courses.

General Education Required for all tracks (3 hrs.)

- SOC 376 (IDS 350) Diversity in the US

Public Relations/ Advertising Core (9 hours)

- COMM 208 Communication & the Information Society
- COMM 350 Communication Research Methods
- COMM 490 Issues and Applications of Communication (Capstone)

Public Relations and Advertising Major Requirements (33 hours)

- COMM 128 Media and Society (Freshmen; is a prerequisite for INT 346)
- COMM 318 Introduction to Organizational Communication (offered every semester and in the summer)
- COMM 345 Visual and Creative Design (is a prerequisite for 657 and 658)
- INF 346 Video Production (is a prerequisite for 658)
- COMM 348 Intro to Public Relations and Advertising (is a prerequisite for COMM349)
- COMM 349 Strategic Writing and Ethics (Prerequisite: COMM348)
- COMM 414 Business & Professional Speaking
- COMM 606 Conflict Management
- COMM 642 Crisis Communication & Strategies
- COMM 657 Media Planning and Management (Prerequisites: COMM 345 and COMM348)
- COMM 658 Strategic Campaign Design and Analysis (Prerequisites: INT 346 Video Production and COMM 345 Visual and Creative Design and COMM349)

Minor in General Communication

Students must take one three-credit hour course from:

- General Communication/Organizational Communication
- Advertising/Public Relations

Also, students complete an additional 12 credit hours from any area of the department. The minimum requirement is 21 credit hours.

- **Choose one of the following courses**
- COMM 100 - Fundamentals of Oral Communication (3 Credit Hours)
- COMM 125 - Introduction to Motion Pictures (3 Credit Hours)
- **Choose one of the following courses**
- COMM 128 - Media and Society (3 Credit Hours)
- COMM 304 - Intermediate Interpersonal Communication (3 Credit Hours)
- COMM 318 - Introduction to Organizational Communication (3 Credit Hours)
- **Choose one of the following courses**
- COMM 345 - Desktop Publishing and Publication Design (3 Credit Hours)
- COMM 347 - Advertising (3 Credit Hours)
- COMM 348 - Public Relations (3 Credit Hours)
- **Additional Courses (12 Credit Hours)**

Students can choose an additional 12 hours in any one area:

- General Communication/Organizational Communication
- Public Relations/Advertising
-

Total Hours for General Communication Minor: 21 Credit Hours

Minor in Organizational Communication

Required Courses - (15 Credit Hours)

- COMM 318 - Intro to Organizational Communication (3 Credit Hours)
- COMM 605 - Small Group Communication (3 Credit Hours)
- COMM 606 - Conflict Management through Communication (3 Credit Hours)
- COMM 611 - Organizational Culture and Climate (3 Credit Hours)
- COMM 612 - Developing Human Resources through Communication (3 Credit Hours)
- COMM 613 - Recruiting and Interviewing Techniques (3 Credit Hours)
- COMM 614 - Organizational Coaching and Mentoring Communication (3 Credit Hours)
- **Two courses from other areas of department (6 Credit Hours)**
 - Public Relations
 - Advertising
 - General Communication

This General Education course would qualify (3 Credit Hours)

- COMM 125 - Introduction to Motion Pictures

Total Hours for Organizational Communication Minor: 21 Credit Hours

Students must take courses in at least two areas of the department (advertising, general communication, or public relations). This option includes a concentration of a minimum of 15 hours in one area of the department. The minimum requirement is 21 credit hours.

Minor in Public Relations and Advertising

Program of Study

Required Courses (21 hours)

- COMM 100- Fundamentals of Oral Communication
- COMM 128- Media and Society
- COMM 318- Introduction to Organizational Communication
- COMM 348- Intro. to Public Relations and Advertising
- COMM 349- Strategic Writing and Ethics
- COMM 345- Visual and Creative Design
- COMM 414- Business and Professional Speaking

Course Listings – Communication Studies

100 Fundamentals of Oral Communication* (3) This course examines theories and practices relevant to acquiring skill in interpersonal relations, small group communication, and public speaking.

107 Debate and Forensic Practicum () (May be taken four semesters.) Examination of argumentative theory and technique with emphasis on application.

120 Introduction to Theatre Laboratory () Required for communication majors.

125 Introduction to Motion Pictures* (3) An overview of the art of cinema, concentrating on those techniques of filmmaking which shape motion pictures as a distinct art form. Although the course will include a short history of the development of the movie business, this is neither a history course nor a course in how to make films, but rather it is a course in how to view and understand motion pictures. A series of famous films will be shown and analyzed during the course.

205 Intermediate Speech () Course provides students with the basic theories and principles of speech communication and skill in their application through directed practice. Emphasis is given to developing skills essential to the speaker-audience situation.

208 Communication and the Information Society (3) Examines the global communication intensive society of the present and future. Study of the forms, processes, and functions of communication focusing on the role of communication in creating and shaping our attitudes and behaviors. Requisites: PR, COMM 100

277 Early Field Experience: Speech Education () Course provides prospective teachers with observational and participatory experience in their area of specialization. Students will be introduced to the classroom environment and teaching experience.

300 Diversity and Communication (3) This course seeks to increase awareness of diversity issues by examining the role of communication in creating and resolving problems in sexism, racism and ageism. The role of communication in acculturation is also examined. Requisites: PR, COMM 208 or PERM.

304 Intermediate Interpersonal Communication (3) Course examines speech principles and practices relevant to effective person-to-person and small group communication. Requisites: PR, COMM 100.

306 Argumentation and Debate () Course provides a study of theory and practice of argumentation and academic debate.

318 Introduction to Organizational Communication* (3) Analysis of the functions of communication in organizational settings. Emphasis is placed on organizational structures and their effect on the communication process. Requisites: PR, COMM 100.

322 Topics in Communication + (1-3) Course is designed to provide academic credit for a number of different areas in the communication department. The student will study one particular topic in depth.

350 Communication Research Methods (3) Study of the goals, objects and methods of communication research. An introduction to historical, dramatic, and quantitative research methodologies used in communication. Requisites: PR, COMM 100, and ENG 102.

414 Business and Professional Speaking (3) Course in speech communication with emphasis on the practical application of theories and principles to the development of those speech skills essential to communication encounters in the business and professional world. Requisites: PR, COMM 100.

490 Issues and Application in Communication (3) Communication is explored from three perspectives: 1) historical - examining both the behavioral rhetorical traditions; 2) theoretical - in the areas of theatre, interpersonal, organizational, and mass communication; and 3) futuristic directions in communication research. The course integrates prior courses into a conceptual whole and serves as the student's summative evaluation. Requisites: PR, COMM 350 and Senior Standing.

Undergraduate/Graduate Credit

600 Nonverbal Codes (3) Course examines the effects of a variety of nonverbal behaviors during interpersonal interaction at home, play, and work. Topics include proxemics, haptics, coalesces, chronemics, gender and cultural variables, paralinguistics, body types and shapes and sizes, personal artifacts and clothing, kinesics, and olfactics. Requisites: PR, COMM 100 or Graduate Standing.

601 Persuasion (3) Psychological principles of influencing individuals and groups and the application of these principles to various areas of social activity. Requisites: COMM 100 or Graduate Standing.

602 Intercultural Communication (3) Course examines the effects of cultural variables on the communication process. Cross-cultural interpersonal variables are examined. Requisites: PR, COMM 100 or Graduate Standing.

603 General Semantics (3) Course examines the means of changing implications so that language, in spoken or written form, more adequately describes life facts. Requisites: PR, COMM 100 or Graduate Standing.

604 Interpersonal Communication (3) Course views communication as a process of relating and evaluating. Emphasis is given to the study of communication theory applicable to face-to-face, spontaneous interactions in small groups. Requisites: PR, COMM 100 or Graduate Standing.

605 Small Group Communication (3) Various forms of group discussion are studied with emphasis on developing skills in effective

participation and leadership. Emphasis is on discussion, small group problem-solving, and group dynamics.

Requisites: PR, COMM 100 or Graduate Standing.

606 Conflict Management Through Communication (3)

Course examines the role of communication in managing conflicts. Conflict management theories such as assertiveness, shared decision-making, negotiation, mediation of conflicts, and other skills will be examined.

Requisite: PR, COMM 100 or Graduate Standing.

607 Listening (3) Course covers basic theories and principles of effective listening. Emphasis is given to therapeutic, comprehensive, critical, discriminative, and appreciative listening.

Requisites: PR, COMM 100 or Graduate Standing.

608 Communication and Gender (3) Course designed to give students insights and skills into interpreting and understanding various biological, social and cultural influences on men and women. Students will discover how sex and gender affect their communication as well as how communication affects sex and gender. Requisites: PR; COMM 100, ENG 102.

611 Organizational Culture and Climate (3) This course presents the major theoretical and research orientations of organizational communication as it relates to organizational culture and climate. Focus is given to the communicative construction and management of “culture” and its resultant climate as related to all aspects of organizational life.

Requisites: PR, COMM 318.

612 Developing Human Resources through Communication (3)

This course focuses on the role communication plays in the implementation of human resource development. The course focuses on communication and interpersonal skills required of the effective HR professional. Requisites: PR, COMM 318 or Graduate Standing.

613 Recruiting and Interviewing Techniques (3) This course focuses on the communication skills necessary to develop strong organizational recruiting and interviewing techniques. Emphasis is placed on developing innovative recruiting techniques and building interviewing skills.

Requisite: PR, COMM 318.

614 Organizational Coaching and Mentoring Communication (3)

This course is designed to help the student understand the importance of mentoring and coaching in organizations. The primary focus is on communication skills necessary to develop strong organizational coaching and mentoring programs within the organization. Requisite: PR, COMM 318.

617 Secondary School Speech Programs (0) Comprehensive survey of the methods, procedures, and techniques for directing and teaching the curricular and extracurricular secondary school speech program.

620 News Practicum – Reporting and Editing (0) Provides practical training and experience in writing and preparing copy for publications. Not for the student who has taken COMM 240 or COMM 541 or COMM 741.

625 Scholastic Journalism and Publication Advising (0) For current and prospective high school journalism teachers and publications advisers. Organization, management, finance, and theory of scholastic journalism and publications advising.

627 Contemporary Problems in New Media Communication (0)

Examination of the complexities facing new media communicators. Emphasis on examination of new media as the intersection of culture, communication, and technology.

630 Photojournalism (0) Study of photojournalism; how to cover and supplement the news photographically.

631 Seminar in Photography (0) Emphasis on polishing photographic technique. Creative aspects of photography, including composition, color, texture, special effects, and career opportunities are stressed.

664 Playwriting/Screenwriting (0) An opportunity to learn and practice the craft of writing dramatic scripts for the theatre and motion pictures. Dramas developed in this course may receive production in department's directing program.

665 Social Media Networking (3) This course surveys the Social Media Networking Industry and explores the effective practice of social networking tools and platforms for business and professional purposes. Additional attention focuses on the effective utilization of communication skills in the use of these internet-based tools and platforms. Students in this course will study how and why social media is used for professional purposes, with the aim of discovering strategic networking and communication techniques. In addition, students research social media theory, especially in its relevance to the history and future application.

666 Theatre History (0) A general survey of the history, theory, and literature of the theatre in its relationship to the development of western culture. The purpose of this course is to enhance the students' appreciation of the arts.

668 Pre-Modern Theatre History (0) An historical study of the theatre from classical Greek times up to the late 19th century.

680 Seminar in Communication + (1-3) Designed to give upper-level students an opportunity for in-depth study into areas of communication. Content will vary according to the needs of the upper-level student population.

681 Readings in Communication + (1-3) Special study by the student in the student's field of particular concentration. Requisite: PR, PERM.

682 Problems in Communication + (1-4) Special problems encountered by the student in the student's field of concentration. Requisite: PR, PERM.

684 Workshop in Communication (1-3) Designed to give concentrated training in an area of communication. Requisite: PR, PERM.

685 Internship + (1-6) Course is designed to provide practical experience in teaching and administration of communication. Requisites: PR, PERM.

Graduate Credit

775 Seminar in Communication () Emphasis on polishing photographic technique. Creative aspects of photography, including composition, color, texture, special effects, and career opportunities are stressed.

776 Apprenticeship () Course is designed to provide practical experience in teaching and administration of communication.

778 Seminar in Communication () Designed to give upper-level students an opportunity for in-depth study into areas of communication. Content will vary according to the needs of the upper-level student population.

788 Principles of Public Relations & Organizations () Internal and external public relations functions in organizations as they relate to management and marketing decisions, organizational planning and control, and personnel issues.

800 Contemporary Theories in Communication (3) Theoretical course designed to give graduate students breadth of knowledge in the diverse field of communication. Special attention is given to integrating contemporary theories of communication (general communication, journalism, information networking and telecommunications, and theatre).
Requisite: PR, GRAD.

810 Organizational Communication and Leadership (3) Provides a collaborative learning experience in organizational communication and leadership behaviors through student interaction and instructor feedback. This course focuses on the development of communication and leadership behaviors based on contemporary thinking in the field. Requisite: PR, GRAD.

817 Introduction to Graduate Research in Communication (3) Course examines research methods in communication, theatre, journalism, public relations/advertising, and information networking and telecommunications. Requisite: PR, GRAD.

827 Seminar in Communication Research (3) Advanced course in applying communication research methodologies to specific research topics. Requisites: PR, COMM 817.

899 Thesis (3-6) Requisites: PR, PERM and Graduate Standing.

Public Relations and Advertising

128 Media and Society (3) This course is a three-hour survey course designed to provide a general introduction to the social impact of media on cultures and society. This course examines the history of media, media theory, and the social impact of communication technologies and media convergence, with a primary focus on the United States.

335 Advanced Photographic Techniques (3) Advanced photography course which stresses color work, professional portraiture, and other specialized photographic work. Requisites: PR, COMM 129 or PERM.

345 Visual and Creative Design(3) Study and applications of Macintosh desktop publishing technology and publication design. Requisites: PR, COMM 100 and ENG 102

347 Advertising (3) This course is an overview of the field of advertising including advertising history; the idea systems behind advertising as a social/economic institution; the perspectives of supporters and critics; and the principles and elements of design. Requisites: PR, COMM 128 and ENG 102.

348 Intro to Public Relations and Advertising (3) This course provides an overview of the field of public relations. Includes the development and contemporary status of the field, a grammatical review, social responsibility, and emerging technologies. The class examines professional ethics and the impact of public relations on society. Requisites: PR, COMM 100 and ENG 102.

349 Strategic Writing and Ethics (3) This course is designed to develop the professional-level writing skills expected of public relations communicators, emphasizing approaches required for different publics and media. Includes basic persuasive theories and application techniques involved in creating public relations messages, including planning, writing, editing, production and evaluation. Requisites: PR, COMM 348

Undergraduate/Graduate Credit

635 Multimedia Production (3) This course provides an introduction to the production of multimedia. Components include conceptualization of the idea, story-board preparation, and the preparation of digital images, video, and sound. All the elements are then integrated into a finished presentation using appropriate authoring programs. Requisites: PR, COMM 129 or INF 346

641 Public Relations Management and Campaign Design (3) This course includes an overview of professional standards and practices, media and marketing research, program planning, and communication techniques used by public relations professionals. A complete PR campaign will be developed and presented. Requisites: PR, COMM 348

642 Crisis Management and Strategies (3) A study of the factors in crisis situations, including development of crisis plans, handling of the media, coordination of internal disciplines, collection and dissemination of information and restoration of public confidence. Crisis theories and the design and use of written and oral strategies will be examined. Requisites: PR, COMM 100.

656 Advertising Copywriting Strategy and Tactics (3) This course examines the creative process including idea generation and execution of advertising copywriting and storyboards. The course will encompass the concepts of consumer motivation, perception, learning and attitudes as related to advertising tactics and strategies. Requisites: PR, COMM 347.

657 Media Planning and Management (3) This course focuses on the function of media, the relationship between advertising and marketing, the role of research, research sources, media mathematics, identifying target audiences, scheduling, and media avenues (newspapers, magazines, radio, etc.) Requisites: PR, COMM 348.

658 Strategic Campaign Design and Analysis (3) This course involves the analysis and development of advertising campaigns aimed at gaining attention and acceptance of selected target audiences. An advertising campaign for a client will be developed. Requisites: COMM 348, COMM 656, and COMM 657.

Bachelor of Arts and Bachelor of Science: Political Science

American Politics

The American Politics subfield gives students essential exposure to the institutions, actors, and processes in American government. This area of political science covers a broad range of behavioral and institutional accounts of electoral and campaign politics, the legislative process, political parties, executive power and bureaucracy, the policy process and administration of policy, public law, cultural politics, state and local government, political development over time, and political thought. Furthermore, the study of American politics is hardly confined to one government—50 state governments in a federalist system can act as experimental arenas in which policy is tested and evaluated.

Federalism is the idea that a national government shares power with sub-units of government. In the American case this means that the federal government in Washington DC does not have a monopoly on political power. 50 state governments have their own constitutional foundations, legislatures, executive branch (state governors), and state court systems. Furthermore, state governments must share power with local government entities, such as municipal or county-level governments. Federal, state, and local governments interact in complex ways that make the study and practice of politics in the United States a fascinating and challenging endeavor.

Studying institutions of American government gives FHSU students career readiness that positions them for rewarding careers in various layers of government, NGOs and non-profit organizations, and the private sector.

Program Summary

University Degree Requirements (Gen-Ed)	36 credit hours
Foreign Language Requirement/Cognates	10 credit hours
Departmental Core Curriculum	22 credit hours
Electives	52 credit hours
	120 credit hours total

Core for Political Science Major [BA/BS]

POLS 100	Orientation to Political Science	3 hours
POLS 101	American Government	3 hours
POLS 230	Introduction to International Relations	3 hours
POLS 280	Introduction to Public Policy	3 hours
PHIL 201	Political Philosophy	3 hours
POLS 455	Research Methods	3 hours
POLS 490	Senior Capstone	3 hours
POLS 689	Internship in Political Science	1 hour
		22 hours total

Courses in American Government

POLS 101	American Government
POLS 103	State and Local Government
POLS 361	American Political Parties
POLS 400	Urban Politics
POLS 401	The Congress
POLS 403	The Presidency
POLS 675	Kansas Politics

Global Studies Concentration

About the Program

This program explores the complex global issues facing our world in the 21st century. It is built around the American Association of State Colleges and Universities (AASCU) Global Challenges project, which uses the Center for Strategic and International Studies' Seven Revolutions framework. The course, IDS 805: Global Challenges, was created in collaboration with several scholars from institutions around the USA. The seven areas of future global challenges include: population, resources, technology, information, economies, conflict,

and governance. All seven challenges will be introduced in **IDS 805: Global Challenges, which is required before taking other courses in the concentration.** Additional concentration courses will focus upon more knowledge acquisition in each challenge area.

In addition to becoming a more intelligent and responsible citizen, students with this degree may enter careers in advocacy, law or legal studies, media, non-profit, local/state/national/international government, education, or community programs.

Master of Liberal Studies is endorsed by the Association of Graduate Liberal Studies Programs

Program Admissions Requirements

This concentration requires a 2.5 GPA on the last 60 undergraduate credit hours. The personal statement (1-2 pages) should be inspired by the following questions:

- What does it mean to engage in graduate study?
- What are three of the most crucial qualities needed to be a graduate student?
- Describe for us something you're especially proud of having achieved in your life.

One of the two required letters of recommendation should be an academic reference.

The program has a rolling admissions process, and will review completed applications as they are submitted.

Program Curriculum

MLS Core Courses: 10 credit hours (required)

- IDS 801: Introduction to Graduate Liberal Studies
- IDS 802: Ways of Knowing in Comparative Perspective
- IDS 803: Origins and Implications of the Knowledge Society
- IDS 804: Information Literacy

Concentration Core: 3 credit hours (required)

- IDS 805: Global Challenges

Students must successfully complete IDS 805 before enrolling in other concentration courses.

Choose five of the following: 15 credit hours

- HHP 610G: Global Health
- INF 610G: Public Policy, Law, and Ethics in Telecommunications
- INF 660G: Global Telecommunications Policy
- INF 684G: Foundations of Information Systems Security
- LDRS 802: Organizational Systems, Change and Leadership
- POLS 611G: Policy Analysis
- POLS 630G: International Organizations and World Politics
- POLS 631G: American Foreign Policy
- POLS 632G: Problems and Issues in World Politics
- SOC 681G: Non-Governmental Org: Global Social Innovation

Culminating Experience: 3 credit hours

- IDS 820: Projects in Liberal or Professional Studies
- Course approved by MLS Coordinator

Total Hours Required: 31 Credit Hours

International Relations/Comparative Politics Concentration

Looking for a career with an international flair such as a position with the United Nations or State Department? Are you interested in better understanding international organizations, foreign policy concerns, and other issues in world politics?

The International Relations/Comparative Politics concentration grounds you in the study of international relations through the study of nations, states, intergovernmental organizations and multi-national corporations. Through theory and hands-on learning opportunities, the International Relations/Comparative Politics concentration equips you with invaluable research and analytical skills and helps you build a solid foundation for your success either in graduate school or in the international relations field.

Program Summary

University Degree Requirements	55 credit hours
Foreign Language Requirement	10 credit hours
Departmental Core Curriculum	22 credit hours
Electives	25 credit hours
	124 credit hours total

Core for Political Science Major [BA/BS]

POLS 100	Orientation to Political Science	3 hours
POLS 101	American Government	3 hours
POLS 230	Introduction to International Relations	3 hours
POLS 280	Introduction to Public Policy	3 hours
PHIL 201	Political Philosophy	3 hours
POLS 455	Research Methods	3 hours
POLS 490	Senior Capstone	3 hours
POLS 689	Internship in Political Science	1 hour
		22 hours total

Courses in International Relations

POLS 240	Democracy and Liberty in Comparative Perspective
POLS 609	Model United Nations
POLS 630	International Organization in World Politics
POLS 631	American Foreign Policy
POLS 632	Problems and Issues in World Politics
POLS 640	Comparative Politics

Political Theory

In one sense, political theory is a subfield of the discipline of political science, existing alongside other branches of political inquiry such as comparative politics, international relations, and American politics. But in another sense, political theory seems quite unique from the other subfields in that it can be regarded as the oldest and most fundamental form of political inquiry. It is a philosophical inquiry into political meaning that lays bare the most fundamental questions of the human experience.

What does it mean for an individual to be free? Is reason necessary to freedom? What form of equality should society strive for? How does one wield power for the sake of justice?

Political theory, then, does not just stand beside other branches, but can be considered foundational to the discipline of political science—the fountainhead of all other forms of political inquiry. Indeed, what appears to lie beneath the practice of inquiry in the other subfields of political science are fundamental questions and insights that strike to the heart of what we call political theory. For these reasons, it is essential that students have some exposure to political theory in order to: a) understand their own beliefs and ideological principles; b) evaluate contemporary political debate by understanding foundational principles that influence specific policy proposals and political positions; and c) articulate a sense of what justice, freedom, and equality are and how we should pursue these values in a democratic society.

Program Summary

University Degree Requirements (Gen Ed)	36 credit hours
Foreign Language Requirement/Cognates	10 credit hours

Departmental Core Curriculum	22 credit hours
Electives	52 credit hours
	120 credit hours total

Core for Political Science Major [BA/BS]

POLS 100	Orientation to Political Science	3 hours
POLS 101	American Government	3 hours
POLS 230	Introduction to International Relations	3 hours
POLS 280	Introduction to Public Policy	3 hours
PHIL 201	Political Philosophy	3 hours
POLS 455	Research Methods	3 hours
POLS 490	Senior Capstone	3 hours
POLS 689	Internship in Political Science	1 hour
		22 hours total

Courses in Political Theory

POLS 201	Foundations of Political Theory
POLS 650	History of Political Theory
POLS 651	Recent Political Theory
POLS 653	American Political Thought

Pre-Law/Legal Studies

General Education Requirements-34 hours

Free Electives Requirements-44 hours

Political Science Major Core Courses-21 hours

Political Science Upper-Division Courses-21 hours

(120 hours total credit for the degree)

Core for Political Science Major [BA/BS]

POLS 100	Orientation to Political Science	3 hours
POLS 101	American Government	3 hours
POLS 230	Introduction to International Relations	3 hours
POLS 280	Introduction to Public Policy	3 hours
PHIL 201	Political Philosophy	3 hours
POLS 455	Research Methods	3 hours
POLS 490	Senior Capstone	3 hours
POLS 689	Internship in Political Science	1 hour
		22 hours total

Legal Studies /Pre-Law Subfield Courses

POLS 320	Introduction to the Law	3 hours
POLS 380	Topics in Political Science (subject varies)	3 hours
POLS 422	Legal Advocacy	3 hours
POLS 425	Legal Research Methods	3 hours
POLS 620	Constitutional Law	3 hours

POLS 621	American Civil Liberties	3 hours
POLS 675	Seminar in Political Science (subject varies)	3 hours
PHIL 310	Legal Philosophy	3 hours

Public Administration Subfield/Concentration

Studying Public Administration can ready you to become a public servant in a governmental agency at the federal, state, or local level. You can also work in think tanks, research institutes, or non-profit organizations to assist and influence government officials in policy-making.

Courses offered for the Public Administration concentration will introduce the basic theories, concepts, and practices in the field of public administration and policies. Students will gain an understanding of the political, legal, and social environment of public administration and will develop skills in policy analysis, personnel management, and public budgeting. With these skills, students are prepared for careers in a multitude of fields.

- General Education Requirements- 34 hours
- Free Electives Requirements – 44 hours
- Political Science Major Core Courses – 21 hours
- Political Science Upper Division Electives – 21 hours

120 hours of total credit hours for the degree

Core for Political Science Major [BA/BS]

POLS 100	Orientation to Political Science	3 hours
POLS 101	American Government	3 hours
POLS 230	Introduction to International Relations	3 hours
POLS 280	Introduction to Public Policy	3 hours
PHIL 201	Political Philosophy	3 hours
POLS 455	Research Methods	3 hours
POLS 490	Senior Capstone	3 hours
POLS 689	Internship in Political Science	1 hour
		22 hours total

Courses in Public Administration/Public Policy

POLS 310	Introduction to Public Administration
POLS 400	Urban Politics
POLS 611	Policy Analysis
POLS 612	The Administrative Process
POLS 616	Public Personnel Management
POLS 618	Public Budgeting

Minor in Political Science

To obtain a Minor in Political Science (on campus or online), a student needs 20 credit hours in courses designated as POLS. Please visit with a Political Science advisor for suggestions appropriate for your academic and professional interests. *It is possible to aim all or most of your minor credits toward an area of emphasis in the major* (ex: Pre-Law, International Relations). You may also "double dip" general education and minor courses (ex: American Government, Current Political Issues, and/or Introduction to International Relations can count toward both General Education and Minor credits).

Master of Liberal Studies

Global Studies Concentration

About the Program

This program explores the complex global issues facing our world in the 21st century. It is built around the American Association of State Colleges and Universities (AACSB) Global Challenges project, which uses the Center for Strategic and International Studies' Seven Revolutions framework. The course, IDS 805: Global Challenges, was created in collaboration with several scholars from institutions around the USA. The seven areas of future global challenges include: population, resources, technology, information, economies, conflict, and governance. All seven challenges will be introduced in **IDS 805: Global Challenges, which is required before taking other courses in the concentration.** Additional concentration courses will focus upon more knowledge acquisition in each challenge area.

In addition to becoming a more intelligent and responsible citizen, students with this degree may enter careers in advocacy, law or legal studies, media, non-profit, local/state/national/international government, education, or community programs.

Master of Liberal Studies is endorsed by the Association of Graduate Liberal Studies Programs

Program Admissions Requirements

This concentration requires a 2.5 GPA on the last 60 undergraduate credit hours. The personal statement (1-2 pages) should be inspired by the following questions:

- What does it mean to engage in graduate study?
- What are three of the most crucial qualities needed to be a graduate student?
- Describe for us something you're especially proud of having achieved in your life.

One of the two required letters of recommendation should be an academic reference.

The program has a rolling admissions process, and will review completed applications as they are submitted.

Program Curriculum

MLS Core Courses: 10 credit hours (required)

- IDS 801: Introduction to Graduate Liberal Studies
- IDS 802: Ways of Knowing in Comparative Perspective
- IDS 803: Origins and Implications of the Knowledge Society
- IDS 804: Information Literacy

Concentration Core: 3 credit hours (required)

- IDS 805: Global Challenges

Students must successfully complete IDS 805 before enrolling in other concentration courses.

Choose five of the following: 15 credit hours

- HHP 610G: Global Health
- INF 610G: Public Policy, Law, and Ethics in Telecommunications
- INF 660G: Global Telecommunications Policy

- INF 684G: Foundations of Information Systems Security
- LDRS 802: Organizational Systems, Change and Leadership
- POLS 611G: Policy Analysis
- POLS 630G: International Organizations and World Politics
- POLS 631G: American Foreign Policy
- POLS 632G: Problems and Issues in World Politics
- SOC 681G: Non-Governmental Org: Global Social Innovation

Culminating Experience: 3 credit hours

- IDS 820: Projects in Liberal or Professional Studies
- Course approved by MLS Coordinator

Total Hours Required: 31 Credit Hours

Political Leadership and Public Service Concentration

About the Program

Our communities - local, state, regional, national, and global - face a multiplicity of vexing challenges but also offer numerous opportunities for "the common citizen" to have a positive impact on economic, political, cultural, social, and religious matters. You may be one of many individuals who help out in a community organization, or non-profit organization, or church. Or you may want to take your duties as a citizen seriously and get involved in some way. Undoubtedly, you work in either the public, non-profit, or private sector. Whatever the case, it is our hope that this MLS concentration will help you develop a knowledge base and skills that will empower you to more ably contribute to the communities and organizations that are important to you - and to us, too.

In order to achieve these goals, this MLS concentration centers on three basic aspects of our current condition: 1) political institutions and processes, 2) leadership and change-making, and 3) ethics. Each of these three basic aspects, and the learning goals associated with them, are briefly described below. After that, the courses in curriculum of the concentration are listed (course descriptions are included).

- **Political Institutions and Processes:** Political leadership and civic engagement requires a solid working knowledge of government and non-governmental organizations and processes. Students will understand political dynamics and develop capacities to influence the public policymaking processes.
- **Leadership and Change-Making:** Effective political leadership and civic engagement in democratic societies is intended to produce change for the common good. This process requires students to initiate and sustain grassroots change and to develop variety of analytic, communication, and network abilities.
- **Ethics and Political Leadership and Civic Engagement:** Perhaps the greatest challenge facing today's leaders is establishing high ethical standards. Students will develop the moral and social responsibilities necessary for political and civic leaders as they mobilize the citizenry to confront the challenges of our society.

Master of Liberal Studies is endorsed by the Association of Graduate Liberal Studies Programs

Program Admission Requirements

This concentration requires a GPA of 2.5 or higher on the last 60 undergraduate hours. The personal statement (1-2 pages) should be inspired by the following questions:

- What does it mean to engage in graduate study?
- What are three of the most crucial qualities needed to be a graduate student?
- Describe for us something you're especially proud of having achieved in your life.

One of the two required letters of recommendation should be an academic reference.

The program has a rolling admissions process, and will review completed applications as they are submitted.

Program Curriculum

MLS Core Courses: 10 credits (required)

- IDS 801: Introduction to Graduate Liberal Studies
- IDS 802: Ways of Knowing in Comparative Perspective
- IDS 803: Origins and Implications of the Knowledge Society
- IDS 804: Information Literacy

Concentration Core: 12 credit hours (required)

- LDRS 640G: Principles of Civic Leadership
- LDRS 801: Theoretical Foundations of Leadership
- LDRS 818: Ethical Leadership
- COMM 810: Organizational Communication and Leadership

Choose one of the following: 3 credit hours

- POLS 621G: American Civil Liberties
- POLS 651G: Recent Political Theories
- POLS 653G: American Political Thought
- POLS 675G: Any approved seminar

Choose one of the following: 3 credit hours

- POLS 664G: Political Behavior
- POLS 665G: Interest Groups and Lobbying

Choose one Culminating Experience: 3 credit hours

- IDS 820: Projects in Liberal Studies
- Course approved by MLS Coordinator

Total Hours Required: 31 credit hours

Political Science Concentration

About the Program

Politics is about getting the family car on Saturday night--which as you know was as much about how to influence your parents to let you have the car as it was having money to put gas in the tank. Politics is about whether you get a break on your taxes as much as it is about whether you can smoke marijuana legally. Politics is about immigration policy, climate change, and whether you can drink a beer legally at 18 (you cannot at this time). Politics is about your healthcare insurance, the cost of your tuition, and when you get your last unemployment check.

Politics is about activities that serve your interests and the interests of others. It may occur at the local, state, national, and international levels. It might be pursued in the private sector as well as the public. Generally speaking, politics is a story that never ends, never fails to entertain, and always has losers and winners.

The Master of Liberal Studies degree with a concentration in Political Science can help you understand these activities and stories at an advanced level. What decisions does the government make that affect your life? What would happen if the parties involved had more skills and resources to pursue their interests through politics? What if the decisions were made differently? Who wins and who loses? The goal of the MLS Political Science concentration is to help you gain the skills, knowledge, and perspective to better understand the implications and answers to all these questions and many more. Join us to understand how politics impacts your world and how you can impact the world of politics.

Master of Liberal Studies is endorsed by the Association of Graduate Liberal Studies Programs

Program Admissions Requirements

This concentration requires a 2.5 GPA on the last 60 undergraduate credit hours. The personal statement (1-2 pages) should be inspired by the following questions:

- What does it mean to engage in graduate study?

- What are three of the most crucial qualities needed to be a graduate student?
- Describe for us something you're especially proud of having achieved in your life.

One of the two required letters of recommendation should be an academic reference.

The program has a rolling admissions process, and will review completed applications as they are submitted.

Program Curriculum

MLS Core Courses: 10 credit hours (required)

- IDS 801: Introduction to Graduate Liberal Studies
- IDS 802: Ways of Knowing in Comparative Perspective
- IDS 803: Origins and Implications of the Knowledge Society
- IDS 804: Information Literacy

Concentration: 18 credit hours, choose six of the following

- POLS 611G: Policy Analysis
- POLS 612G: The Administrative Process
- POLS 616G: Public Personnel Management
- POLS 620G: Constitutional Law
- POLS 621G: American Civil Liberties
- POLS 631G: American Foreign Policy
- POLS 664G: Political Behavior
- POLS 675G: Any approved seminar

Choose one Culminating Experience: 3 credit hours

- IDS 820: Projects in Liberal or Professional Studies
- Course approved by MLS Coordinator

Total Hours Required: 31 credit hours

Public Administration Concentration

About the Program

The increasing scope and complexity of problems facing American society have placed substantial demands upon public and private sector leaders. It is a broad sentiment that our social institutions (and their leaders) have failed to provide the "good life." Our society is entering an era in which the traditional boundary between public, private, and nonprofit sectors is becoming increasingly blurred. Thus, it is even more important that today's public administrator understand and work effectively within the context of these social changes. Public administrators require particular knowledge and skills to provide the highest standards of leadership in their communities, and the MLS in Public Administration provides those essential qualities.

[Master of Liberal Studies is endorsed by the Association of Graduate Liberal Studies Programs](#)

Program Admissions Requirements

This concentration requires a 2.5 GPA on the last 60 undergraduate credit hours. The personal statement (1-2 pages) should be inspired by the following questions:

- What does it mean to engage in graduate study?
- What are three of the most crucial qualities needed to be a graduate student?
- Describe for us something you're especially proud of having achieved in your life.

One of the two required letters of recommendation should be an academic reference.

The program has a rolling admissions process, and will review completed applications as they are submitted.

Program Curriculum

MLS Core Courses: 10 credit hours (required)

- IDS 801: Introduction to Graduate Liberal Studies
- IDS 802: Ways of Knowing in Comparative Perspective
- IDS 803: Origins and Implications of the Knowledge Society
- IDS 804: Information Literacy

Concentration Core: 12 credit hours (required)

- POLS 611G: Policy Analysis
- POLS 612G: Administrative Process
- POLS 616G: Public Personnel Management
- POLS 618G: Public Budgeting

Choose two of the following: 6 credit hours

- COMM 810: Organizational Communication and Leadership
- CRJ 810: Criminal Justice Organizational Structures
- INF 610G: Public Policy, Law, Ethics in Telecommunications
- INF 658G: Law of Cyberspace
- LDRS 802: Organizational Systems, Change, and Leadership
- LDRS 818: Ethical Leadership
- POLS 620G: Constitutional Law

Choose one Culminating Experience: 3 credit hours

- IDS 820: Projects in Liberal or Professional Studies
- POLS 856: Advanced Quantitative Methods
- Course approved by MLS Coordinator

Total Hours Required: 31 credit hours

Master of Professional Studies

Political Management Curriculum

Please consult the department chair regarding course availability in specific semesters and delivery methods in order to assemble a program of study. The program has established these deadlines for priority application consideration:

Fall - March 31

Spring - October 31

Additional Admissions Requirements:

Applicants must earn a grade point average (GPA) of 3.0 or higher on the last 60 undergraduate credit hours.

The personal statement (1-2 pages) should be inspired by the following questions:

- What does it mean to engage in graduate study?
- What are three of the most crucial qualities needed to be a graduate student?
- Describe for us something you're especially proud of having achieved in your life.

CORE (9 Credit Hours)

- POLS 856 Advanced Research Methods in Political Science (3 Credit Hours)
- IDS 804 Information Literacy (3 Credit Hours)
- POLS 664G Political Behavior (3 Credit Hours)

MAJOR (9 Credit Hours)

- POLS 660G Political Campaign Management (3 Credit Hours)
- POLS 863 Political Electioneering Organizations (3 Credit Hours)
- GBUS 802 Management and Marketing Concepts (3 Credit Hours)

COGNATE/ELECTIVES (9 Credit Hours) Choose 3 courses from this list

- LDRS 807 Leadership in Teams and Collaborative Environments (3 Credit Hours)
- MKT 601G Consumer Behavior (3 Credit Hours)
- MGT 605G Entrepreneurship (3 Credit Hours)
- MKT 609G Strategic Electronic Marketing (3 Credit Hours)
- INT 633G Advanced Video Production (3 Credit Hours) [prerequisite is INT 346 or equivalent]
- INT 651G Advanced Web Development (3 Credit Hours) [prerequisites are MIS 101 and INT 250 or equivalent]

INTERNSHIP (3 Credit Hours)

- POLS 689G Internship (3 Credit Hours)

Course Listings – Political Science

Undergraduate Credit

100 Orientation to Political Science (3) An introduction to the discipline of Political Science within the framework of a liberal arts education.

101 American Government* (3) An introduction to the constitutional, political, and governmental processes of the national political system. The course will introduce students to ongoing disagreements regarding the scope and boundaries of power held by the legislative, executive, and judicial branches of the federal government.

103 State and Local Government (3) An introduction to state and local governments, including their structures, functions, decision-making, and political processes. The course will introduce students to the mechanics of how state and local governments operate in the United States.

105 Current Political Issues* (3) An introduction to contemporary political issues and to the skills, techniques, and tactics that enhance the effectiveness of citizen participation in American politics.

108 Field Work in Politics + (1-4) A special program of study developed for the individual student emphasizing field participation or simulation in politics.

111 Political Thinking for the Greater Good (3) This course explores how citizens can enrich their communities and sustain democratic values by collecting, evaluating, and communicating information about political processes, laws, and rights. It is far too often the case where politics is thought about in terms of "winners" and "losers." Politics is not purely about maximizing individual benefits; in reality, politics involves maximizing benefits for a broader population, also known as "the greater good." By recognizing this larger purpose, students can be productive innovators in society, not only in the realm of politics but in other areas of life as well.

220 Introduction to the Legal Profession (1) The purpose of this course is to familiarize the potential law student or paralegal with: 1) the process of admission into legal education programs, 2) the typical education model, 3) the legal job market, and 4) the roles of legal assistants, lawyers and judges in American society.

230 Introduction to International Relations* (3) Investigation of the fundamental problems, principles, and characteristics of the modern nation-state system, emphasizing the mechanisms for making choices and managing power.

240 Democracy and Liberty in Comparative Perspective (3) An introduction to the study of comparative government by evaluating the political processes, governmental institutions, and liberties observed in industrialized nations when contrasted with developing nations.

280 Introduction to Public Policy (3) An introduction to Public Policy with an emphasis on developing tools and insights for understanding the forces that shape public policy.

310 Introduction to Public Administration (3) A general survey of the political and managerial factors which affect the administration and management of the public's business.

320 Introduction to the Law (3) A survey of the American legal system emphasizing what lawyers and judges do as professionals, how the law is structured, with the objective of making the legal system intelligible to a consumer of legal services.

380 Topics in Political Science + (1-3) A topical approach and analysis of selected historical movements, concepts, or current issues. (See class schedule for specific titles.)

400 Urban Politics (3) This class provides an evolutionary look at the growth, continuing adaptation, and politics of both the United States and Kansas metropolitan areas.

401 The Congress (3) An analysis of congress with emphasis on membership recruitments, internal organizations, committees, legislative oversight, and lobbying.

403 The Presidency (3) The office of the president and its place in the political, constitutional, and administrative systems with emphasis on theories of the presidency.

420 LSAT Preparation (1-3) A preparatory course designed to enhance student performance on the law school admission test through analysis of the LSAT sections, study of test-taking strategies, and practice of LSAT questions.

422 Legal Advocacy (3) Designed for juniors and seniors who plan to attend law school or desire an overview of legal advocacy in the American legal system. Course content may include Mock Trial and/or Appellate Advocacy exercises.

425 Legal Research Methods (1-3) An introduction to legal research methods including an exploration of the relationships between sources of law, an understanding of the mechanics of legal research, and familiarity with the FIRAC (facts, issues, rule of law, analysis, conclusion) model of legal analysis.

455 Research Methods in Political Science (3) This course introduces students to the scientific method as it relates to providing insight and answers to political questions. Students will learn the scientific method and research design, and they will apply those methods to politics, collect new and use existing data, and conduct statistical analyses to provide substantive answers to questions related to politics.

457 Advanced Research Methods in Political Science (3) Introduces students to mainframe computing, regression analysis, and the use of the regression model in political science. Students will learn how to use statistical packages such as SPSSX and micro-crunch.

648 Political Communication () This course explores the relationship between media and politics in America, focusing on the process and power of media including its use by citizens, political interest groups, candidates and political leaders as well as its effect on information, civic involvement, and voter turnout.

490 Senior Capstone (3) The senior capstone is a culminating experience required for all Political Science majors. Designed for senior students, emphasis is placed on integrating the student's educational experience and preparing the student for graduate school or the profession. Students will conduct an in-depth study of a topic of interest, produce a detailed research paper, and present the paper in an academic setting. Co-requisites: Eligibility: Senior Level Standing 90 semester units and POLS 455: Research Methods in Political Science.

Undergraduate/Graduate Credit

609 Field Work in Government+ (1-4) An advanced, special program of study developed for the individual student emphasizing field participation or simulation in politics and government. Requisites: PR; PERM.

610 Public Policy, Law, and Ethics in Telecommunications

(3) The study of the regulation of computer networks, the telecommunications industries, and media distributors. Included is a consideration of the following: how regulation affects these industries and how developments in these industries affect public policy and society; how public policy is designated; and the moral and ethical obligations of these industries.

611 Policy Analysis (3) A study of the governmental policy-making process, its formulation, implementation, and evaluation.

612 The Administrative Process (3) An examination of the legal and political implementation procedures in administrative agencies.

616 Public Personnel Management (3) Issues associated with the management of personnel in public agencies, emphasizing the merit system, public employee organizations, and collective bargaining.

618 Public Budgeting (3) This course examines public budgeting and finance from economic, political, cultural and institutional perspectives. It presents an overview of the processes and problems associated with public budgeting and policy.

620 Constitutional Law (3) The constitutional possibilities and limitations on economic, political, and social legislation as determined by U.S. Supreme Court decisions.

621 American Civil Liberties (3) Civil rights in the American constitutional context, emphasizing freedom of religion, expression, association, rights of the accused, equal protection of the law, and due process of law.

630 International Organization in World Politics (3) The role and influence of international organization as a process for institutionalizing and regulating conflict among states and transnational actors.

631 American Foreign Policy (3) A study of the domestic and international systemic factors that condition American foreign policy with emphasis on the contemporary era.

632 Problems and Issues in World Politics (3) Designed for advanced students who desire a more detailed study of the traditional problems and current issues in world politics.

639 Internship in International Relations () Designed for upper-level and graduate students with career goals in the international field who desire short-term practical learning experiences with companies/Organizations/Agencies affected by world politics.

640 Comparative Politics + (3) Theoretical and methodological aspects of comparative politics with emphasis on a particular geographic area.

650 History of Political Theory (3) The writings and significance of great, representative political philosophers from Plato to John Stuart Mill with emphasis on the major classics in western political thought.

651 Recent Political Theories (3) Modern ideologies and political philosophies with emphasis on the political thought of the past 150 years.

653 American Political Thought (3) Major trends in political thought in the U.S. from pre-revolutionary times to the present with emphasis on the liberal and conservative traditions.

660 Political Campaign Management (3) This course investigates the process of conducting modern American political campaigns. Campaigns require knowledge, including research and planning, that this course provides. Students will learn skills in campaign planning, political strategy, campaign organization, fundraising and campaign finance law compliance, voter outreach, and voter mobilization. Requisites: PR, POLS 101.

661 American Political Parties () This class will investigate the history and development of American political parties. Students will learn about why parties form, how they are organized, and the roles parties play. Changes in party identification and their relation to voting are central to the class. Students will also explore how parties act as electioneering organizations and governing bodies at both the national and state levels.

664 Political Behavior (3) This class will investigate the development of political science research into voting and other forms of political participation in American politics. Students

will learn the two predominant forms of research into voting behavior: survey research and economic models and the

differing perspectives on voting turnout, partisanship, and individual vote decisions that they predict.

665 Interest Groups and Lobbying (3) Students will understand the development and the role of American interest groups in a democratic system. Students will also learn the process of lobbying for political influence and the implication of exerting group pressures on politics. Requisites: PR, POLS 101.

670 Workshop in Political Science + (1-3) A short-term, intensive study of a topic, problem, or concept in government, politics, bureaucracy, law, or teaching.

672 Readings in Political Science + (1-3) Directed readings under the supervision of a professor. PERM: permission required.

675 Seminar in Political Science + (0-3) Topics intended for upper-division majors.

676 Apprenticeship in Political Science + (1-3) Directed and supervised experiences in professional problems in political science.

689 Internship in Political Science (1-6) Students who enroll in this class will engage in practical field work in politics such as, but not limited to, working for a political campaign, interning at a law firm, staffing a legislative office, or working in some capacity for a government agency or international organization.

Graduate Credit

776 Apprenticeship in Political Science () Directed and supervised experiences in professional problems in political science.

789 Internship in Public Administration and Management () Graduate level, enrollment only by prior arrangement for field experience with governmental agencies.

805 Global Challenges () The purpose of this course is to provide a graduate level introduction to the seven driving forces of change that are expected to transform the world over the next 25 years. The course will educate and encourage the development of globally competent citizens and leaders, and prepare them to engage in in-depth, graduate-level exploration of each of these areas of revolutionary change. The course is designed to provide students with the knowledge, skills and attitudes to be engaged, responsible and effective members of a globally interdependent society.

850 School Law () The legal principles governing the operation of the school with emphasis on Kansas statutory law and supreme court decisions.

856 Advanced Research Methods in Political Science (3)

This course guides students through advanced scientific method as it relates to providing insight and answers to political questions. Students will learn research design methods and they will apply those methods to collect new and use existing data, conduct statistical analyses, and provide substantive answers to questions related to politics.

863 Political Electioneering Organizations (3) This course investigates the groups that participate in the modern elections process. The role and impact of such groups will be explored as well as the campaign laws that define the relationships between organizations and campaigns.

873 Problems in Political Science + (1-4) Directed research and methodological issues for graduate students.

899 Thesis

* General Education course

+ Course may be repeated

Lab required

PERM: Permission PR: Prerequisites

Department of English and Modern Languages

For updated information, see our website at www.fhsu.edu/english.

The English program offers courses in writing, language, and literature. The study of English forms a cornerstone of a liberal arts education and will help you:

- Become an adaptable thinker, confident in your ability to determine your own path Learn to analyze, express, and understand information at a time when information literacy is an essential skill
- Know how to bring innovation and creativity to the workplace
- Acquire skills that employers are searching for, like critical thinking, creativity, and written/verbal communication

Because these skills are transferable to dozens of fields, earning a degree in English not only lets you explore your interests in writing, language, and literature, but will also give you extraordinary career flexibility

English at FHSU: Whether you focus your coursework on literature, teaching, or writing, studying English gives you the range of skills you'll need to thrive in a career...and in life:

- In-depth classes open your mind to new cultures and ideas through the classics of literature and works by contemporary authors
- You'll develop the ability to think critically, make reasoned decisions, and solve problems
- You'll heighten your ability to communicate verbally and in writing
- You'll hone your curiosity, giving you career agility to succeed in an increasingly complex global workplace and diverse society

Find your passion by planning service-learning projects, working on the award-winning student-run journal *Lines from the Middle of Nowhere*, or tutoring in the Writing Center.

Bachelor of Arts: English (Literature)

Literature Concentration

The **Literature concentration** combines coursework in American, English, and comparative literature. You'll learn to think critically and communicate with clarity while enlarging your experience of being in the world.

Our literary and arts journal *Lines from the Middle of Nowhere* gives you the chance to participate in all stages of the publishing process. You'll also have opportunities to attend conferences and exchange ideas with students across the country.

Program Summary: 120 Credit Hours

English Core Courses: 27 Credit Hours

- ENG 126 Introduction to Literature
- ENG 251 Survey of American Literature I (Fall)
- ENG 252 Survey of American Literature II (Spring)
- ENG 261 Survey of British Literature I (Spring)
- ENG 262 Survey of British Literature II (Fall)
- ENG 307 Introduction to Literary Analysis and Theory (Spring)
- ENG 446 Advanced Composition (Spring)
- ENG 482 English Grammar
- ENG 683 History of the English Language
- ENG 099 Senior Portfolio

Literature Concentration Requirements: 15 Credit Hours; 9 must be at 600 level

- ENG 125 World Literature and the Human Experience
- ENG 325 Ideal Societies in Fiction
- ENG 327 Literature Matters (may take twice)
- ENG 601 Topics in English
- ENG 625 Theories of Literature
- ENG 631 Literature, Sustainability, and the Natural World
- ENG 632 Early British Literature
- ENG 652 Studies in American Literary Periods
- ENG 653 Studies in American Literary Genres
- ENG 654 Major American Authors
- ENG 655 Regional Literature of the US
- ENG 662 Studies in British Literary Periods
- ENG 663 Studies in British Literary Genres
- ENG 664 Major British Authors
- ENG 691 Literature in Translation
- ENG 692 Theme Studies in Literature
- ENG 693 Studies in World Literature
- ENG 694 Studies in Folklore and Mythology
- ENG 695 Comparative Studies in Literature

General and Comparative Literature (one course)

- ENG 625 Theories of Literature
- ENG 691 Literature in Translation
- ENG 692 Theme Studies in Literature
- ENG 693 Studies in World Literature
- ENG 694 Studies in Folklore and Mythology
- ENG 695 Comparative Studies in Literature

Language/Linguistics (one course)

- ENG 482 English Grammar
- ENG 680 Introduction to Linguistic Science
- ENG 683 History of the English Language
- ENG 685 Studies in English Grammar

Modern Language Requirement: 10 credit hours

Bachelor of Arts: English (Teaching)

Teaching Concentration

The Teaching concentration prepares you to develop classroom strategies under the guidance of experienced faculty who have taught extensively in secondary school settings. Through this concentration, you will build upon your engagement with literature, language and linguistics, and writing, applying your skills to teaching methods through core classes such as Young Adult Literature and Techniques of Teaching English. This program of study provides significant content, theory, and instructional techniques and results in two diplomas: Bachelor of Arts in English and Bachelor of Science in Secondary Education.

Through observing secondary school classes, developing connections with professional educators, exploring learning styles and academic standards for teaching, and preparing lesson plans, students in the Teaching concentration develop relevant skills and approaches that account for diverse learning styles and teaching philosophies. Students will also have the opportunity to team teach in a secondary classroom and present lessons prior to student teaching. By design, these varied and practical experiences ensure preparedness for the capstone semester when Teaching concentration students will work with a teacher in an English classroom.

Program of Study: 120 Credit Hours

English Core Courses: 27 Credit Hours

- ENG 126 Introduction to Literature
- ENG 307 Introduction to Literary Analysis and Theory (Spring)
- ENG 251 Survey of American Literature I (Fall)
- ENG 252 Survey of American Literature II (Spring)
- ENG 261 Survey of British Literature I (Spring)
- ENG 262 Survey of British Literature II (Fall)
- ENG 446 Advanced Composition (Fall)
- ENG 099 Senior English Portfolio

Teacher Education Requirements: 10 Credit Hours

- ENG 277 Early Field Experience: English Education
- ENG 415 Techniques of Teaching English (Fall)
- ENG 648 Theories of Rhetoric and Composition (Fall)
- ENG 497 Young Adult Literature (Fall)

Major Electives: 12 Credit Hours

- ENG 125 World Literature and the Human Experience
- ENG 325 Ideal Societies in Fiction
- ENG 327 Literature Matters (may take twice)
- ENG 601 Topics in English
- ENG 625 Theories of Literature
- ENG 631 Literature, Sustainability, and the Natural World
- ENG 632 Early British Literature
- ENG 652 Studies in American Literary Periods
- ENG 653 Studies in American Literary Genres
- ENG 654 Major American Authors
- ENG 655 Regional Literature of the US
- ENG 662 Studies in British Literary Periods
- ENG 663 Studies in British Literary Genres
- ENG 664 Major British Authors
- ENG 691 Literature in Translation
- ENG 692 Theme Studies in Literature
- ENG 693 Studies in World Literature
- ENG 694 Studies in Folklore and Mythology
- ENG 695 Comparative Studies in Literature

Modern Language Requirement: 10 credit hours

Students seeking licensure in the state of Kansas must also complete a second major in Secondary Education.

Bachelor of Arts: English (Writing)

Writing Concentration

The **Writing concentration** gives students the opportunity to practice and reflect upon writing, editing, and reading skills in courses ranging from professional editing to creative writing workshops. Additionally, students can learn about theories of rhetoric, composition, and linguistics, which will complement their developing skills.

Writing concentration classes encourage habits of mind necessary for the craft and processes of writing. You will learn strategies for producing, editing, and publishing your work in several genres. You will learn about situating writing in rhetorical, literary, professional, and community-based contexts. You will critically reflect upon the significance of composing and publishing texts for particular audiences and rhetorical situations. A Writing Internship course helps you put that expertise to work as you write and edit for campus and community organizations. Finally, you will showcase your writing in an electronic portfolio, where you can draw upon the many kinds of writing you have done in your classes.

Under the guidance of experienced professors who are published writers, students will also have the opportunity to contribute to departmental and university publications. All Writing concentration students will work together to write, design, and edit the *Post Parade*, the department's alumni newsletter. Students also have the opportunity to intern with professional publications such as *Fort Hays Studies* and *Teacher-Scholar: The Journal of the State Comprehensive University*. In addition, students may get involved with Fort Hays' literary and arts journal, *Lines from the Middle of Nowhere*.

Program of Study: 120 Credit Hours

English Core Courses: 21 Credit Hours

- ENG 126 Introduction to Literature
- ENG 307 Introduction to Literary Analysis and Theory (Spring)

Choose three (3) of:

- ENG 251 Survey of American Literature I (Fall)
- ENG 252 Survey of American Literature II (Spring)
- ENG 261 Survey of British Literature I (Spring)
- ENG 262 Survey of British Literature II (Fall)

And:

- ENG 446 Advanced Composition (Fall)
- ENG 482 English Grammar
- ENG 683 History of the English Language
- ENG 099 Senior Portfolio

Writing Concentration Requirements: 9 Credit Hours

- ENG 385 Professional Editing (Spring)
- COMM 345 Visual and Creative Design
- ENG 448 Writing Internship (Spring)

Writing Concentration Electives: 12 Credit Hours

English Department Electives

- ENG 146 Introduction to Creative Writing
- ENG 346 Advanced Creative Writing
- ENG 675 Playwriting/Screenwriting
- ENG 603 Technical and Professional Writing
- ENG 447 Community-Based Writing
- ENG 449 Writing for Publication

- ENG 602 Topics in Writing
- ENG 648 Theories of Rhetoric and Composition
- ENG 680 Introduction to Linguistic Science
- ENG 681 Studies in Language and Linguistics
- ENG 685 Studies in English Grammar

Non-English Department Electives (*Optional: May choose one course.*)

- COMM 347 Advertising
- COMM 348 Public Relations
- COMM 620 News Practicum-Reporting and Editing
- HIST 379 Historical Methods
- INT 624 Media Continuity Writing
- INT 625 Electronic Journalism
- SOC 670 Grant Proposal Development
- BCOM 301 Business Communication

Modern Language Requirement: 10 Credit Hours

Minor in English

An English minor complements any program of study because it emphasizes reading, writing, and critical thinking. It marks you as a strong communicator—the number one quality employers in every field look for. The minor requires 21 credit hours of courses (the sequence is not prescribed). Choose courses that meet your needs and interests. ENG 125, 126, and 327 can count toward both the minor and general education requirements, depending on what other general education courses you have taken.

Choose seven courses.

Language/Writing Course Options

- ENG 121 Language Skills in the Professions
- ENG 146 Introduction to Creative Writing
- ENG 346 Advanced Creative Writing (may be taken twice)
- ENG 385 Professional Editing
- ENG 446 Advanced Composition
- ENG 447 Community-Based Writing
- ENG 449 Writing for Publication
- ENG 482 English Grammar
- ENG 602 Topics in Writing (may be taken twice—different topics)
- ENG 603 Technical and Professional Writing
- ENG 675 Playwriting/ Screenwriting
- ENG 680 Introduction to Linguistic Sciences
- ENG 681 Studies in Language and Linguistics
- ENG 683 History of the English Language
- ENG 684 Old English
- ENG 685 Studies in English Grammar

Literature Course Options

- ENG 125 World Literature and the Human Experience
- ENG 126 Introduction to Literature
- ENG 307 Introduction to Literary Analysis and Theory
- ENG 327 Literature Matters
- ENG 251 Survey of American Literature I
- ENG 252 Survey of American Literature II
- ENG 261 Survey of British Literature I
- ENG 262 Survey of British Literature II
- ENG 625 Theories of Literature
- ENG 652 Studies in American Literary Periods
- ENG 653 Studies in American Literary Genres
- ENG 654 Major American Authors
- ENG 655 Regional Literature of the US
- ENG 662 Studies in British Literary Periods
- ENG 663 Studies in British Literary Genres
- ENG 664 Major British Authors
- ENG 691 Literature in Translation
- ENG 692 Theme Studies in Literature
- ENG 693 Studies in World Literature
- ENG 694 Studies in Folklore & Mythology
- ENG 695 Comparative Studies in Literature

Master of Arts: English

For information on earning this degree, please contact the department.

Certificate

The Writing Certificate program will complement any major and will help students develop the written-communication proficiency so valued across the professions. To obtain a Certificate in Writing, students will complete 12 hours of coursework, as outlined below, and submit the “Intent to Complete a Certificate in Writing” form to the department.

Required Course:

ENG 446 – Advanced Composition

Choose three of the following:

ENG 121 – Language Skills in the Profession

ENG 146 – Introduction to Creative Writing

ENG 346 – Advanced Creative Writing

ENG 385 – Professional Editing

ENG 448 – Writing Internship

ENG 449 – Writing for Publication

ENG 602 – Topics in Writing (may be taken multiple times)

ENG 603 – Technical and Professional Writing

ENG 630 – Nature Writing

ENG 675 – Playwriting/Screenwriting

(Students must pass courses with a grade of C or higher. All courses applied toward the certificate must be taken for credit, and none can be counted toward more than one certificate.)

Course Listings - English

Undergraduate Credit

012 Writing Studio (3) The study of basic writing with emphasis on the conventions and processes of academic writing. Students completing this course will have 3 credit hours added to the minimum degree requirements. Requisites: CO; ENG 101.

099 Senior English Portfolio (0) Graduating seniors will submit a portfolio that represents their best work related to their major and concentration as a culminating experience. Pass/No Credit.

100 English for International Students # (3) Prepares students for advanced English language competencies in reading, writing, speaking, and listening through the study of English grammar, mechanics, punctuation, vocabulary, and public speaking. Requisite: CR, ENG 103, English Language Laboratory.

101 English Composition I * (3) Study and application of rhetorical principles of writing with particular emphasis on analyzing and writing expository prose.

102 English Composition II * (3) Study of rhetorical principles of writing with particular emphasis on argumentation and research. Requisites: PR, ENG 101.

103 English Language Laboratory (3) Augments study of advanced English language skills through directed research, writing, and documentation activities, and through individualized tutorials.

121 Language Skills in the Professions (3) A study of fundamental language skills (including vocabulary, spelling, grammar, punctuation, and sentence construction) within the context of modern professional usage.

125 World Literature and the Human Experience* (3) A study of literature as a vehicle for giving enduring form to the perception of universal themes basic to the human condition, such as conformity, rebellion, society, initiation, love, morality, and death.

126 Introduction to Literature (3) A study of the short story, drama, poetry, and the novel as expressions of the human quest for meaning and understanding with emphasis on close reading and critical analysis of literary texts.

146 Introduction to Creative Writing (3) Introductory instruction and practice in various types of writing, such as fiction, poetry, and drama.

251 Survey of American Literature I (3) A survey of American literature from the beginnings to the Civil War. Requisites: PR, ENG 102.

252 Survey of American Literature II (3) A survey of American literature from the Civil War to the present. Requisites: PR, ENG 102.

261 Survey of British Literature I (3) A survey of British literature from Beowulf to the Romantic Period. Requisites: PR, ENG 102.

262 Survey of British Literature II (3) A survey of British literature from the Romantic Period to the present. Requisites: PR, ENG 102.

277 Early Field Experience: English Education (1) Designed to provide students who plan to teach English in middle school or high school with an observation experience. Pass/No Credit.

307 Introduction to Literary Analysis and Theory (3) A study of the principles of literary theory and terminology and their careful application to close reading, analysis, discussion, and written response to the major genres. Requisite: PR, ENG 102.

325 Ideal Societies in Fiction (0) A study of ideal societies as portrayed in fiction with emphasis on the values we place upon such key ideas as concern for environment and natural resources, genetic and behavioral engineering, freedom vs security and control, health care and education, and the role of the arts as we strive to achieve the best possible life we can.

327 Literature Matters* (3) A course in the art of narrative and the ways in which two major fictional forms--the short story and the novel--offer ways of viewing and understanding universal human concerns and experiences.

346 Advanced Creative Writing (3) Advanced instruction and practice in various types of writing, such as fiction, poetry, drama, and biography. Requisites: PR, PERM.

385 Professional Editing (3) This course is designed for students interested in refining their ability to edit their own and others' writing. Students will study copy editing, content editing, and visual editing to prepare their own writing for publication and/or to work as editors. Requisites: PR, ENG 102.

415 Techniques of Teaching English (3) Special attention is devoted to theme evaluation, unit construction, and current techniques and materials available in dealing with students of diverse abilities. Requisites: Admission to Teacher Education required.

446 Advanced Composition (3) Advanced theory and practice in exposition and argumentation, emphasizing polish and style. Requisites: PR, ENG 102.

447 Community-Based Writing (3) Students will study and develop strategies to address different rhetorical situations in the community,

applying professional writing principles and subject area knowledge to nonacademic situations related to their civic, community, and professional interests. Requisites: PR, ENG 102.

448 Writing Internship (3) Students work with community and/or campus agencies to complete writing and/or editing tasks. Specified representatives of the agencies will determine and review students' writing and/or editing projects. Additionally, students will meet regularly as a class with the course instructor to discuss projects, offer progress reports, give presentations, and submit writing assignments. PR, ENG 446.

449 Writing for Publication (3) Students will study diverse avenues and methods of publication, the preparation of their own writing for publication, and publishing the works of others. Students' primary goal will involve submitting their work for publication. Requisites: PR, ENG 446.

482 English Grammar (3) An introduction to English grammar, including parts of speech categories, sentence structures, and morphology. Requisites: PR, ENG 102.

497 Young Adult Literature (3) A study of literature and reading materials suitable for middle school and high school students.

Undergraduate/Graduate Credit

601 Topics in Literature + (1-3) An in-depth study of a particular topic in English not dealt with in the regular curriculum. FHSU Online courses offered under this number count for teacher recertification, or for the BGS or MLS degrees. Requisites: PR, ENG 102 and any introductory literature course.

602 Topics in Writing + (3) An in-depth study of a particular topic in Writing not dealt with in the regular curriculum. FHSU Online courses offered under this number count for teacher recertification, or for the BGS or MLS degrees.

603 Technical and Professional Writing (3) An introduction to technical and professional writing, this course is appropriate for students in all academic disciplines who wish to write with precision. Requisites: PR, ENG 102.

625 Theories of Literature + (3) A study of the most important theories of literature from Aristotle to the present. Requisites: PR, ENG 307

630 Nature Writing (3) Nature Writing traces historical and socio-political origins of the genre, provides research and field study opportunities, and guides students as they write their own reflective, natural history essays. The course provides a venue to explore the ways humans view nature, using writings about the natural world as a catalyst to question the relationship between people and nature. Requisites: PR, any introductory literature course and completion of ENG 102.

631 Literature, Sustainability, and the Natural World (3) Literature, Sustainability, and the Natural World is a study of environmental literature with emphasis on sustainability, the natural world, and the relationship between human action and environmental consequence. Requisites: Any introductory literature course and completion of ENG 102.

632 Early British Novels (3) Focuses on understanding both the history and origins of the English novel by careful reading and study of selected novels of the eighteenth and early nineteenth century by authors such as Samuel Richardson, Henry Fielding, Walter Scott and Jane Austen. Requisites: PR, ENG 102 and completion of any introductory literature course.

648 Theories of Rhetoric and Composition (3) Intensive study of classical and modern theories of rhetoric and the application of these theories to composition practices and pedagogy. Requisites: PR, ENG 102.

652 Studies in American Literary Periods + (3) A study of American literature in selected periods. PR, ENG 307 or PERM.

653 Studies in American Literary Genres + (3) Studies in American Literary Genres. Requisites: PR, ENG 307 or PERM.

654 Major American Authors + (3) A study of selected American authors. PR, ENG 307 or PERM.

655 Regional Literature of the United States + (3) A study of selected American regional literature. PR, ENG 307 or PERM.

656 Writing Conference + (1-3) Directed experience in specific types of writing to be chosen by the students in consultation with the instructor. Requisites: PR, ENG 101 and 102.

662 Studies in British Literary Periods + (3) A study of British literature in selected. Requisites: PR, ENG 307 or PERM.

663 Studies in British Literary Genres + (3) A study of selected British literary genres. Requisites: PR, ENG 307 or PERM.

664 Major British Authors + (3) A study of selected British authors. PR, ENG 307 or PERM.

674 Independent Projects + (1-3) Requisites: PERM of instructor and department chair.

675 Playwriting/Screenwriting + (3) Variable topics providing the opportunity to learn and practice the craft of writing dramatic scripts for the theatre and motion pictures.

676 Apprenticeship in English + (0-3) Course provides practical experience in the teaching and administration of composition and literature. Appropriate subtitle will be added to reflect the specific course substance. Requisites: PERM of department chair.

680 Introduction to Linguistic Science (3) A beginning course in the synchronic and diachronic description and analysis of language. Requisites: PR, ENG 102.

681 Studies in Language and Linguistics + (3) A course in selected approaches to the study of language. Requisites: PR, ENG 102.

683 History of the English Language (3) The history of the English language from the 5th century to the present, including the development of prescriptive and descriptive grammars. Requisites: PR, ENG 102.

684 Old English (3) An introduction to the earliest form of our language. Notable selections of prose and poetry are read in Anglo-Saxon. Emphasis on language.

685 Studies in English Grammar + (3) A study of the various approaches to grammar and usage. Requisites: PR, ENG 101.

686 Second language Teaching and Learning () A study of theories and principles of English language teaching, second language acquisition, and a review of various methods and approaches used in language teaching, leading to an understanding of the learning process.

691 Literature in Translation + (3) A study of literature in English translation. Requisites: PR, ENG 307 or PERM.

692 Theme Studies in Literature + (3) A study of selected social, cultural, and intellectual themes in literature. Requisites: PR, ENG 307.

693 Studies in World Literature (3) A study of selected works from world literature in English or in translation. Requisites: PR, ENG 307.

694 Studies in Folklore and Mythology + (3) A study of folklore or mythology. PR, ENG 307 or PERM.

695 Comparative Studies in Literature + (3) A comparative study in literature that crosses national or geographic boundaries. Requisites: PR, ENG 307 or PERM.

Graduate Credit

793 World Literature () A study of selected works from world literature in English translation.

794 Studies in Folklore and Mythology () A study of folklore or mythology such as: (A) mythology and world literature, (B) American folklore, (C) American folksong and ballad, (D) others.

795 Comparative Studies in Literature () A comparative study in world literature such as: (A) poetry (B) the epic, (C) modern fiction, (D) speculative fiction, and (E) others.

797 Young Adult Literature () A study of literature and reading materials suitable for students of junior and senior age.

810 Graduate Studies in Language and Linguistics + (3) An

intensive study in language and linguistics.

811 Graduate Studies in Composition and Rhetoric + (3) An intensive study in composition and rhetoric.

812 Graduate Studies in Literature + (3) An intensive workshop study in literature.

813 Graduate Studies in English Pedagogy + (3) An intensive study in English pedagogy at the secondary or college level.

826 Approaches to Graduate Studies in English (3) A survey of the major disciplines of graduate study in English and practice in primary research methodologies and genres. Required of graduate students.

874 Culminating Experience (3) This independent study is used for the culminating experience of the Master of Liberal Studies Literary Arts degree. This course IS NOT APPLICABLE for the MA in English degree.

875 Seminar + (3) A seminar study of a selected subject.

876 Apprenticeship English () By appointment course provides practical experience in the teaching and administration of composition and literature.

890 Continuing Graduate Research (0) This is a non-credit course required of all graduate students in the Department of English in the fall term. In this course, students review all requirements for the MA in English and report on their progress, with special emphasis given to research projects.

898 Graduate English Course Paper (0) The English Master of Arts student must submit an approved course paper written to fulfill requirements in a graduate English course, demonstrating graduate-level competence in research and/or critical writing. Pass/No Credit.

899 Thesis (1-6)

Modern Languages Program

For more information, visit the website at www.fhsu.edu/mlng/

Gain an invaluable leading edge and set yourself apart in a global workplace when you graduate with foreign language experience at the tip of your tongue.

Our programs will guide you in exhibiting advanced thinking and a heightened sense of intelligence and culture that can open doors for you in our global business world or international academic settings.

If you have an interest in foreign languages and desire to be exposed to new cultures, a degree in Modern Languages will suit you well. You will be equipped with the skills needed to better understand other cultures.

Empower yourself to explore the language of another country through valuable experiential learning:

- Be prepared to pursue dozens of careers
- Experience fascinating coursework and engage with supportive faculty and staff who have experience traveling all over the world
- Take advantage of **unique extracurricular activities** and **student resources** within a diverse department

Policy. Heritage Speakers of Spanish, German, or French or students with prior experience in these languages should arrange to take an online placement exam through the Department of Modern Languages to determine possible eligibility for advanced standing.

Bachelor of Arts: Modern Languages

COURSE OPTIONS FOR BA IN SPANISH:

Spanish and Teacher Education

This option, offered in conjunction with the Department of Teacher Education, will benefit students who have a passion for foreign language and education. The dual degree allows students to combine their passions for a successful career in the classroom. Students who graduate with a dual-degree in Spanish and Teacher Education are prepared to work as language teachers in elementary or high school.

Program Summary	Credit Hours
University Degree Requirements	55
Core, Electives, & Teacher Ed	72
Total Hours	127

See your advisor for more information on University Degree requirements.

Department Core Requirements (22 Credit Hours)		
Course	Course Name	Credit Hours
MLNG 225	Beginning Spanish I	5
MLNG 226	Beginning Spanish II	5
MLNG 325	Intermediate Spanish I	3
MLNG 326	Intermediate Spanish II	OR
MLNG 327	Intermediate Spanish II - Heritage	3
MLNG 427	Spanish Conversational Skills	3
MLNG 428	Grammar & Composition	3
Civilization Electives (Choose one for 3 credit hours)		
MLNG 623	Spanish Civilization	3
MLNG 624	Latin-American Civilization	3
*Survey Electives (Choose 2, total 6 credit hours)		
MLNG 656	Survey of Spanish Literature I	3
MLNG 657	Survey of Spanish Literature II	3
MLNG 658	Survey of Latin-American Literature	3
Seminar		
MLNG 666	Seminar in Spanish Literature	3
Other Required Courses		
TEEL 202	Foundations of Education	3
TEEL 231	Human Growth & Development	3
MLNG 277	Earl Field Experience: Foreign Language Ed	1
TECS 301	Intro to Instructional Technology	3
TESP 302	Educating Exceptional Students	3
MLNG 410	Foreign Language Teaching Methodology	3
TEEL 431	Educational Psychology	3
TESS 494	The Secondary School Experience	4
TESS 496	Student Teaching Secondary	12
Teaching Internship		
MLNG 687	Teaching Internship - Spanish	3

*Approved Topics Courses

Bachelor of Arts: Modern Languages (Spanish for Specific Purposes)

The Spanish language is indisputably relevant in the United States today. Spanish-speakers comprise a significant part of the population, both nationally and regionally.

Bilingualism has become an in-demand skill for many careers, especially in the healthcare industry. Through course work, internships and study abroad, our Spanish majors gain linguistic and cultural competence and are prepared to enter a globalized workforce.

Below you'll find a list of Core Courses all Spanish majors complete, and the requirements for four separate, specific purposes tracks.

Program Summary	Credit Hours
General Education Requirements	34
Major Requirements	34
Electives	52
Total	120

See your advisor for more information on University Degree requirements and Elective/Specified General Education Courses.

Department Core Requirements (22 Credit Hours)

Course	Course Name	Credit Hours
MLNG 225	Beginning Spanish I	5
MLNG 226	Beginning Spanish II	5
MLNG 325	Intermediate Spanish I	3
MLNG 326	Intermediate Spanish II	OR
MLNG 327	Intermediate Spanish II - Heritage	3
MLNG 427	Spanish Conversational Skills	3
MLNG 428	Grammar & Composition	3

Spanish Upper Division Elective (3 Credit Hours)

You'll choose one from an approved list. See your advisor for more information.

Specific Purposes Tracks (9 Credit Hours)

Choose one track

Track 1 - Spanish for Health Professions

Course	Course Name	Credit Hours
MLNG 451	Medical Spanish I	3
MLNG 452	Medical Spanish II	3
MLNG 453	Medical Spanish Practicum	3

Track 2 - Translating and Interpreting

MLNG 461	Translating and Interpreting I	3
MLNG 462	Translating and Interpreting II	3
MLNG 463	Translating and Interpreting Practicum	3

Track 3 - Spanish for Business

MLNG 471	Business Spanish I	3
MLNG 472	Business Spanish II	3
MLNG 473	Business Spanish Practicum	3

Track 4 - Hispanic Studies

Choose three courses (for a total of 9 credit hours) from an approved list of courses. See your advisor for more information.

Minor in Spanish

Our minor and certificate programs in Spanish add linguistic and cultural skills and knowledge to any major offered at Fort Hays State University. A minor consists of a minimum of 25 credit hours and a certificate consists of 19 credit hours.

Spanish Minor for Specific Purpose Program Requirements

Course	Course Name	Credit Hours
MLNG 225	Beginning Spanish I	5
MLNG 226	Beginning Spanish II	5
MLNG 325	Intermediate Spanish I	3
MLNG 326	Intermediate Spanish II	OR
MLNG 327	Intermediate Spanish II - Heritage	3
MLNG 427	Spanish Conversational Skills	3
MLNG 428	Grammar & Composition	3
Specific Purposes Electives (choose one)		3 credit hours
Spanish for the Health Professions		
MLNG 451	Medical Spanish 1	
Translating and Interpreting		
MLNG 461	Translating and Interpreting I	
Spanish for Business		
MLNG 471	Business Spanish I	
Hispanic Studies		
Choose one from an approved list of courses. See your advisor for more information.		
TOTAL FOR MINOR		25 credit hours

Certificate in Spanish

Certificate Requirements

Course	Course Name	Credit Hours
MLNG 225	Beginning Spanish I	5
MLNG 226	Beginning Spanish II	5
MLNG 325	Intermediate Spanish I	3
MLNG 326	Intermediate Spanish II	OR
MLNG 327	Intermediate Spanish II - Heritage	3
MLNG 428	Grammar & Composition	3
Total Credit Hours		19

Course Listings – Modern Languages

Undergraduate Credit

Foreign Language

112 Great Works in Translation (3) This course is taught in English and all texts are in English translation. A study of major foreign language works that shape the ways people view the world and make their experience of life meaningful. In addition, this course invites students to develop multiple literacies by learning about prominent language groups and international cultures that lie outside of the American English-speaking world. MLNG 112 covers different works and different cultures in different semesters. This course can be taken more than once if studying a different language and its culture's written works, but it can be taken only once for general education credit.

200 Beginning French Language Laboratory (Only) This laboratory is for students needing lab only and have taken the beginning language I course previously or want to continue taking the lab with beginning language II and III.

201 Beginning French I* (5) An introductory course in French. Hearing and speaking are stressed initially, followed by reading and writing. This course is designed for students with no previous knowledge of the French language.

202 Beginning French II (5) A continuation of the introductory course in French. Hearing and speaking are stressed initially, followed by reading and writing. This course is designed for students with the equivalent of one semester of college French. Requisites: PR, MLNG 201 or equivalent.

207 Beginning German Language Laboratory (Only) This laboratory is for students needing lab only and have already taken the beginning language I course previously or want to continue taking the lab with beginning language II and III.

208 Beginning German I* (5) An introductory course in German. Hearing and speaking are stressed initially, followed by reading and writing. This course is designed for students with no previous knowledge of the German language.

209 Beginning German II (5) A continuation of the introductory course in German. Hearing and speaking are stressed initially, followed by reading and writing. This course is designed for students with the equivalent of one semester of college German. Requisites: PR, MLNG 208 or equivalent.

224 Beginning Spanish Language Laboratory (Only) This laboratory is for students needing lab only and have taken the beginning language I course previously or want to continue taking the lab with beginning language II and III.

225 Beginning Spanish I* (5) An introductory course in Spanish. Hearing and speaking are stressed initially, followed by reading and writing. This course is designed for students with no previous knowledge of the Spanish language.

226 Beginning Spanish II (5) A continuation of the introductory course in Spanish. Hearing and speaking are stressed initially, followed by reading and writing. This course is

designed for students with the equivalent of one semester of college Spanish. Requisites: PR, MLNG 225 or equivalent.

231 Beginning Chinese I * (5) A beginning level course in modern Mandarin Chinese for students with little or no prior experience in the language. Students learn basic listening, speaking, reading and writing skills in Mandarin Chinese.

232 Beginning Chinese II (5) A beginning level course in modern Mandarin Chinese which continues to develop basic listening, speaking, reading and writing skills begun in Beginning Chinese I.

277 Early Field Experience: Foreign Language Education (1) Observation and participation experience in a high school under the supervision of a teacher in that school. Pass/No Credit.

308 Intermediate German I (3) Conversation, laboratory drill, and readings constitute a general introduction to German literature.

309 Intermediate German II (3) Conversation and readings constitute a general introduction to German culture. Requisite: CO, MLNG 609.

325 Intermediate Spanish I (3) Conversation, laboratory drill, and readings constitute a general introduction to Spanish literature. Requisites: PR, MLNG 226.

326 Intermediate Spanish II (3) Conversation and readings constitute a general introduction to Spanish culture. Requisites: PR, MLNG 325, CO, MLNG 618.

327 Spanish for Heritage Learners (3) This course is designed specifically for heritage speakers of Spanish with oral proficiency but little or no formal training in the language. The course aims to help heritage language speakers further develop their Spanish language skills, to acquire Spanish literacy skills, and to learn more about their Hispanic cultural heritage. This course will help students enhance their bilingual range by developing a broad command of the language, thus better preparing them for future career opportunities. Requisites: PR, required level score on placement exam administered by the MLNG department.

390 Topics in Foreign Languages + (1-5) An in-depth study of a topic in foreign languages not dealt with in the regular curriculum.

404 French Grammar and Composition Review (3) An intensive grammar review coordinated with composition exercises.

405 French Conversation and Reading I (3) Conversation, laboratory drill, and readings constitute a general introduction to French literature.

406 French Conversation and Reading II (3) Conversation and readings constitute a general introduction to French culture. Requisite: CO, MLNG 601.

410 Foreign Language Teaching Methodology (3) Study of theories of second language acquisition, instructional methods, and the use of instructional technology. Requisites: admission to Teacher Education required; permission of instructor required.

411 German Grammar and Composition Review (3) An intensive grammar review coordinated with composition exercises.

427 Spanish Conversation Skills (3) This course will develop the student's oral and listening skills I Spanish at the low advanced level. Requisites: PR; MLNG 326 or PERM.

428 Spanish Grammar and Composition Review (3) A review of the major points of grammar with strong emphasis on composition and mastery of the Spanish verb. Requisites: PR, MLNG 227.

451 Medical Spanish I (3) An introductory course presenting the medical expressions and terminology related to the relationship between patients and the health professionals in Spanish.

Requisites: PR; MLNG 326 or instructor PERM.

452 Medical Spanish II (3) This course focuses on the acquisition of more advanced medical/health vocabulary and the further advancement of linguistic and cultural competence in the target language.

Requisites: PR; MLNG 427, MLNG 428, MLNG 451.

453 Medical Spanish Practicum (0) This is the capstone course in the Spanish for Health Professions track.

461 Translating and Interpreting I (3) An introductory course in translation for students of Spanish that accommodates students with an advanced level of Spanish.

Requisites: PR; MLNG 326 or instructor PERM.

462 Translating and Interpreting II (3) Designed for students with an advanced level of Spanish. Requisites: PR; MLNG 427, MLNG 428, MLNG 461.

463 Translating and Interpreting Practicum (0) This course provides an opportunity for the practical application of translating and interpreting theories and strategies learned in previous translating and interpreting coursework. It also allows students to utilize and further develop their linguistic training in Spanish in an applied field setting related to other academic coursework and/or a desired future vocation.

471 Business Spanish I (0) This course is designed for students with an advanced level of Spanish. It is the first in a series of three Business Spanish courses offered. It focuses on terminology, issues, and scenarios that are pertinent to the business work in Spanish-speaking countries and the United States. This course is taught in Spanish and will ask students to rely on and further develop their interpersonal, presentational, and interpretive modes of communication. In addition to continuing to develop their linguistic repertoires, students will garner a greater understanding of intercultural competency by considering sociocultural and sociolinguistic issues relevant to fostering business connections across cultures.

472 Business Spanish II (0) This course is designed for students with an advanced level of Spanish. It is the second in a series of three Business Spanish courses offered. It focuses on terminology, issues and scenarios that are pertinent to the business world in Spanish-speaking countries and the United

States. This course is taught in Spanish and will ask students to rely on and further develop their interpersonal, presentational, and interpretive modes of communication. In addition to continuing to develop their linguistic repertoires, students will garner a greater understanding of intercultural competency by considering sociocultural and sociolinguistic issues relevant to fostering business connections across cultures.

473 Business Spanish Practicum (0) This course provides an opportunity for the practical application of knowledge acquired in the first two courses of the Business Spanish course sequence. It also allows students to utilize and further develop their linguistic training in Spanish in an applied field setting related to other academic coursework and/or a desired future vocation.

Undergraduate/Graduate Credit

601 Advanced French Conversation (3) Progressive development of structured and free conversation.

Requisites: PR or co- requisite, MLNG 406.

602 Advanced French Grammar and Composition (2) Study of more advanced grammar, together with structured and free composition. Requisites: PR, MLNG 404 or equivalent.

605 French Civilization (3) A study of the culture and civilization of France from its origin to the present, as revealed in history, literature, and fine arts. Requisites: PR, MLNG 406.

609 Advanced German Conversation (3) Progressive development of structured and free conversation.

Requisites: CO, MLNG 309.

610 Advanced German Grammar and Composition (2) Study of more advanced grammar, together with structured and free composition. Requisites: PR, MLNG 411 or equivalent.

612 German Civilization (3) The culture, customs, and civilization of Germany from its origin to the present with a view to developing a better understanding of the people.

Requisites: PR, MLNG 309

618 Advanced Spanish Conversation (3) Progressive development of structured and free conversation. Requisites: CO, 326.

621 Advanced Spanish Grammar and Composition (2) Further intensive review with emphasis on the study of more advanced grammar together with structured composition.

Requisites: PR, MLNG 428 or equivalent.

623 Spanish Civilization (3) The culture and civilization of Spain from its origin to the present as revealed in history, literature, and the fine arts. Requisites: PR, MLNG 326.

624 Latin-American Civilization (3) A study of the customs, culture, and manners of Spanish America with a view to developing an understanding of the people and their attitudes.

Requisites: PR, MLNG 326.

630 Introduction to Hispanic Linguistics (0) Linguistics is the scientific study of language and is concerned with describing the rule-governed

structures of languages. This course establishes the basis for the application of linguistic principles and provides an overview of linguistic rules with a focus on Spanish.

652 Survey of French Literature I (3) Study of French literature from the Middle Ages to 1800. Requisites: PR, MLNG 405 or MLNG 406.

653 Survey of French Literature II (3) Study of French literature from 1800 to the present. Requisites: PR, MLNG 405 or MLNG 406.

654 Survey of German Literature I (3) Study of German literature from the beginnings to 1800. Requisites: PR, MLNG 308 or MLNG 309.

655 Survey of German Literature II (3) Study of German literature from 1800 to the present. Requisites: PR, MLNG 308 or MLNG 309.

656 Survey of Spanish Literature I (3) A survey of Spanish peninsular literature from its origin through such Golden Age authors as Cervantes. Requisites: PR, MLNG 325 or MLNG 326

657 Survey of Spanish Literature II (3) A survey of Spanish peninsular literature of the 18th, 19th, and 20th centuries. Requisites: PR, MLNG 325 or MLNG 326.

658 Survey of Latin-American Literature (3) A survey of Latin- American literature from colonial times to the present. Requisites: PR, MLNG 325 or MLNG 326.

664 Seminar in French Literature + (3) Detailed study of a movement, genre, or author. Requisites: PR, MLNG 652 or MLNG 653.

665 Seminar in German Literature + (3) Detailed study of a movement, genre, or author. Requisites: PR, MLNG 654 or MLNG 655.

666 Seminar in Spanish Literature + (3) Detailed study of a movement, genre, or author. Requisites: PR, MLNG 656 or MLNG 657 or MLNG 658.

668 Field Studies in Foreign Languages (1-6) Participation in an approved study abroad program in countries where the languages in the program are spoken. Requisites: PR, PERM of department chair prior to participation.

670 Workshop in Modern Languages + (1-3) Intensive, short-term courses in modern language, literature, culture, or modern language pedagogy. Requisite: PERM.

672 Independent Study in French + (1-3) Special studies designed to meet the needs of individual, advanced students. Requisites: PERM.

673 Readings in French (1-3) Special studies designed to meet the needs of individual, advanced students.

674 Independent Project--Spanish + (1-3) Requisites: PERM.

676 Teaching Internship--French + (1-3) Practical experience in classroom procedures, including tutorial activities. Requisites: PERM of department chair.

679 Readings in German + (1-3) Special studies designed to meet the needs of individual, advanced students. Requisites: PERM.

680 Independent Study in German + (1-3) Special studies designed to meet the needs of individual, advanced students. Requisites: PERM.

681 Teaching Internship--German + (1-3) Practical experience in classroom procedures, including tutorial duties. Requisites: PERM of department chair.

685 Readings in Spanish (1-3) Special studies designed to meet the needs of individual, advanced students.

686 Independent Study in Spanish + (1-3) Special studies designed to meet the needs of individual, advanced students. Requisites: PERM.

687 Teaching Internship--Spanish + (1-3) Practical experience in classroom procedure, including tutorial activities. Requisites: PERM of department chair.

Graduate Credit

781 Teaching Internship – German () Practical experience in classroom procedures, including tutorial duties.

787 Teaching Internship – Spanish () Practical experience in classroom procedures, including tutorial duties.

831 Structure of English for Second Language Purposes (3) This course explores the complexities of spelling and word formation, grammatical structure, and semantic relations in Modern English. Students cover the historical origins of these complexities in structure. And various approaches to grammatical analysis are covered, but the emphasis is on developing the practical foundations necessary for effective teaching for second language acquisition, rather than on theoretical models. Requisites: PR, GRAD standing and MLNG 830.

832 Reading, Writing and Speaking for ESL & EFL (3) A focused and in-depth study of theories of how we read, write and speak, as well as the instruction of these skills. The major focus is on practical approaches to teaching reading, writing, and speaking skills to varied student populations, including children in public schools, young adults in pre-academic learning environments, and literacy-challenged adults in adult education programs. Requisite: PR, GRAD standing and MLNG 830.

840 Linguistics for Educators (3) A study of language education with emphasis on current linguistic trends and theories, especially as they apply to second language acquisition teaching. This course provides foundations for further study in linguistics and methodology of language teaching.

Department of History and Philosophy

For more information on the history program, [visit www.fhsu.edu/ history/](http://www.fhsu.edu/history/)

Historians explore people and societies to see how and why they developed in the ways they did, and fearlessly drop their assumptions to interpret the causes and effects surrounding the cultures they study. Since they demonstrate extraordinary critical thinking skills and passionate inquiry, history majors are extremely attractive to future employers and find careers in a variety of fields.

You can be **one of these dedicated, determined historians with a great future and an incredible story.**

The online or on campus programs emphasize a worldview of human development and prepare students for the world beyond college. In addition to taking fascinating, in-depth courses, you will gain the practical skills of critical thinking, analysis, tolerance, objectivity, research and communication to make you a well-rounded graduate ready to excel in a career or post-graduate studies.

Bachelor of Arts: History

Non-Teaching - KSWT General Education (34 Hours) ****Starts Fall 2023****

University Degree Requirements

- **Freshman Seminar (1 Credit Hour)**
UNIV 101
- **English Discipline Area (6 Credit Hours)**
ENG 101 English Composition I
ENG 012 Writing Studio (if necessary with ENG 101)
ENG 102 English Composition II (ENG 101 pre-req)
- **Communication Discipline Area (3 Credit Hours)**
- **Math and Stats Discipline Area (3 Credit Hours)**
- **Natural and Physical Sciences Discipline Area (3 Credit Hour Course + 1 Credit Hour lab)**
- **Social Behavioral Sciences Discipline Area (6 Credit Hours)**
- **Arts and Humanities Discipline Area (6 Credit Hours)**
- **Institutionally Designated Area 1 (3 Credit Hours) - Personal and Professional Development**
- **Institutionally Designated Area 2 (3 Credit Hours) - Critical Thinking**

HISTORY B.A. PROGRAM REQUIREMENTS (46 Hours)

History Introductory Courses (13 Hours) Proficiency in the following must be demonstrated by either completing each of the courses or achieving a score of at least 85% on each of the Department's History Proficiency Examinations. Arrangements for taking the Proficiency Examinations must be made during the first week of the semester. Contact the Department Chair for more information and scheduling the exams.

HIST 100 Orientation to History (1 Credit Hour)
HIST 110 World Civilization to 1500 (3 Credit Hours)
HIST 111 Modern World Civilization (3 Credit Hours)
HIST 130 United States History to 1877 (3 Credit Hours)
HIST 131 United States History Since 1877 (3 Credit Hours)

History Pre-Requisite For All 600 Level History Courses

HIST 379 Historical Methods (3 Credit Hours)

U.S. Electives – Upper Division (12 Hours)

European Electives – Upper Division (9 Hours)

World Electives (Latin America, Mideast, Far East, or Africa) – Upper Division (9 Hours)

Seminar

HIST 675 Seminar in History (3 Credit Hours)*

*Can be substituted for one U.S., European, or World History Upper Division elective.

College of Arts, Humanities, and Social Sciences – Requirement for all B.A. Degrees MODERN LANGUAGES (10 Hours Required in 1 Modern Language)

University Graduation Requirement SENIOR-LEVEL WRITTEN COMMUNICATION and Information Literacy Totals

KSWT General Education - 34 total hours

History B.A. - 46 total hours

Additional FHSU and CAHSS BA Requirements - 11 total hours

Free Elective Hours to Reach 120 Total Hours - 29-31 total hours

Total Hours for History BA - 120 total hours

Possible US Electives

HIST 373 – American Military History

HIST 377 – Approaches to US History

HIST 602 – Intro to Public History

HIST 604 – Am. Civil Rights Movement

HIST 631 – History of Kansas

HIST 632 – Constitutional History of U.S.
HIST 633 – The American South
HIST 635 – The American West
HIST 636 – The American Southwest
HIST 637 – Chicanos: Hist Mex-American
HIST 642 – Col and Rev America
HIST 643 – Early American Republic
HIST 644 – The Era of the Civil War
HIST 645 – Am. Diplomatic History to 1914
HIST 646 – Am. Diplomatic History since 1914
HIST 647 – Rise Mod Am 1877-1919
HIST 648 – Contemporary America
HIST 649 – Indian in Am History
HIST 650 – African-Am. History
HIST 651 – Women in Am History

Possible European Electives

HIST 606 – History of Science
HIST 607 – History of World Technology
HIST 608 – History of Christianity
HIST 609 – Religion, Heresy, Magic, Myth
HIST 611 – The Classical World
HIST 613 – England to 1688
HIST 614 – Mod Brit, Empire, & Commonwealth
HIST 615 – Tudor and Stuart Eng
HIST 616 – Hist of Ideas to 1500
HIST 617 – Hist of Ideas: 1500-Pres
HIST 618 – German History
HIST 619 – Southeastern Europe
HIST 623 – Middle Ages
HIST 624 – Renaissance & Reformation
HIST 625 – Early Mod Euro - French Revolution
HIST 626 – Russia to 1917
HIST 627 – The Soviet Union
HIST 628 – 19th Century Europe
HIST 629 – Europe Since 1914

Possible World Electives

HIST 350 – Latin American Civ
HIST 360 – Asian Civilization
HIST 374 – The Second World War
HIST 375 – LGBTQ+ World History
HIST 378 – Approaches to World History
HIST 380 – African Civilization
HIST 390 – Middle Eastern Civ
HIST 607 – History of World Technology
HIST 652 – Colonial Latin America
HIST 653 – Mod Lat Am 1810-Pres
HIST 654 – Mexico HIST 660 - Modern Far East
HIST 692 - Modern Middle East
*HIST 810 – 20th C World 1900-1950
*HIST 811 – 20th C World 1950-2000
*HIST 879 – Historiography

*Requires Instructor Permission and Typically Reserved for Graduate Study

Bachelor of Arts: History (Secondary Education)

KSWT General Education (34 Hours) **Starts Fall 2023**

University Degree Requirements

- **Freshman Seminar (1 Credit Hour)**
UNIV 101
- **English Discipline Area (6 Credit Hours)**
ENG 101 English Composition I
ENG 012 Writing Studio (if necessary with ENG 101)
ENG 102 English Composition II (ENG 101 pre-req)
- **Communication Discipline Area (3 Credit Hours)**
- **Mathematics and Statistics Discipline Area (3 Credit Hours)**
- **Natural and Physical Sciences Discipline Area (3 Credit Hour Course + 1 Credit Hour lab)**
- **Social Behavioral Sciences Discipline Area (6 Credit Hours)**
- **Arts and Humanities Discipline Area (6 Credit Hours)**
- **Institutionally Designated Area 1 (3 Credit Hours)**
- **Institutionally Designated Area 2 (3 Credit Hours)**

HISTORY B.A. PROGRAM REQUIREMENTS (46 Hours)

History Introductory Courses (13 Hours) Proficiency in the following must be demonstrated by either completing each of the courses or achieving a score of at least 85% on each of the Department's History Proficiency Examinations. Arrangements for taking the Proficiency Examinations must be made during the first week of the semester. Contact the Department Chair for more information and scheduling the exams.

HIST 100 Orientation to History (1 Credit Hour)
HIST 110 World Civilization to 1500 (3 Credit Hours)
HIST 111 Modern World Civilization (3 Credit Hours)
HIST 130 United States History to 1877 (3 Credit Hours)
HIST 131 United States History Since 1877 (3 Credit Hours)

History Pre-Requisite For All 600 Level History Courses

HIST 379 Historical Methods (3 Credit Hours)

U.S. Electives – Upper Division (12 Hours)

HIST 631 History of Kansas (3 Credit Hours)

European Electives – Upper Division (9 Hours)

World Electives (Latin America, Mideast, Far East, or Africa) – Upper Division (9 Hours)

Seminar

HIST 675 Seminar in History (3 Credit Hours)*

*Can be substituted for one U.S., European, or World History Upper Division elective.

College of Arts, Humanities, and Social Sciences – Requirement for all B.A. Degrees MODERN LANGUAGES (10 Hours Required in 1 Modern Language)

Additional History-Secondary Education Requirements (19-28 Hours)

†ECON 202 Macro-Economics (if not taken under gen-eds)

†GSCI 110 World Geography (if not taken under gen-eds)

†MATH 110** College Algebra (if not taken under gen-eds)

†MATH 250*** Elements of Statistics (if not taken under gen-eds)

†POLS 101 American Government (only need to take once)

†POLS 103 State and Local Government

†POLS 230 Introduction to International Relations

†SOC 140 Understanding Society (if not taken under gen-eds)

†HIST 277 Early Field Experience: Social Studies Education (1 Hour) Offered fall and spring semesters only

†HIST 479*** Methods of Teaching Secondary Social Studies (3 Hours) Student must be admitted to Teacher Education before enrolling. Fall only offering.

University Graduation Requirement SENIOR-LEVEL WRITTEN COMMUNICATION and Information Literacy

History BA program recommends HIST 675-Seminar as it is also a program requirement

Education Course Requirements for History-Secondary Education BA (31 Hrs)

†TEEL 202*** Foundations of Education

†TEEL 231*** Human Growth and Development

†TECS 301*** Introduction to Instructional Technology

†TESP 302*** Educating Exceptional Students Students must be admitted to Teacher Education before enrolling in the courses below.

†TEEL 431*** Educational Psychology

†TESS 494*** The Secondary School Experience (4 Hours)

†TESS 496*** & †TEEL 675*** Student Teaching (11 Hours) & Seminar in Ed I: Student Teaching Portfolio (1 Hour)⁰⁰⁰

****MUST BE COMPLETED WITH A GRADE OF “B” OR BETTER FOR TEACHER EDUCATION ADMISSION ***MUST BE COMPLETED WITH A GRADE OF “C” OR BETTER FOR TEACHER EDUCATION ADMISSION Minimum GPA of 2.75 or 2.75 on last 60 hours to apply to Teacher Education † DESIGNATES COURSES THAT APPLY TO SECONDARY EDUCATION B.S. PROGRAM (HISTORY)⁰⁰⁰SUCCESSFUL COMPLETION OF TEEL 675 (PPAT) IS REQUIRED FOR SECONDARY EDUCATION BS PROGRAM COMPLETION**

ALL MAJORS MUST HAVE: 45 total hours of upper-division coursework (300 or higher course number at FHSU)

30 total hours from FHSU

For 2nd Major Degree – minimum 30 hours in program

For Minor – minimum of 21 hours in program

KSWT General Education - 34 total hours

History BA - 43-46 total hours

FHSU and CAHSS BA Requirements - 11 total hours

Additional Courses for History-Secondary Education - 19-28 total hours

Secondary Education Core - 19 total hours

Student Teaching - 12 total hours

Total Hours for History – Secondary Education -138-150 total hours

Possible US Electives

HIST 373 – American Military Hist

HIST 377 – Approaches to US Hist

HIST 602 – Intro to Public Hist

HIST 604 – Am. Civil Rights Movement

HIST 631 – History of Kansas

HIST 632 – Constitutional History of U.S.

HIST 633 – The American South

HIST 635 – The American West

HIST 636 – The Am Southwest

HIST 637 – Chicanos: Hist Mex-Am

HIST 642 – Col And Rev America

HIST 643 – Early American Republic

HIST 644 – The Era of the Civil War

HIST 645 – Am. Diplomatic History to 1914

HIST 646 – Am. Diplomatic History since 1914

HIST 647 – Rise Mod Am 1877-1919

HIST 648 – Contemporary America HIST 649 – Indian in Am Hist

HIST 650 – African-Am History HIST 651 – Women in Am Hist

Possible European Electives

HIST 606 – History of Science

HIST 607 – History of World Technology

HIST 608 – History of Christianity

HIST 609 – Religion, Heresy, Magic, Myth

HIST 611 – The Classical World

HIST 613 – England to 1688

HIST 614 – Mod Brit, Empire, & Commonwealth

HIST 615 – Tudor and Stuart Eng

HIST 616 – Hist of Ideas to 1500

HIST 617 – Hist of Ideas: 1500-Pres

HIST 618 – German History

HIST 619 – Southeastern Europe

HIST 623 – Middle Ages

HIST 624 – Renaissance & Reformation
HIST 625 – Early Mod Euro - Fr Revolution
HIST 626 – Russia to 1917
HIST 627 – The Soviet Union
HIST 628 – 19th Century Europe
HIST 629 – Europe Since 1914

Possible World Electives

HIST 350 – Latin American Civ
HIST 360 – Asian Civilization
HIST 374 – The Second World War
HIST 375 – LGBTQ+ World History
HIST 378 – Approach to World Hist
HIST 380 – African Civilization
HIST 390 – Middle Eastern Civ
HIST 652 – Col Latin America
HIST 653 – Mod Lat Am 1810-Pres
HIST 654 – Mexico HIST 660 - Modern Far East
HIST 692 - Modern Middle East
*HIST 810 – 20th C World 1900-1950
*HIST 811 – 20th C World 1950-2000
*HIST 879 – Historiography

Master of Arts: History

Master of Arts in History with Thesis

Available on campus or online after completing nine hours of courses in the graduate programs and acceptance by the Thesis committee.

1. Total of 30 hours of course work at the 600 level or above
2. HIST 889 Graduate Historical Methods is required for the program.
3. One (1) seminar (Hist. 675), approved by the Graduate Advisor, in which the student will write a major research paper.
 - o To remain in this program the student must pass the seminar with a grade of A or B. Any changes to this requirement must be approved by the Graduate Advisor and the Graduate Committee.
4. Historiography (Hist 879) - 3 credit hours
5. Electives in history: 18 credit hours
 - o No more than 6 hours of Readings, Independent Study or Workshop courses.
 - o Readings and Independent Study may only be taken in areas in where the student has had adequate prior preparation such as a lecture course in the area.
 - o All courses of this nature require approval of the Graduate Advisor.
6. Satisfactory performance on the Comprehensive Examination
 - o The Comprehensive Examination shall be a four-hour written exam taken when the student has finished required coursework. The Graduate Advisor will determine the date.
 - o A committee chosen from those faculty members from whom the student has taken graduate courses will determine the nature of the questions. The Graduate Advisor will serve as chair of the committee.
 - o The examination will be written.
 - o If a student receives passing marks on a majority of the examination questions, the Graduate Advisor will notify the Graduate School of successful completion

Master of Arts in History without Thesis

Total of 30 credit hours in History at the 600 level or higher.

1. HIST 889 Graduate Historical Methods as requirement of program.
2. Historiography (Hist 879) - 3 credit hours
3. **Two** seminars - 6 credit hours - in which the student will write major research papers. The student must pass with a grade of A or B.
4. Electives in History - 21 credit hours
5. Satisfactory performance on the Written Comprehensive Exam as outlined in #6 of the [Thesis option](#), except that exam length shall be 8 hours.
6. Any exceptions to the requirements must be approved by the department Chair.

Master of Arts in Public History with Thesis

Available on campus or online after completing nine credit hours of the graduate program and acceptance by the department's Thesis committee.

1. A total of 30 hours of course work at the 600 level or above.
2. HIST 889 Graduate Historical Methods is required for the program.
3. One (1) seminar (Hist. 675), in which the student will write a major research paper.
To remain in this program the student must pass the seminar with a grade of A or B. Any changes to this requirement must be approved by the Graduate Advisor and the Graduate Committee.
4. Historiography (Hist 879) - 3 credit hours.
5. Electives in Public History: 6 credit hours
Electives in History: 3 credit hours
 - No more than 6 hours of Readings, Independent Study or Workshop courses.
 - Readings and Independent Study may only be taken in areas where the student has had adequate prior preparation such as a lecture course in the area.
 - All courses of this nature require the approval of the Graduate Advisor and Department Chair.
6. Satisfactory performance on the Comprehensive Examination
 - The Comprehensive Examination shall be a four-hour written exam taken when the student has finished the required coursework. The Graduate Advisor will determine the date.
 - A committee chosen from those faculty members from whom the student has taken graduate courses will determine the nature of the questions. The Graduate Advisor will serve as chair of the committee.
 - The examination will be written.
 - If a student receives passing marks on a majority of the examination questions, the Graduate Advisor will notify the Graduate School of successful completion.

PUBLIC HISTORY MA Course Checklist -Thesis Option

Any exceptions to the requirements must be approved by the department Chair.

HIST 601-Topics Topics in Public History: Museum Studies 3 hours

HIST 602 Introduction to Public History 3 hours

HIST 675-G Seminar Seminar topics vary 3 hours

HIST 879 Historiography 3 hours

HIST 889 * Graduate Historical Methods 3 hours

HIST 899 Thesis 6 hours

ELECTIVES HIST 600-level PH electives Note: 600-level PH Electives include Archives, Topics in Public History, and Apprenticeship 6 hours

ELECTIVES ** HIST 600-level Note: 600-level History courses are considered electives 3 hours

TOTAL 30

*Must be taken first semester.

**Public History students may take additional Public History courses for credit as History electives.

Master of Arts in Public History without Thesis

Available on campus or online after completing nine credit hours of the graduate program and acceptance by the department's Thesis committee.

1. A total of 30 hours of course work at the 600 level or above.

2. HIST 889 Graduate Historical Methods is required for the program.
3. Two seminars – 6 credit hours - in which the student will write a major research paper. To remain in this program the student must pass the seminar with a grade of A or B.
4. Historiography (Hist 879) - 3 credit hours.
5. Electives in Public History: 6 credit hours
Electives in History: 6 credit hours
6. Satisfactory performance on the Comprehensive Examination
 - The Comprehensive Examination shall be a eight-hour written exam taken when the student has finished the required coursework. The Graduate Advisor will determine the date.
 - A committee chosen from those faculty members from whom the student has taken graduate courses will determine the nature of the questions. The Graduate Advisor will serve as chair of the committee.
 - The examination will be written.
 - If a student receives passing marks on a majority of the examination questions, the Graduate Advisor will notify the Graduate School of successful completion.

PUBLIC HISTORY MA Course Checklist -Non-Thesis Option

Any exceptions to the requirements must be approved by the department Chair.

HIST 601-Topics - Topics in Public History: Museum Studies -3 hours

HIST 602 Introduction to Public History - 3 hours

HIST 675-G Seminar – Two 3-hour Seminars/topics vary

HIST 879 Historiography -3 hours

HIST 889 * Graduate Historical Methods -3 hours

HIST 899 Thesis -6 hours

ELECTIVES

HIST 600-level PH electives Note: 600-level PH Electives include Archives, Topics in Public History, and Apprenticeship 6 hours

ELECTIVES ** HIST 600-level Note: 600-level History courses are considered electives 3 hours

TOTAL 30

*Must be taken first semester.

**Public History students may take additional Public History courses for credit as History electives.

Minor in History

Available on campus or online.

1. HIST 110 World Civilization To 1500 (3 Credit Hours)
2. HIST 111 Modern World Civilization (3 Credit Hours)
3. HIST 130 United States History To 1877 (3 Credit Hours)
4. HIST 131 United States History Since 1877 (3 Credit Hours)
5. HIST 379 Historical Methods (3 Credit Hours) - must be completed before taking any 600 level courses.
6. History Electives, upper division (6 Credit Hours)

Total: 21 Credit Hours

Certificate

Global Studies Certificate

The Global Studies Certificate will provide undergraduate students with a rigorous interdisciplinary education in issues that are a part of today's globalized world. This certificate will prepare students as ethical, conscious, and civically engaged global citizens. Students will be equipped with skills and knowledge to join an increasingly globalized workforce and the global community. As a part of this increasingly globalized community, Students will learn to appreciate the diverse, dynamic and interconnected nature of today's world.

[Global Certificate Studies flyer \(PDF\)](#)

Why A Global Studies Certificate?

- Think Globally, Contribute Locally
- Develop Global Awareness
- Become an Interdisciplinary Scholar
- Study Abroad/Internship Opportunities
- Prepare to Join a Global Workforce

Program of Study

To meet the Global Studies Certificate qualifications, students must complete 12 credit hours in global studies courses.

Global Studies Certificate		
Course No.	Course Name	Cr. Hours
Required Courses (6 credit hours)		
HIST 111	Modern World Civilizations / World History (Global Edition)	3
GSCI 110	World Geography	3
OR		
HIST 110	World Civilizations to 1500	3
OR		
ENG 125	World Literature and the Human Experience	3
Study Abroad Experience OR approved alternative		
<ul style="list-style-type: none"> • Travel abroad as part of a course or an individual plan of study • “Near abroad” travel as part of a course • Virtual internship/experience with a non-American entity • Verified virtual language exchange 		

Elective Courses (6 credit hours)

There are many interdisciplinary course options available. A full list is available in the [Global Studies Certificate checklist \(PDF\)](#) or [contact us](#) to find out more!

Course Listings – History

Undergraduate Credit

099 Senior Assessment (0) Graduating seniors in the department must enroll in this course during the final semester of their program. Course requires students to a) complete a no-credit, no-fault content assessment exam, b) complete an exit survey, and c) participate in an exit interview with the department chair or chair-appointed faculty member. Requisites: PR, Final Semester of Program.

100 Orientation to History (1) This course is an introductory course for history majors which introduces students to the fundamental concepts, activities, and approaches to the historical profession. This course is intended to provide a rationale for the study of history, as well as practices that will help students to integrate knowledge, meaning, and interpretations.

110 World Civilization To 1500* (3) An introductory survey of the major political, economic, social, and cultural developments in world civilizations from their beginnings in the river valleys of the ancient Near East and Asia to the 16th century.

111 Modern World Civilization* (3) An introductory survey of the major political, economic, social, and cultural developments in world civilization from approximately 1500 C.E. to the modern day.

130 United States History To 1877* (3) An introductory survey of the major political, economic, social, and cultural developments in United States history to 1877.

131 United States History Since 1877* (3) An introductory survey of the major political, economic, social, and cultural developments in United States history since 1877.

277 Early Field Experiences: Social Studies Education (1) Designed to provide prospective teachers of social studies at the secondary level with an observation and participation experience. Requisites: Pass/No Credit; PERM.

300 Topics in History—Undergraduates (3) Courses may cover a single broad development or one important event. Title indicates study and emphasis in schedule of classes. Course level is specifically for undergraduate students.

350 Latin American Civilization (3) A study of the pre-Columbian civilizations of the new world, the Spanish and Portuguese civilizations which conquered them, and the compromise civilizations which emerged.

360 Asian Civilization (3) A survey of traditional civilizations of China, Japan, and India, emphasizing religious and social developments.

373 American Military History (3) A survey of American military history which emphasizes the relationship between the military and non-military sectors of society.

374 The Second World War (3) A study of the major military, political, and diplomatic aspects of the Second World War, with emphasis on the impact of the war on civilian populations, on the changing nature of warfare, and on the ideological aspects of the conflict.

375 LGBTQ World History (0) A social history of lesbian, gay, bisexual, transgender, and queer identities throughout the world from the ancient to the present.

377 Approaches to U.S. History (3) A chronological and topical survey of critical aspects of United States history. Building on basic knowledge acquired in the two U.S. History surveys, students will develop comprehensive critical thinking and writing skills through the use of primary documents and independent research projects. Requisites: PR, HIST 130 and HIST 131.

378 Approaches to World History (3) A chronological and topical survey of critical aspects of world history. Building on basic knowledge acquired in the two world history surveys, students will develop comprehensive critical thinking and writing skills through the use of primary documents and independent research projects. Requisites: PR, HIST 130 and HIST 131.

379 Historical Methods (3) Acquaints students of history with major philosophical concepts and problems underlying their discipline and directs them through the steps of historical research methods to the final product of publication. Required of majors.

380 African Civilization (3) A survey of African civilizations from earliest times to the rise of an independent Africa. Stress is placed on social institutions, culture, and regionalism.

390 Middle Eastern Civilization (3) A survey of the history of the Muslim Middle East from Muhammad to the rise of the Ottoman Empire.

479 Methods of Teaching Secondary Social Studies (3) Must be taken prior to secondary teaching block. Examines methods, materials, and problems of teaching history, sociology, political science, geography, and economics. Requisites: admission to Teacher Education required; PR, major in one of the social sciences or PERM.

Undergraduate/Graduate Credit

600 Topics in History + (1-3) Courses may cover a single broad development or one important event. Title indicates study and emphasis in schedule of classes.

601 Topics in Public History (1-3) Courses cover a single broad aspect of public history or some single important issue in the field. Title indicates study and emphasis in schedule of classes. Requisites: PR, PERM.

602 Introduction to Public History (3) This course will introduce students to the various components included in the field of public history. Museums, public monuments, archives, historical societies, library work, and oral history are subjects covered in this course. Requisites: PERM.

604 The American Civil Rights Movement (3) A chronological and topical survey of the African-American Civil Rights Movement

between 1954 and 1983. Although the course focuses primarily on the post-World War II civil rights agenda, it will also explore this agenda within a broader historical framework spanning the breadth of U.S. History. Requisites: PR, Undergraduates: Sophomore Status; Graduates: Graduate Status.

605 Introduction to Archives () An introduction to the selection, appraisal, arrangement, description, managing and preserving of archives and manuscripts. Archival ethics and digital archives are briefly covered. Particular attention will be on the arrangement and description.

606 History of Science (3) A survey of the rise of Western scientific thought from classical Greece to the present. Emphasis is placed on the “Scientific Revolution” and its aftermath.

607 History of World Technology (3) A study of the different ways in which technological change affects and is affected by politics, economics and society in different parts of the world from prehistory to the present. This can include the relationships between institutions and technology, beliefs and technology, labor and technology, science and technology, and the technological dialogue that occurs between civilizations.

608 History of Christianity (3) A study of the origins and development of Christianity, emphasizing the ancient background, the relationship between faith and reason, and the place of the church in society.

609 Religion, Heresy, Magic, and Myth (3) A historical investigation of mysticism, folk beliefs, esoteric outlooks, and ancient mysteries as seen in their cultural contexts.

611 The Classical World (3) An examination of the rise and development of the classical civilizations of Greece and Rome, focusing on their political history and their social, political, and cultural evolution. The course will cover the period from the first Greek civilizations to the decline of the Roman Empire.

613 England to 1688 (3) A study of England and the British Empire, from about 55 B.C. to 1688. Emphasis is placed on the development of major English institutions, e.g., Parliament and the common law.

614 Modern Britain, the Empire, and the Commonwealth (3) Beginning with 1688 and ending with the welfare state in post-war Britain, the empire, dominions, and commonwealth receive special attention.

615 Tudor and Stuart England () A detailed examination of the major constitutional, political, legal, economic, religious, social, and imperial institutions in England from 1485 to 1688.

616 History of Ideas to 1500 (3) An exploration of the most important ideas in philosophy, religion, politics, society, science, literature, and art of the major civilizations of the world from the beginning to 1500.

617 History of Ideas: 1500 to Present (3) An exploration of the most important ideas in philosophy, religion, politics, society, science, literature, and art of the major civilizations of the world from the 1500 to the present.

618 German History (3) A survey of political, economic, social, and cultural aspects of the historical development of the German peoples from the emergence of the medieval German Empire to the establishment of the Federal Republic of Germany and the German Democratic Republic after the Second World War.

619 Southeastern Europe (3) A survey of the political, social, economic, and cultural development of the societies of the Balkan Peninsula, from the late Middle Ages to the present.

623 Middle Ages (3) A study of the major political, economic, social, and cultural developments in Europe from the fall of the Roman Empire to the 15th century. Particular attention is given to the Holy Roman Empire, papacy, British and French monarchies, and development of secular culture.

624 Renaissance and Reformation (3) A study of the political, social, economic, and cultural developments of continental Europe from the end of the Middle Ages through the religious wars of the 17th century. Particular attention is given to Italy, the Reformation, and Wars of Religion.

625 Early Modern Europe and the French Revolution (3) An examination of the politics, economic development, social structure, cultural milieu, and general intellectual climate of Continental Europe from the Age of Louis XIV through the Age of Napoleon.

626 Russia to 1917 (3) A survey of the political, social, economic, and cultural development of the Russian State from its origins to the revolutions of 1917.

627 The Soviet Union (3) A survey of the political, social, economic, and cultural development of the Soviet Union from 1917 to the present.

628 Nineteenth Century Europe (3) A study of the major political, economic, social, and cultural developments of the nations of Europe from the Congress of Vienna to the outbreak of the First World War.

629 Europe Since 1914 (3) A study of the major political, economic, social, and cultural developments of the nations of Europe from the outbreak of the First World War to the present.

631 History of Kansas (3) A survey of the exploration, settlement, and development of Kansas.

632 Constitutional History of the United States (3) Historical study of the development of the Constitution of the United States from its origins to the present.

633 The American South () A chronological study of the cultural, intellectual, economic, and political development of the American South and its role in the development of the nation.

635 The American West (3) A study of the political, social, cultural, and economic impact of the Western experience and migration in American history.

636 The American Southwest (3) An examination of the contributions of Indians, Hispanics, and the United States to the

political, economic, social, and cultural growth of the American Southwest.

637 Chicanos: A History of Mexican Americans (3) A study of Mexican Americans that interprets their history as part of the larger history of the United States. Major themes covered begin with the Spanish colonization of the American southwest and end with the contemporary issues of discrimination, civil rights, and assimilation.

642 Colonial and Revolutionary America (3) A study beginning with the 16th century forces for European expansion and ending with the American War for Independence.

643 The Early American Republic (3) An examination of the diplomatic, political, cultural, and economic developments in the United States from the War for Independence to the Age of Jackson.

644 The Era of the Civil War (3) A detailed study of American history from the Age of Jackson to the end of reconstruction.

645 American Diplomatic History to 1914 (3) A study of American diplomacy from the American Revolution to the eve of the First World War.

646 American Diplomatic History Since 1914 (3) A study of American diplomacy from the First World War to the present.

647 The Rise of Modern America, 1877-1919 (3) An intensive study of the forces that produced the foundations for modern America. Major forces considered include industrialism, urbanization, immigration, agrarian and labor discontent, and reform movements.

648 Contemporary America (3) A detailed study of the United States from the end of World War I to the present, covering both the domestic and foreign developments. Historical arguments concerning issues of the period are stressed.

649 The Indian in American History (3) A detailed study of Native Americans in the United States, emphasizing Indians' political, social, cultural, and economic developments and Indian and non-Indian relations.

650 African-American History (3) A chronological study of the cultural, intellectual, economic, and political role of the African-American in the development of the main stream of American history.

651 Women in American History (3) A study of the social, cultural, intellectual, economic, and political status of women from colonial times to the present.

652 Colonial Latin America (3) A comprehensive survey of pre-Columbian Indian civilizations, Spanish and Portuguese colonial institutions, and their impact upon shaping modern Latin America.

653 Modern Latin America, 1810-Present (3) A study of Latin America's independence, revolutions, and the subsequent struggle to build nation-states in the period that followed. Study

of the 20th century entails special emphasis upon the region's economic development and its social repercussions, especially revolutions.

654 Mexico (3) A study of the first Mexicans, the conquest, colonialism, independence, 19th century nation building, the 1910 Revolution, and the revolution's legacy to the present.

660 The Modern Far East (3) A survey of the history of China and Japan from early 19th century to the present, with emphasis on institutional development, social changes, and contacts with the west.

670 Workshop in History + (1-3) A short-term, concentrated study of some topic or unit. Opportunity is given for group and individual participation to fit needs of the student.

672 Readings in History + (1-3) Directed readings in history requiring a minimum of 2,000 pages per undergraduate credit hour. Requisites: PERM.

673 Problems in History + (1-3) Provides opportunity for intensive reading and discussion of primary and secondary sources for a limited topic. Requisites: PERM.

674 Independent Study+ (1-3) The student completes research and writing on a project determined in consultation with the instructor. Consultation with and permission from the Chair of the Department of History are required before enrolling in the course. Requisites: PERM

675 Seminar in History + (3) A research course requiring mastery of a limited topic with presentation and discussion of a research paper to the seminar. Requisites: PR, HIST 379 or equivalent, PERM.

676 Apprenticeship in History + (1-3) Invited students assist the professor in activities which provide professional experience in history-related occupations. Requisites: PERM.

678 Study-Tour in History (1-8) A study-tour of a particular country or region, combining visits to historical sites and traditional methods of historical inquiry.

692 Modern Middle East (3) A study of the major trends in the evolution of the Middle East from the late eighteenth century to the present, with an emphasis on imperialism, nationalism, modernization, Islam, and revolution.

Graduate Credit

776 Apprenticeship in History () Invited graduate students assist the professor in activities which provide professional experience in history-related occupations.

810 The 20th Century World I: 1900-1950 () A chronological and topic overview of the 20th century world between 1900 and 1950. The course explores the political, economic, social, and cultural aspects of the period by employing several categories of analysis including, but not limited to, race, ethnicity, class, and gender.

811 The 20th Century World II: 1950-2000 () A chronological and topic overview of the 20th century world between 1950 and 2000. The course explores the political, economic, social, and cultural aspects of the period by employing several categories of analysis including, but not limited to, race, ethnicity, class, and gender.

874 Independent Studies in History () This independent study is used for the MLS culminating experience requirement with a history emphasis. The student completes research and writing on a project determined in consultation with the instructor. Consultation with and permission from the Chair of the Department of History are required before enrolling in the course. This course IS NOT APPLICABLE for the M.A. in History degree.

878 Graduate Practicum in History + (1-6) An in-service course designed to relate social studies teaching theory to the

situation. The student is placed in classroom situations where experiences are gained relating to the social studies courses taught.

879 Historiography (3) An examination of the development of historical writing from Herodotus to the present with particular emphasis on philosophies of history and on methodological issues.

889 Graduate Historical Methods () Acquaints graduate students of history with major philosophical concepts and problems underlying their discipline and directs them through the steps of historical research methods to the final product of publication.

899 Thesis, M.A. (2-6) Requisites: PERM.

*General Education course

+Course may be repeated

#Lab required

PERM: Permission

PR: Pre-requisite

Bachelor of Arts: Philosophy

As a student of Philosophy both on-campus and online, you will study important historical figures and theories, test your critical thinking, evaluation, and reasoning skills, and take part in important and dynamic, face-to-face discussions with professors and peers.

The Bachelor of Arts in Philosophy is a minimum 120 credit hour degree program consisting of the following:

- 30 credit hours of philosophy courses
(18 hours of required core courses and 12 hours of philosophy electives)
- 90 additional credit hours
(including the 35-hour general education requirements, (includes Freshman Seminar) 10 hours of required foreign language, and 45 credit hours of "free electives")

Within the 120 credit hours above, the following requirements must be met:

30 hours specifically from FHSU

45 hours of Upper Division course work (300-699 level)

Note that transfer students may have more than 120 hours upon degree completion due to transfer work.

Required Philosophy Core Courses

(6 Courses, 18 Hours)

PHIL 100 Critical Thinking (3)

PHIL 200 Philosophy of Knowledge (3)

PHIL 220 Classical Greek Philosophy (3)

PHIL 320 Foundations of Modern Philosophy (3)

PHIL 340 Ethics (3)

PHIL 499 Senior Seminar (3)

Philosophy Electives

*These are variable content courses, which are scheduled irregularly. Each may be taken more than once as electives towards the degree.

(4 Courses, 12 Hours)

PHIL 120 Introduction to Philosophy

PHIL 140 Philosophy and the Bible: Old Testament

PHIL 170 World Religions

PHIL 201 Political Philosophy

PHIL 240 Philosophy and the Bible: New Testament

PHIL 330 Bioethics

PHIL 331 Ethical Issues in the Professions and Business

PHIL 335 Conceptions of the Mind

PHIL 350 Philosophy of Mind

PHIL 360 Philosophy of Religion

PHIL 370 Eastern Philosophy

PHIL 401 Philosophy of Law

PHIL 458 Philosophy of Art

PHIL 490 Topics in Philosophy*

PHIL 672 Readings in Philosophy*

Pre-theology Emphasis

Requirements for admission to theological schools and seminaries vary considerably. The following suggested pre-theological curriculum has been prepared to meet the suggestions of the American Association of Theological Schools. Many of the larger seminaries are members of this association. The pre-theological student should consult denominational authorities for specific information about acceptable theological schools and their requirements.

The curriculum listed below leads to the B.A. degree. A major must be completed from the hours listed as elective. The American Association of Theological Schools suggests that the student complete a major in philosophy, English, or history. The advisor will assist the student to vary this suggested curriculum to fit particular needs.

Suggested Four-Year Program :

Freshman Year

Fall Semester:

ENG 101 English Composition I
PHIL 140 Philosophy and the Bible: Old Testament
PHIL 100 Critical Thinking
General Education elective (History)
HHP 200 Personal Wellness

Spring Semester:

ENG 102 English Composition II
PHIL 240 Philosophy and the Bible: New Testament
CIS 101 Introduction to Computer Information Systems
or CSCI 163 Introduction to Computing Systems
General Education elective (International Studies)
General Education elective (Natural Science)
Natural Science Laboratory

Sophomore Year

Fall Semester:

Beginning Language I elective
COMM 100 Fundamentals of Oral Communication
PHIL 220 Classical Greek Philosophy
MATH 101 Liberal Arts Mathematics or MATH 110 College Algebra

Spring Semester:

Beginning Language II elective
PHIL 170 World Religions
PHIL 360 Philosophy of Religion
General Education elective (Psychology)
General Education elective (Natural Science)

Junior Year

Fall Semester:

PHIL 340 Ethics
PHIL 320 Foundations of Modern Philosophy
General Education elective (Literature)
General Education elective (Natural Science)

Spring Semester:

General Education elective (International Studies)
General Education elective (History)
Electives (10 hrs)

Senior Year

Fall Semester:

PHIL 490 Topics in Philosophy or PHIL 370 Eastern Philosophy
Electives (13 hrs)

Spring Semester:

PHIL 499 Senior Seminar
General Education elective (upper-division integrative course)
Electives (10 hrs)

Minor in Philosophy

The minor in philosophy requires 20 hours of coursework in any combination of courses from the list under the Bachelor of Arts in Philosophy (On Campus or Online).

Certificates in Philosophy

General Philosophy

Choose 3 courses, 9 hours. The grade of a C or better must be obtained in each class taken towards a certificate. Also, no more than one course transferred in from another institution can be used towards a certificate. Please complete this [form](#) and email it to the department administrative assistant, Jodie Wear-Leiker, jwearlei@fhsu.edu if you have met the requirements to earn this certificate.

Curious about philosophy? The Certificate in General introduces you to the foundations of the field, covering the major schools of thought that shaped the discipline of Philosophy.

PHIL 100 - Critical Thinking (3)

An introduction to induction, deduction, and common fallacies, the primary aim of the course being to develop skill in applying basic principles of sound reasoning. This class is offered both on-campus and through FHSU Online.

PHIL 120 Introduction to Philosophy (3)

An introduction to perennial philosophical questions concerning topics such as knowledge, doubt, God, freedom, necessity, good and evil, immortality, time, the cosmos, and the meaning of life, and to some of the most noteworthy attempts to answer them. This class is offered both on-campus and through FHSU Online.

PHIL 200 - Philosophy of Knowledge (3)

A study of philosophical questions about knowledge, such as whether it can be defined, whether it is one thing in the sciences and something entirely different in the humanities or in mathematics, and to what extent it is achievable by and desirable for human beings.

PHIL 220 Classical Greek Philosophy (3)

A study of topics such as the fundamental nature of reality, the place of human beings in reality, the difference between knowledge and opinion, the nature of the good life, and the concept of freedom, through selections from the writings of the principle philosophers of the ancient Mediterranean world, especially Plato and Aristotle.

PHIL 320 Foundations of Modern Philosophy (3)

A study of topics such as the mind-body problem, the quest for certainty, the justification of governmental authority, and the place of values in a mechanistic world, through selections from the writings of the principal philosophers of the 17th and 18th centuries, including Hobbes, Descartes, Spinoza, Leibniz, Locke, Berkeley, Hume, and Kant.

PHIL 350 - Philosophy of Mind (3)

An overview of fundamental topics in the philosophy of mind such as whether or not mental processes are physical, the puzzle of mental causation, the nature of consciousness and intentionality, and the similarity of minds to computers.

PHIL 458 - Philosophy of Art (3)

A study of philosophical questions about artistic creation and aesthetic experience, such as whether art can be defined, whether aesthetic value judgments can be justified rationally, how aesthetic values relate to ethical and religious values, and what the proper role of art is in a life well lived.

PHIL 490 - Topics in Philosophy (1-3)

A study of a particular philosopher or philosophical topic not otherwise available in the curriculum. The content of this course will vary from semester to semester, and students may register more than once. When topic is relevant and chair approves.

PHIL 672 - Readings in Philosophy (1-3)

A tutorial course intended for those with some concentration in philosophy. The content of this course will vary from semester to semester, and students may register more than once. Requires permission of the instructor. When topic is relevant and chair approves.

Certificate in Moral and Political Philosophy

Choose 3 courses, 9 hours. The grade of a C or better must be obtained in each class taken towards a certificate. Also, no more than one course transferred in from another institution can be used towards a certificate. Please complete this [form](#) and email it to the department administrative assistant, Jodie Wear-Leiker, jwearlei@fhsu.edu if you have met the requirements to earn this certificate.

Do animals have rights? Is cloning ethical? Should we conduct stem cell research? When should we turn off life support? The Bioethical Studies certificate addresses questions like these that you should think about, especially if you are considering a career in health care or medicine. The following courses complete this certificate:

PHIL 201 - Political Philosophy (3)

A critical introduction to topics such as state authority, human rights, justice, liberty, and equality, which are at the heart of understanding the nature of politics and what it is to live responsibly in society. This class is offered both on campus and online through FHSU Online.

PHIL 340 Ethics (3)

A critical examination of attempts by philosophers to understand the moral dimension of human life, which involves topics such as good and evil, rights and duties, reason and emotion, and the objectivity of values. This class is offered both on campus and online through FHSU Online.

PHIL 330 Bioethics (3)

An examination of ethical issues which result from our expanding biological knowledge such as animal rights, genetic testing, biological engineering, abortion, euthanasia, the impact of humans on the environment, and the just allocation of resources. This class is offered both on campus and online through FHSU Online.

PHIL 331 - Ethical Issues in the Professions and Business (3)

An examination of ethical issues in the professional lives of people in science, education, medicine, law, and business arising from the challenge of maintaining personal integrity in the face of apparent conflicts of duty. This class is offered both on campus and online through FHSU Online.

PHIL 401 - Philosophy of Law (3)

A study of topics such as the nature of law, the relation of morality to the law, the moral justification of the use of coercion in enforcing the law, the significantly different types of law, and challenges to traditional understandings of the law.

PHIL 490 - Topics in Philosophy (1-3)

A study of a particular philosopher or philosophical topic not otherwise available in the curriculum. The content of this course will vary from semester to semester, and students may register more than once. When topic is relevant and chair approves.

PHIL 672 - Readings in Philosophy (1-3)

A tutorial course intended for those with some concentration in philosophy. The content of this course will vary from semester to semester, and students may register more than once. Requires permission of the instructor. When topic is relevant and chair approves.

Certificate in the Philosophy of Religion

Choose 3 courses, 9 hours. The grade of a C or better must be obtained in each class taken towards a certificate. Also, no more than one course transferred in from another institution can be used towards a certificate. Please complete this [form](#) and email it to the department administrative assistant, Jodie Wear-Leiker, jwearlei@fhsu.edu if you have met the requirements to earn this certificate.

The Philosophy of Religion certificate introduces you to major religions from all around the world, from Hinduism to Islam. If you are considering graduate study or a career in religion, this certificate is for you. The following courses complete this certificate:

PHIL 140 - Philosophy and the Bible: Old Testament (3)

A study of the Old Testament, focusing on how it came to be written, on the social, cultural, and physical worlds it describes, on the meaning and interpretation of important passages and books, and especially on philosophical questions it raises, such as those concerning the problem of evil, the creation and evolution debate, and the relation between ethics and religion.

PHIL 170 - World Religions (3)

A study of the world's major religious traditions, including Hinduism, Buddhism, Judaism, Christianity, and Islam. Students will explore the basic histories and beliefs of these religions as well as some of the ethical issues that arise for modern practitioners.

The course will also consider related philosophical questions such as the definition of religion and the relation of religion to morality and the good life.

PHIL 240 - Philosophy and the Bible: New Testament (3)

A study of the New Testament, focusing on how it came to be written, on the social, cultural, and physical worlds it describes, on the meaning and interpretation of important passages and books, and especially on philosophical questions it raises, such as those concerning Jesus' divinity, the Trinity, the Resurrection, Salvation, and the relation between ethics and religion.

PHIL 360 - Philosophy of Religion (3)

A study of questions which arise in philosophical reflection on beliefs and concepts central to Judaism, Christianity, and Islam, such as whether God can be defined, whether God's existence can be proven, and whether faith in God is reasonable given the variety and extent of suffering in the world.

PHIL 370 - Eastern Philosophy (3)

A study of the wisdom found in Asian traditions such as Hinduism, Buddhism, Daoism, and Confucianism. Topics may include atman, karma, reincarnation, nirvana, and yin-yang philosophy. Special attention will be paid to the manner in which such beliefs arise out of personal experience and are instantiated in practices such as yoga, meditation, and non-duality.

PHIL 490 - Topics in Philosophy (1-3)

A study of a particular philosopher or philosophical topic not otherwise available in the curriculum. The content of this course will vary from

semester to semester, and students may register more than once. When topic is relevant and chair approves.

PHIL 672 - Readings in Philosophy (1-3)

A tutorial course intended for those with some concentration in philosophy. The content of this course will vary from semester to semester, and students may register more than once. Requires permission of the instructor. When topic is relevant and chair approves.

Course Listings – Philosophy

Undergraduate Credit

Critical Thinking (3) The primary aim of the course is to develop awareness about what is involved in reasoning well. The student will learn (1) to sort claims according to the kinds of evidence that could be used to establish their truth, and the kinds of expertise that would be relevant to evaluating this evidence, and (2) to evaluate arguments of various kinds (identify when an argument is being made, what its conclusion is, what the logical relation between premises and conclusion is purported to be, whether the premises are plausible, and whether the conclusion is established).

120 Introduction to Philosophy* (3) An introduction to perennial philosophical questions concerning topics such as knowledge, doubt, God, freedom, necessity, good and evil, immortality, time, the cosmos, and the meaning of life, and to some of the most noteworthy attempts to answer them.

140 Philosophy and the Bible: Old Testament (3) A study of the Old Testament, focusing on how it came to be written, on the social, cultural, and physical worlds it describes, on the meaning and interpretation of important passages and books, and especially on philosophical questions it raises, such as those concerning the problems of evil, the creation and evolution debate, and the relation between ethics and religion.

170 World Religions (3) A study of the world's major religious traditions, including Hinduism, Buddhism, Judaism, Christianity, and Islam. Students will explore the basic histories and beliefs of these religions as well as some of the ethical issues that arise from modern practitioners. The course will also consider related philosophical questions such as the definition of religion and the relation of religion to morality and the good life.

200 Philosophy of Knowledge (3) A study of philosophical questions about knowledge, such as whether it can be defined, whether it is one thing in the sciences and something entirely different in the humanities or in mathematics, and to what extent it is achievable by and desirable for human beings.

201 Political Philosophy (3) A critical introduction to topics such as state authority, human rights, justice, liberty, and equality, which are at the heart of understanding the nature of politics and what it is to live responsibly in society.

220 Classical Greek Philosophy (3) A study of topics such as the fundamental nature of reality, the place of human beings in reality, the difference between knowledge and opinion, the nature of the good life, and the concept of freedom, through selections from the writings of the principle philosophers of the ancient Mediterranean world, especially Plato and Aristotle.

240 Philosophy and the Bible: New Testament (3) A study of the New Testament, focusing on how it came to be written, on the social, cultural, and physical worlds it describes, on the meaning and interpretation of important passages and books, and especially on philosophical questions it raises, such as those concerning Jesus' divinity, the Trinity, the Resurrection, Salvation, and the relation between ethics and religion.

320 Foundations of Modern Philosophy (3) A study of topics such as the mind-body problem, the quest for certainty, the justification of governmental authority, and the place of values in a mechanistic world, through selections from the writings of the principal philosophers of the 17th and 18th centuries, including Hobbes, Descartes, Spinoza, Leibniz, Locke, Berkeley, Hume, and Kant.

330 Bioethics () An examination of ethical issues that result from our expanding biological knowledge, such as animal rights, genetic testing, biological engineering, abortion, euthanasia, the impact of humans on the environment, and the just allocation of resources.

331 Ethical issues in the Professions and Business () An examination of ethical issues in the professional lives of people in science, education, medicine, law, and business arising from the challenge of maintaining personal integrity in the face of apparent conflicts of duty.

335 Conceptions of the Mind () An integrative look at our historically changing conceptions of the mind, and how best to study and understand them. The course will cover elements of philosophy, psychology, neural science, computer science, linguistics, and their convergence into the interdisciplinary field of cognitive science.

340 Ethics* (3) A critical examination of attempts by philosophers to understand the moral dimension of human life, which involves topics such as good and evil, rights and duties, reason and emotion, and the objectivity of values.

350 Philosophy of Mind (3) An overview of fundamental topics in the philosophy of mind such as whether or not mental processes are physical, the puzzle of mental causation, the nature of consciousness and intentionality, and the similarity of minds to computers.

360 Philosophy of Religion (3) A study of questions which arise in philosophical reflection of beliefs and concepts central to Judaism, Christianity, and Islam, such as whether God can be defined, whether God's existence can be proven, and whether faith in God is reasonable given the variety and extent of suffering in the world.

370 Eastern Philosophy (3) A study of the wisdom found in Asian traditions such as Hinduism, Buddhism, Daoism, and Confucianism. Topics may include atman, karma, reincarnation, nirvana, and yin-yang philosophy. Special attention will be paid to manner in which such beliefs arise out of personal experience and are instantiated in practices such as yoga, meditation, and nonduality.

401 Philosophy of Law (3) A study of topics such as the nature of law, the relation of morality to the law, the moral justification of the use of coercion in enforcing the law, the significantly different types of law, and challenges to traditional understandings of the law.

458 Philosophy of Art (3) A study of philosophical questions about artistic creation and aesthetic experience, such as whether art can be defined, whether aesthetic value judgments can be justified rationally, how aesthetic values relate to ethical and religious values, and what the proper role of art is in a life well lived.

476 Apprenticeship in Philosophy (1-3) A supervised practical experience in teaching and administering courses in philosophy. The content of this course will vary from semester, and students may enroll more than once.

490 Topics in Philosophy A study of a particular philosopher or philosophical topic not otherwise available in the curriculum. The content of this course will vary from semester to semester, and students may enroll more than once.

499 Senior Seminar (3) A variable topics course required for senior philosophy majors.

Undergraduate/Graduate Credit

672 Readings in Philosophy + (1-3) A tutorial course intended for those with some concentration in philosophy. The content of this course will vary from semester to semester, and students may enroll more than once. Requires permission of the instructor.

675 Seminar in Philosophy + (1-3) An intensive examination of a particular philosopher or philosophical topic. The content

of this course will vary from semester to semester, and students may enroll more than once.

Graduate Credit

772 Readings in Philosophy () A tutorial course intended for those with some concentration in philosophy. The content of this course will vary from semester to semester, and students may enroll more than once.

775 Seminar in Philosophy () An intensive examination of a particular philosopher or philosophical topic. The content of this course will vary from semester to semester, and students may enroll more than once.

776 Apprenticeship in Philosophy () A supervised practical experience in teaching and administering courses in philosophy. The content of this course will vary from semester to semester, and students may enroll more than once.

780 Topics in Philosophy () A study of a particular philosopher or philosophical topic not otherwise available in the curriculum. The content of this course will vary from semester to semester, and students may enroll more than once.

*General Education Course

+Course may be repeated #Lab required

PERM: Permission PR: Pre-requisite

General Studies/Interdisciplinary Degrees

Associate of General Studies

General Education Program Requirements for the Associate of General Studies subject to change Fall 2023

The AGS program is an excellent choice for the person who would like to return to earn his or her college degree. **To earn an Associate of General Studies degree, you will only need to complete 60 credit hours. The degree allows for 12 hours of free electives and *12 hours in your area of emphasis.** (The Associate of General Studies with an emphasis in Massage Therapy requires the completion of the 32-hour massage therapy certificate).

I. Foundation Studies (15 hours required)

A student is required to take the following courses:
Analysis and Communication

- COMM 100 Fundamentals of Oral Communication (3)
- INF 101 Introduction to Computer Information Systems (3)
- ENG 101 English Composition I
- ENG 102 English Composition II
- MATH 101 Liberal Arts Mathematics or
- MATH 110 College Algebra (3)

II. Liberal Arts (21 hours required)

A) International Studies (3 hours required)

A student must complete 1 of the 3 courses.

- ENG 125 World Literature and the Human Experience
- GSCI 110 World Geography
- HIST 111 Modern World Civilization

B) Distribution (18 hours required)

Course areas used to complete requirements under International Studies allow a student to take only 1 additional course in that area under distribution for General Education credit.

Humanities--6 hrs required with no more than 1 course in 1 area

Art

- ART 180 Fundamentals & Appreciation of Art
- ART 280 Approaches to Creativity
- ART 201 Survey of Art History

Communication Studies

- COMM 125 Introduction to Motion Pictures
- COMM 318 Communication in Human Organizations

English

- ENG 125 World Literature and the Human Experience
- ENG 126 Introduction to Literature
- ENG 327 Introduction to Fiction

Modern Languages

- Beginning 1 or 2 course(s) in any language. (May not be used as General Education for students earning the B.A. degree)
- MLNG 112 Great Works in Translation

Multiculturalism

- IDS 350 *Diversity in the U.S.*

Music

- MUS 161 Listening to Music
- MUS 391 Jazz
- THTR 120 Introduction to Theatre

Philosophy

- PHIL 100 General Logic
- PHIL 120 Introduction to Philosophy
- PHIL 340 Ethics

Mathematics and Natural Sciences--6 hrs with no more than 1 course in 1 area

Biological Sciences

- BIOL 100 Human Biology*
- BIOL 102 Lab Experience in Biology
- BIOL 200 Humans and The Environment*
- BIOL 300 Human Heredity*

Chemistry

- CHEM 100 Chemist's View of the World
- CHEM 105 Introduction to the Chemistry Lab
- CHEM 112 General Chemistry I and Lab**
- CHEM 114 General Chemistry II and Lab**

Geosciences

- GSCI 100 Introduction to Geology*
- GSCI 101 Elements of Physical Geography
- GSCI 102 Introduction to Geology Laboratory
- GSCI 340 Environmental Geology*

Mathematics and Computer Science

- MATH 234 Analytic Geometry & Calculus I
- MATH 250 *Elements of Statistics*
-

Physics

- PHYS 102 Physical Science
- PHYS 103 Physical Science Laboratory
- PHYS 208 Elementary Meteorology*
- PHYS 309 Descriptive Astronomy*

*Course can be completed with optional 1 hr lab

**Course fulfills 1 hr lab requirement

Social and Behavioral Sciences--6 hrs with no more than 1 course in 1 area

Economics

- ECON 201 Principles of Economics: Micro
- ECON 202 Principles of Economics: Macro
- ECON 305 Managerial Finance
- FIN 205 Theory & Practice of Personal Finance

History

- HIST 110 World Civilization to 1500
- HIST 130 United States History to 1877
- HIST 131 United States History Since 1877

Multiculturalism

- *IDS 350 Diversity in the U.S.*

Political Science

- POLS 101 American Government
- POLS 230 Introduction to International Relations
- POLS 105 Current Political Issues

Psychology

- PSY 100 General Psychology
- PSY 300 Abnormal Psychology
- PSY 340 Social Psychology

Sociology

- SOC 140 Introduction to Sociology
- SOC 355 Sociology of Death and Dying
- SOC 388 Sociology of the Family in America

Italics denotes general education courses required for the teacher education program.

All courses are 3 credit hours except for the labs.

III. Area of Emphasis (12 hours required)*

IV. Free Electives (12 hours required)

*The Associate of General Studies with an emphasis in Massage Therapy requires the completion of the 32 hour massage therapy certificate.

Bachelor of General Studies

The Bachelor of General Studies (BGS) is an undergraduate liberal arts degree available through the College of Arts, Humanities, and Social Sciences at Fort Hays State University. The degree provides maximum flexibility for students who have well-defined career objectives and wish to determine the content of their degree rather than pursue one of the established majors at FHSU. The program includes general education requirements and an area of concentration but not a specific major.

The Bachelor of General Studies is a general degree that can be used for entry into a wide variety of occupations. The BGS degree serves as a bridge to numerous graduate degree programs and prepares students for employment in areas not requiring specific baccalaureate degrees. The area of emphasis or concentration can be tailored to prepare students for entry into a particular career.

Degree Requirements

Total Hours Required for Degree: 120 Credit Hours

General Requirements:

- A minimum of 80 credit hours of coursework in Liberal Arts and Sciences disciplines: Art, Biological Sciences, Chemistry, Communication Studies, Criminal Justice, Economics (ECON201 and/or ECON202), English, Geography, Geology, History, Interdisciplinary Studies (IDS), Leadership Studies, Mathematics, Modern Languages, Music, Philosophy, Physical Science, Physics, Political Science, Psychology, and Sociology.
- A minimum grade point average of 2.0.
- A minimum of 45 credit hours of upper-division coursework (courses numbered 300 or greater).
- A minimum of 60 credit hours of coursework from a 4-year school.
- A minimum of 30 credit hours of coursework from FHSU.
- A maximum of 40 credit hours of coursework from one department.

Concentration Requirements:

- Area of Concentration (21 Credit Hours)
All students completing a Bachelor of General Studies must fulfill the requirements of a 21-credit-hour concentration. For details about concentrations, see the [Bachelor of General Studies Areas of Concentration](#) webpage.

General Education Requirements:

Recent changes to the FHSU General Education Program have necessitated changes to the general education requirements for the BGS.

Students starting the BGS program in Fall 2023 or later must complete the newly revised [FHSU General Education Program](#) (left column).

Students who have already begun the BGS program can choose between the newly revised FHSU General Education program (left column) and the older Legacy BGS General Education Requirements (right column).

FHSU General Education Program	Legacy BGS General Education Requirements
ENG 101 and ENG 102 English Composition I and II	6 CH ENG 101 and ENG 102 English Composition I and II
COMM 100 Fundamentals of Oral Communication	3 CH INF 101 Introduction to Computer Information Systems
or COMM 304 Intermediate Interpersonal Communication	
Mathematics Discipline Area See General Education Document for course list.	3 CH
Natural & Physical Sciences Discipline Area (1 lab and 1 lecture course or 1 lecture/lab combination course) See General Education Document for course list.	4 CH Science and Mathematics Distribution Area (4 courses from at least 3 different disciplines) Biological Sciences, Chemistry, Geosciences (Geography and Geology), Mathematics, and Physics.
Arts & Humanities Discipline Area (2 courses from different disciplines) See General Education Document for course list.	6 CH Humanities Distribution Area (4 courses from at least 3 different disciplines) Art, Communication Studies, English, Languages, Music, and Philosophy. (Includes courses IDS350, IDS400, and IDS401)
Social & Behavioral Sciences Discipline Area (2 courses from different disciplines)	6 CH Social & Behavioral Sciences Distribution Area (4 courses from at least 3 different disciplines) Economics, History, Political Science, Psychology, and Sociology. (Includes courses IDS300 and IDS350)

See [General Education Document](#) for course list.

Personal & Professional Development Area 3 CH

See [General Education Document](#) for course list.

Critical Thinking Area 3 CH

See [General Education Document](#) for course list.

Additional BGS Required Courses Legacy BGS has no additional required courses

UNIV 301—Information Literacy 3 CH

UNIV 402—Upper-Level Writing 3 CH

Master of Liberal Studies

The MLS program of study consists of:

Core Courses: 10 Credit Hours

Area of Concentration: 21 Credit Hours

Comprehensive Exam

TOTAL: 31 Credit Hours

Core Classes (10 credit hours)

Regardless of your area of concentration, you will register in a series of four interdisciplinary core courses related to the organizing theme, "Ways of Knowing: A Foundation for Understanding and Exploring the Emerging Knowledge Society." This theme is broad enough to focus on historical and emerging "ways of knowing", yet defined enough for you to explore and understand the ways in which knowledge is generated, researched, applied and managed in our information-based world. The core courses include:

- Introduction to Graduate Liberal Studies (1 Credit Hour)*
- Ways of Knowing in Comparative Perspective (3 Credit Hours)
- Origins and Implications of the Knowledge Society (3 Credit Hours)
- Information Literacy (3 Credit Hours)

[Learn more about the core courses](#). See also, the [core course delivery schedule](#).

Concentration (21 hours)

You will work closely with your graduate advisor to develop your [concentration program of study](#).

Comprehensive Exams (no credit)

Students are required to take comprehensive examinations in compliance with the Graduate School policy. We recommend that you take comprehensive exams in the last semester that you are taking regular coursework.

Course Listings – Interdisciplinary Studies

099 BGS Senior Assessment (0) The singular objective for this course is to provide assessment opportunities for graduating senior Bachelor of General Studies students. The course serves as the coordination point for program assessment. PR; SR Standing.

199 Topics in Interdisciplinary Studies (1-3) A study of a particular topic not otherwise available in the curriculum. The content of this course will vary from semester to semester, and students may potentially enroll more than once. This class is not available for General Education credit.

326 Literature and the Environment (3) A study of the literature of nature and the environment with special emphasis on literary and environmental texts that explore the ecological relationship between human culture, the creative imagination, and the natural world.

333 Exploration in the Humanities (1) A one-hour intensive exploration of a topic in the humanities. The class may require travel and/or service learning, and it may require payment of an additional fee.

350 Diversity in the United States (3) A study of the United States of America and its role in the world as a multicultural democracy, with specific emphasis given to cultural diversity as embodied in the ideal notion of pluralistic identity. Through the social sciences, humanities and arts, history, and international perspectives, the course will explore the principles and dynamics of diversity in the United States while promoting social responsibility and demonstrating civic competency.

390 Technology in Society (3) An extensive study of technology and the impact that it has on human society. This course will examine, discuss, and explore the materials, processes, innovations, and applications of technology and the various perspectives and issues associated with the role of technology in society.

399 Topics in IDS (0) A study of a particular topic not otherwise available in the curriculum. The content of the course will vary from semester to semester, and students may potentially enroll more than once. This class is not available for General Education credit.

400 Bioethics (3) An examination of ethical issues which result from our expanding biological knowledge such as animal rights, genetic testing, biological engineering, abortion, euthanasia, the impact of humans on the environment, and the just allocation of resources.

401 Ethical Issues in the Professions and Business (3) An examination of ethical issues in the professional lives of people in science, education, medicine, law, and business arising from the challenge of maintaining personal integrity in the face of apparent conflicts of duty.

402 U.S. Human Geography: Issues for 21st Century (3) A human geography of natural, social, cultural, economic, political, and other issues existing in late 20th century United States, with implications toward the 21st century.

405 Heritage: Society, Science and Culture Since 1700 (3) A study of the interrelationships and transformations of outlook, science, and technology, culture attributes, economic systems, and social structures in world civilizations over the past three centuries, with special attention given to the development of modern institutions and perspectives.

440 Conceptions of the Mind (3) An integrative look at our historically changing conceptions of the mind, and how best to study and understand them. The course will cover elements of philosophy, psychology, neural science, computer science, linguistics, and their convergence into the interdisciplinary field of cognitive science.

468 Political Communication (3) This course explores the relationship between media and politics in America, focusing on the process and power of media including its use by citizens, political interest groups, candidates and political leaders as well as its effect on information, civic involvement, and voter turnout.

499 Global Environmental Issues (3) Review of current global environmental issues. Course will explore origins, development and effects of philosophy, religion, frontier and colonial experiences, science, technology, economics, and political ideologies upon environmental attitudes. Environmental ethics and sustainability will be examined.

Graduate Credit

801 Introduction to Graduate Liberal Studies (1) The purpose of the course is to provide a multi-disciplinary introduction to information-seeking skills, critical thinking skills, and analytical writing skills as a means of fostering intellectual growth, and enhancing employability in a world where integrated knowledge is a key resource.

802 Ways of Knowing in Comparative Perspective (3) A comparative, critical exploration of the nature, kinds, worth, and limits

of human knowledge. Roughly equal amounts of attention are given to (A) the sciences, (B) the arts and humanities, and (C) a selection from a menu of such special topics as mathematical knowledge, epistemic relativism, moral knowledge, religious knowledge, and the role of the search for knowledge in well-lived human lives.

803 Origins and Implications of the Knowledge Society (3) Origins and implications of the knowledge society involves understanding the historical origins and the current and future implications of the information revolution that is unfolding. As our society ushers in the information revolution, a deeper understanding of new ways of knowing will serve as a catalyst for the future. Substantial changes in the social, political, educational, and economic contexts are the destined targets of the information/knowledge shift. This course focuses on where these changes come from, what the likely changes will be, and the utility of such changes on the way we know, learn, and grow. Requisites: PR, IDS 801 or PERM.

804 Information Literacy (3) Information literacy develops the utilization of information in the graduate learning process. A fuller appreciation and recognition of the need for information, identification of needed information, networking and technical skills

associated with locating the information, and critical consideration of information are addressed. Students should expect to be more thoughtful consumers of scholarly and applied research and current modern information technologies. Requisites: PR, IDS 801 or PERM.

806 Applied Statistics (3) This course introduces students to descriptive and inferential statistics and their applicability to decision making. Students will explore measures of central tendency and variability, probability theory, estimation and hypothesis testing, and regression models.

810 Readings in Liberal Studies (1-3) Directed readings on a specific topic in liberal studies.

815 Introduction to Data (3) The purpose of this course is to present a graduate-level introduction for using research and decision-making in order to prepare professionals to work with data in their chosen field. This course will cover foundational concepts for understanding various types of data and aligning research questions with strategies for data analysis. Students will learn to gather, analyze, manage, and communicate data in accordance with ethical and legal considerations.

816 Writing and Visualizing Data () Data visualization is becoming an essential skill required in the era of big data. The purpose of this course is to advance students' knowledge and practical skills in visualizing and communicating data used in research and organizational or community decision-making. Students will learn to align data with visualization techniques and tell engaging data stories with their intended audience.

UNIV Courses

099 Prior Learning Portfolio (3) This is an accelerated course that will help students identify areas of prior learning to be evaluated for college level equivalency. The course will also guide students through the preparation and compilation of all components required for the evaluation for course credit(s) of a portfolio of prior learning by a disciplinary assessor in a department at FHSU. Examples of such work may include, but are not limited to, employer training programs, work experience, industry certifications, military service, independent study, studying open source software, volunteering, or completing community service. UNIV 099 may only be taken as "pass/no credit" and may not be applied to any degree requirement in the university.

100 Major and Career Exploration (1) Course designed to aid college students in the career exploration process through self-awareness, academic awareness, and career awareness. This course is intended for students exploring or confirming major options.

101 Freshman Seminar (1) This course will emphasize the skills and knowledge that the first-time freshman, who are within one year of high school graduation, will need to succeed in their transition to collegiate life. This course strives to provide habits and positive skills. In addition, this class will provide students opportunities to explore the various services which FHSU offers, as well as how and where to obtain those services.

103 Succeeding in College (0-3) This course is designed to help students learn and improve skills and strategies that are essential to academic success. Through activities, application, and reflection, the material covered in this course should support and assist students in their other courses.

The course will cover: stress management, appropriate communication, critical thinking, decision making, locus of control, money management, motivation and goal setting, note taking, procrastination, learning styles, and time management.

199 International Student Orientation (0-2) The course is designed to help new degree-seeking international students maximize their academic potential through an orientation to FHSU and the United States. Emphasis will be focused upon, but not limited to, learning about the American education system, developing introductory research skills, learning immigration policies, and identifying university services and resources. PR: Admission to the university as a degree-seeking international student.

301 Information Literacy () The purpose of this course is to help undergraduate students effectively and responsibly gather, evaluate, and use information for scholarship and problem-solving, which is a university-level general education objective. The course is primarily for students who cannot meet the information literacy objective through a course in their major. This course will cover foundational information literacy concepts including research questions, types of information sources, search strategies, and the effective usage of information sources to support an argument. Students will learn to design and follow a research plan, create a research log, and write an annotated bibliography.

Robbins College of Business and Entrepreneurship

For updated information, see our website at www.fhsu.edu/cob

Innovation and Entrepreneurship

The Fort Hays State University Robbins College of Business and Entrepreneurship (RCOBE) characterizes itself as an organization continually innovating to improve the quality and strategic scope of its activities. Its own culture and activities are entrepreneurial. It provides entrepreneurship programming and curricular offerings to supplement both business and non-business degrees.

Instructional Engagement

Inspired by the university tag line, “Forward Thinking, World Ready,” RCOBE provides teaching excellence at the undergraduate and master’s educational levels. In addition, RCOBE offers executive and professional development. It provides these services in both face-to-face and distance learning environments. Faculty are passionate about teaching and are proud of connecting with students.

Our faculty members teach students through both established and innovative techniques in classrooms, labs, internships/coops, and distance learning. They do so in classes small enough to encourage faculty/ student interaction. Faculty members engage students through service learning, and co-curricular activities such as student organizations, learning communities, competitions, study abroad programs, and one-on-one interactions, including regular office hours, as well as undergraduate and graduate research.

Instruction is provided primarily by full-time faculty using technology rich campus facilities and distance learning tools. Teaching excellence is achieved through deployment of qualified faculty members who bring their initial expertise as well as on-going scholarly and professional experiences.

Service and Community Engagement

The college and university offer several programs serving the academic and professional community as well as contributing to economic development. These include, but are not limited to: the Fort Hays State University Management Development Center, Fort Hays State University Small Business Development Center, Center for Economic Education, the Information Enterprise Institute, the Dane G. Hansen Scholarship Hall, *Symposium of International & Interdisciplinary Research* and the *Journal of International & Interdisciplinary Research*.

Service Area and Student Populations

Kansas and the surrounding states are the primary target markets for the college’s on-campus education while off-campus or virtual students are served worldwide. This recognizes the mission driven approach to serving the residents of the institution’s large, but lightly populated geographic Great Plains service area. It also takes a market smart approach, serving vital key constituencies such as members of the U.S. military, domestic distance learning students from across America, and complementary international markets with the college’s programs. A substantial portion of the university’s domestic and international enrollment consists of first-generation students.

Center for Economic Education

The Center for Economic Education presents economics workshops, seminars, and other programs for elementary and secondary school teachers in all academic disciplines from K-12 so the teachers can then integrate and infuse economics principles, concepts, and reasoning into their curriculum. The Center serves teachers in the western half of the state.

Robbins College of Business and Entrepreneurship

Dean’s Executive Advisory Council (DEAC)

DEAC members identify opportunities for partnerships between the Robbins College of Business and Entrepreneurship and the business community through activities such as:

- Developing student internships and employment opportunities,
- Exploring faculty and student consulting opportunities,
- Involving faculty members in practical business problems through the Management Development Center and the Small Business Development Center,
- Arranging for guest speakers from industry and other types of student-business interactions,
- Supporting outreach and funding operations, and bringing students into direct contact with business leaders (e.g., mentoring relationships, sponsoring business luncheons, etc.).

Robbins College of Business and Entrepreneurship Student Advisory Council (RCOBESAC)

The RCOBESAC serves as a liaison between the students, the administration, and the faculty of the Robbins College of Business and Entrepreneurship by coordinating student activities within the RCOBE. It is the voice of the student body and has the responsibility of creating and implementing programs of value to all Business and Entrepreneurship students.

The Student Advisory Council will:

- Provide an open forum for innovation and changes at the RCOBE;
- Enhance the visibility and augment the reputation of the RCOBE on campus and in the community;
- Be a supporting resource for prospective and incoming students; and
- Take a leadership role in activities that recognize Business and Entrepreneurship student achievements and promote the Robbins College of Business and Entrepreneurship.

Management Development Center (MDC)

The MDC is the executive education component linking Fort Hays State University's Robbins College of Business and Entrepreneurship and the served constituents. We are dedicated to providing clients with:

- High-quality business, management, and leadership training programs to enhance professional and organizational effectiveness;
- Result-oriented consulting services to help address the changing nature of the market place more successfully;
- A setting to build contacts with high-performing professionals and organizations; and resources of the university and its faculty, scholars, and practitioners in designing and facilitating training activities that brings value to people and organizations.

Scholarships for Robbins College of Business and Entrepreneurship Students

Individuals, businesses, and professional organizations contribute annually to support scholarships for worthy students majoring in programs offered by the Robbins College of Business and Entrepreneurship. Annual scholarship award ceremonies distribute scholarships and fellowships to undergraduate and graduate students.

Transfer Policy for Transfer of Community College Credits

A large number of students transfer each year into the programs offered by the Robbins College of Business and Entrepreneurship. For this reason, each year the various departments of the college prepare course transfer equivalency statements which are distributed to appropriate community colleges located in the FHSU service area. Students entering community colleges as freshmen and subsequently transferring into a Robbins College of Business and Entrepreneurship academic program will be allowed to transfer the following courses toward a major:

Course Hours

ACCT 203 Principles of Accounting I and	
ACCT 204 Principles of Accounting II	6
GBUS 204 Business Law I	3
MATH 250 Elements of Statistics	3
MATH 331 Calculus Methods	3
MIS 101 Introduction to Computer Information Systems	3
ECON 201 Principles of Economics: Micro and	
ECON 202 Principles of Economics: Macro	6

In conjunction with this policy, and consistent with the Association to Advance Collegiate Schools of Business (AACSB) International guidelines, the college will follow a validation procedure for certain upper-division courses. These courses are: BCOM 301 Business Communication; MKT 301 Marketing Principles; MGT 301 Management Principles; ACCT 305 Intermediate Accounting I; and FIN 305 Managerial Finance. Business courses other than those noted above will generally be acceptable for elective credit only. Specific transfer and articulation agreements take precedence over this transfer policy.

Students planning to transfer into programs offered by the college should check with the departmental chairs for transfer policy information.

Transfer Policy for Students Seeking Degrees in the Robbins College of Business and Entrepreneurship

It is a Robbins College of Business and Entrepreneurship requirement that at least 50% of the business credit hours required for the business degree be earned at FHSU. Transcript analysts from the Registrar's Office will monitor this standard to ensure compliance.

Second Degrees

Students who wish to obtain a second degree in business (BBA) from FHSU and already have a degree in business from a regionally accredited American university may have the FHSU Business Core requirements waived by the department chair associated with the major for the second degree. The department chair may waive all or part of the business core requirements depending on coursework needed for the specific major. Other university requirements for a second degree do not change.

Professional Pathways in the College of Arts, Humanities, and Social Sciences: The Robbins College of Business and Entrepreneurship MBA Option

A special cooperative program for undergraduates in the College of Arts, Humanities, and Social Sciences is available for those students interested in pursuing a Master of Business Administration degree. Under this program, College of Arts, Humanities, and Social Sciences students will be prepared to begin the MBA program without additional foundation courses. This joint program gives students the advantage of a solid liberal arts undergraduate education and the excellent employment prospects of a degree in business. A student will take the following courses in the Robbins College of Business and Entrepreneurship as part of an undergraduate program:

¹ ACCT 203 Principles of Accounting I	3
¹ ACCT 204 Principles of Accounting II	3
¹ FIN 305 Managerial Finance	3
¹ MGT 301 Management Principles	3
¹ MKT 301 Marketing Principles	3
¹ & ² MATH 250 Elements of Statistics	3
¹ & ² ECON 201 Principles of Economics: Micro	3
¹ & ² ECON 202 Principles of Economics: Macro	3

¹Courses are part of the minor in Business Administration. ²Courses can be used to fulfill requirements in General Education. BCOM 301 Business Communications, GBUS 204 Business Law I, and MATH 331 Calculus Methods are recommended as electives. Upon successful completion of this program, a student will have a minor in Business Administration and the necessary pre-requisites completed to finish an MBA in two years.

Participation in this program does not imply automatic admission to the MBA program. Regular application procedures are required and existing admission criteria must be met. Students should plan to submit application materials to the graduate business programs in the Robbins College of Business and Entrepreneurship during their senior year and take the Graduate Management Admission Test (GMAT) or Graduate Record Examination (GRE) prior to submitting their applications. Application materials for graduate business programs are available through the Director of Graduate Programs for the Robbins College of Business and Entrepreneurship.

Master of Business Administration

Master of Business Administration

The Master of Business Administration is a professional degree program for individuals with an undergraduate degree in any major. Its purpose is to prepare students for advancement into higher levels of management in their chosen fields. The program emphasizes management and administration in a rapidly changing environment. The MBA is designed to enhance competency in the functional areas of business administration by providing graduates with skills and perspectives needed for success.

Multiple instructional techniques are used in the MBA program, including case analyses, field studies, small group projects, research and analysis papers, problem solving, and computer applications. The development of oral and written communication skills is fostered.

Admission Requirements

Applications are accepted throughout the year and admissions are made on a continual basis. All materials should be received at least 60 days prior to the student's first enrollment. The FHSU Graduate School and MBA Committee will only review complete application packages, which must include the following:

- A paid graduate application;
- Current resume;
- Official transcripts from all undergraduate and graduate coursework (in English);
- Two (2) letters of recommendation (must be signed and on letterhead to be official)
- Personal statement from student indicating reasons for seeking a Master of Business Administration degree including professional and/or career goals and pertinent past work experience; and
- Other requirements as specified by the Fort Hays State University Graduate School.

All application materials should be sent to the FHSU Graduate School via email at gradschool@fhsu.edu or mail:

Graduate School
Fort Hays State University
600 Park Street
Hays, KS 67601

Questions regarding the application process can be directed to the FHSU Graduate School at 785-628-4236 or gradschool@fhsu.edu or the MBA Graduate Coordinator, at 785-628-5696 or gradcoordinator@fhsu.edu.

Master of Business Administration

Graduate Assistantships

The Robbins College of Business and Entrepreneurship annually awards a limited number of scholarships and graduate assistantships. The awards are based on GPA, campus involvement, financial need, and other criteria. For more information about graduate assistantships, contact the FHSU Graduate School.

Curriculum

The MBA degree program consists of 34 semester credit hours. Graduate courses taken at another regionally accredited college or university may count towards MBA degree, subject to approval by the MBA Committee. Typically, no more than six to nine student credit hours will be considered for transfer credit, and students are expected to complete their graduate coursework from Fort Hays State University upon matriculation into the MBA program. Students wishing for substitutions or exemptions must submit their requests through the Graduate Coordinator to the MBA Committee for evaluation and approval.

Foundation Courses

Students may need up to four foundation courses in conjunction with the 34-hour MBA degree program. Students with an undergraduate business degree from a regionally accredited four-year institution shall be waived from the foundation requirement. Students wishing for substitutions or exemptions for the foundation courses must submit their requests through the Graduate Coordinator to the MBA Committee for evaluation and approval.

Course Approval and Program Modification Process

Suggestions for MBA course changes or additions may come from any Robbins College of Business and Entrepreneurship faculty member. Course proposals and changes are presented to the MBA Committee for approval. Recommended changes to approved courses follow the traditional FHSU approval process.

Curriculum Review Teams

For each discipline represented in the MBA program, a curriculum review team of no less than three graduate faculty (if available) shall be appointed by the MBA Committee in consultation with the respective department chair. The curriculum review team is responsible for monitoring course quality and content, with final approval by the MBA Committee.

Each course shall be reviewed by the appropriate review team before it is taught and/or:

- After the online course is offered for three semesters;
- In conjunction with a major change in the course;
- At the request of the faculty course author or the MBA Committee

It is the responsibility of the MBA Committee to convene curriculum review teams and report outcomes to the Dean of the Robbins College of Business and Entrepreneurship. A report from each committee shall be submitted and reviewed by the MBA Committee and Robbins College of Business and Entrepreneurship Dean. The results of these reports shall be provided to the faculty course authors, RCOBE faculty, and other stakeholders.

Frequency of Course Offerings

The course rotation schedule will be determined by the MBA Committee. A rolling course schedule will be developed and posted in advance with the understanding that all classes will be available within a two-year period such that a full-time graduate student could complete the MBA degree in two years if so desired.

Minimum and Maximum Class Size

Sections should be designed and staffed to maximize interaction with faculty and fellow students with the anticipated guideline of a maximum of 25 students per section. Courses may be canceled due to small enrollment (fewer than ten students) at the MBA Committee's discretion.

Grade Point Average Requirements

No grade below C may be applied to graduation. No more than two grades of C may be applied toward graduation. No course taken for Pass/Fail or Credit/No-Credit or audited may be applied toward graduation. Each student must achieve acceptable scores on the MBA Major Field Test (MFT), the ETS Proficiency Profile, and the FHSU Post Test in order to graduate.

Students must maintain a cumulative GPA of B (3.00) in the 34-hour program courses. If, at the end of any semester, the cumulative GPA in the 34-hour program courses is below 3.00, the student will be given one semester to raise the cumulative GPA to 3.00 or better. If, after that semester, the cumulative GPA in the 34-hour program courses is still below 3.00, then the student may, at the discretion of the MBA Committee, be suspended from the MBA program.

Academic Honesty

The graduate programs closely adhere to the Academic Honesty policy as stated in this catalog's Graduate School section. All students are expected to read and follow this policy.

Review

This policy and related procedures are subject to periodic review by the MBA Committee.

Master of Business Administration Concentrations

Accounting Concentration:

ACCT 601G: Advanced Accounting
ACCT 610G: Advanced Tax Procedure
ACCT 608G: CPA Problems

Agribusiness:

AGRI 820: Agricultural Risk Management
AGRI 850: Strategic Planning in Agricultural Business
AGRI 860: Organizational Behavior in Agricultural Business

Corporate Communication:

BCOM 601G: Managerial Communication
BCOM 673G: Problems in Business Communication
BCOM 690G: Professional Development
BCOM 692G: Managerial Reports & Presentations
BCOM 695G: Corporate Communication

Digital Marketing:

Choose three from the following:
MKT 602G: Integrated Marketing Communications
MKT 609G: Strategic Electronic Marketing
MKT 610G: Social Media Marketing
MKT 611G: Social Media Marketing Content and Analytics

Finance:

ECON 640G: Money and Banking
FIN 641G: Financial Institutions
FIN 645G: International Finance

Healthcare Management:

Choose 3 classes from the following electives:
NURS 861: Complexity in Healthcare Organizations
NURS 862: Administration Management in Health Care Organizations
HHP 610: Global Health
HHP 630: Administration in Health Care
HHP 625: Legal Issues in Health Care
HHP 811: Health Promotion Programming

Health and Human Performance/Sports Management:

HHP 655G: Sports Planning and Promotion
HHP 855: Legal Issues in Health and Human Performance
HHP 860: Facilities in Physical Education and Athletics

Human Resource Management (HRM)

MGT 611G: Human Resource Management (prerequisite for all other HRM classes)
Choose 2 classes from the following electives:
MGT 612G: Recruitment Selection and Retention
MGT 612G: Recruitment Selection and Retention
MGT 614G: Training and Development

Information Assurance:

INF 684G: Foundations of Information Systems Security
INF 880: Management of Information Security
INF 885: Information Risk Management and Disaster Recovery

International Business:

MKT 606G: International Marketing
ECON 644G: International Economics
FIN 645G: International Finance

Leadership:

LDRS 801: Theoretical Foundations of Leadership
LDRS 802: Organizational Systems, Change, and Leadership
LDRS 807: Leadership in Teams and Collaborative Environments

Management Information Systems:

MIS 602G: Information Systems Design and Development
INF 658G: Law of Cyberspace
An MIS or INF elective as approved (3 hours)

Marketing:

MKT 604G: Marketing Research
MKT 601G: Consumer Behavior
MKT 609G: Strategic Electronic Marketing

Operations Management:

MGT 600G: Lean Systems
MGT 602G: Production and Operations Management
MGT 603G: Supply Chain Management
MGT 608G: Total Quality Management

Tourism and Hospitality Management:

Choose 3 classes from the following electives:
THM 620G: Principles & Practices in Tourism and Hospitality Management
THM 621G: Tourism & Hospitality Marketing
THM 622G: Service Operations
THM 623G: Meetings, Conventions, & Events Management
THM 624G: Hotel & Resort Management
THM 625G: International Hospitality: Problems and Planning

General MBA (no concentration - choose any nine credits of MBA concentration courses)

Course Listings - Master of Business Administration

800 Graduate Success Lab (0) This lab is designed to provide new graduate learners the knowledge and skills they need to be successful in their program. The lab familiarizes learners with the FHSU online environment and support resources provided to ensure success. Learners build skills in the selection and use of methods, techniques, and library or online resources. This course is taken at the beginning of the first semester and is a required foundation course for all other graduate courses. It may be taken concurrently with other graduate courses during a student's first semester.

811 Advanced Managerial Accounting (3) The study of how internal accounting/operational information, formal models, and analytical techniques may be used within the firm to assist managers in their control and decision-making activities. Emphasis is placed on considering both quantitative and qualitative factors when making decisions. Requisite: PR, GRAD standing, GBUS 803 or permission of MBA Advisor.

812 Marketing Management (3) A managerial approach to marketing focusing on concepts and strategies designed to enhance executive decision making. Topics include customer relationships and satisfaction, market segmentation and targeting, marketing research, products, pricing, promotion, and distribution. Requisite: PR, GRAD standing, GBUS 802 or permission of MBA Advisor.

813 Information Systems for Management (3) The study of the managerial implications of information systems in modern business organizations; advanced consideration in the evaluation, selection, and administration of management information systems; and contemporary issues managers must address in today's digital society including the importance of protecting data and assuring data integrity or protection of data in specialized businesses such as the financial industry and the medical industry. Requisite: PR, GRAD standing.

814 Business Research and Quantitative Methods (3) The course includes a review of the scientific method and its application to the business research process, data preparation, analysis and presentation of the research output (written and oral) for management's use in making accurate, informed decisions. Application of quantitative techniques to business decision-making (hypothesis testing, regression, model building, and logistic regression) with extensive use of an application/statistical software will be emphasized. Requisites: PR, GRAD standing, GBUS 804 or permission of MBA advisor.

815 Managerial Economics: Theory and Application (3) Application of economic theory and quantitative tools to managerial decision making problems within various organizational settings. Topics include demand analysis, production and cost theory, techniques for estimating and forecasting demands and costs, pricing decisions, and government regulations. Requisites: PR, GRAD, GBUS 801 or Econ 201 or ECON 202; Admission to the MBA program or permission of MBA Advisor.

816 Advanced Corporate Finance (3) A study of the theory and application of corporate financial management. Topics include:

decision making under uncertainty, financial analysis and forecasting, working capital management, capital structure decisions, dividend policy, capital budgeting, valuation and portfolio management, mergers, and international financial management. Requisite: PR, GRAD standing, GBUS 804 or MATH 250 and FIN 305, admission to MBA program or permission of MBA advisor.

817 Strategic Management (3) A study of the integrative functions of senior corporate management in long-range strategic planning and decision making. This is a capstone course which utilizes all the skills, tools and knowledge developed earlier in the graduate program. This course should be taken during the last term of a student's graduate program. Requisite: PR, GRAD standing, PERM, GBUS 802 or MKT 301 and MGT 301.

820 Critical Issues Seminar (3) The purpose of the seminar is to bring together a small group of students for intensive study and discussion of one or more selected topics in one of the fields of business administration. Requisite: PR, GRAD standing and PERM.

831 Organizational Behavior in Global Context (3) The course moves from the theory to the practical applications of leadership and organizational behavior. Course activities focus on the individual within the organizational context. Students will explore organizational improvement strategies as well as the topics of interpersonal skills, person perception, motivation, communication, problem solving, decision-making, conflict and change. Requisite: PR, GRAD standing, PERM, GBUS 802, or MKT 301, and MGT 301, admission to MBA program or permission of MBA advisor.

890 Contemporary Environment of Business (3) This class will address business in the contemporary environment. The focus will be on the modern global business enterprise and its place in society. Emphasis will be placed on values, ethics, culture, politics, law, and regulation using current events as a framework for study and discussion. This course requires students to participate in a guided FHSU RCOBE international study experience at their own expense. PR, Admission to MBA program or permission of MBA Advisor. Requisite: PR, PERM.

899 Thesis + (3) This class provides an additional option for the student, resulting in a specific final research paper or project. Thesis is designed to provide empirical study in preparation for further academic work. A student may enroll in this course a maximum of two times. Advisor and faculty permission required during a student's first semester in the MBA program. Requisite: PR, GRAD standing and PERM.

* General Education Course
+ Course may be repeated
Lab Required
PERM: Permission
PR: Pre-requisite
PERM: Permission

Department of Applied Business Studies

Academic Programs

In the current business climate it is more important than ever to be a prepared, valuable employee. This preparation goes beyond having the knowledge to solve job related problems; to be prepared you will need to be flexible, creative, and proactive. To be considered a valuable employee you must be able to work with individuals from different areas, consider innovative ways to solve problems and positively promote your employer, you must also be on the lookout for the latest trends. These traits, paired with the knowledge you will gain from a degree in the Applied Business Studies, will prepare you to be successful in the future.

Undergraduate Degrees

The Department of Applied Business Studies will prepare you in the field of your choice. We offer Bachelor of Business Administration (B.B.A.) in Marketing. Also offered is a Bachelor of Science (B.S.) in Business Education or Tourism and Hospitality Management. Our degree programs are offered on-campus and virtually. This allows you to earn a degree halfway around the world! With on-campus and virtual degrees in the fastest- growing industries in business, graduating from the Department of Applied Business Studies is the first step in starting a rewarding career.

Department of Applied Business Faculty & Staff

See department page online for full listing

Bachelor of Science: Business Education (Teacher Licensure)

Did you have a teacher who made an impact in your life? With a concentration in business teacher licensure you can be the inspiration for today's youth and tomorrow's business leaders when you are licensed to teach business classes in middle school and high school. The business teacher licensure program at FHSU includes a double major in Secondary Education. Upon graduation you will receive a Bachelor of Science in Business Education with a Concentration in Business Teacher Licensure as well as a Bachelor of Science in Secondary Education.

Possible Careers: Marketing Teacher, Computer Teacher, Curriculum Developer, Coach, or DECA, FBLA, BPA Advisor

To graduate with a degree in Business Education with a concentration in Business Teacher Licensure, you must complete the following: [For a digital format of the degree program for students admitted for Fall 2023 and after, please click here.](#)

PROGRAM SUMMARY CREDIT HOURS

General Education Requirements (34 Credit Hours)
Major Core, includes Software and Related Electives (39 Credit Hours)
Business Teacher Licensure Concentration (16 Credit Hours)
Secondary Education Major (31 Credit Hours)
Total 122 Credit Hours

Major Core - 30 Hours

BCOM 300 Spreadsheet Applications
BCOM 301 Business Communication
GBUS 204 Business Law I
LDRS 306 Leadership & Team Dynamics
MGT 301 Management Principles
INF 304 Management Information Systems
MKT 301 Marketing Principles

Software Applications - Choose 1 (3 Hrs.)

INF 250 Intro to Web Development
INF 322 Intro to Web Technologies

Related Electives- Choose 2 (6 Hrs.)

MKT 403 Retail Management
MKT 601 Customer Behavior
MKT 609 Strategic Electronic Marketing
THM 625 International Hospitality
THM 632 Sustainable Tourism & Event Management

Business Teacher Licensure Concentration - 16 Hours

ACCT 203 Principles of Accounting I
MGT 611 Human Resource Management
BUED 277 Early Field Exp: Business Education (1 Credit Hour)
BUED 422 Teaching Accounting and Info Systems
BUED 423 Curriculum and Instruction in Business
BUED 613 Organization and Administration of Career and Technical Education

Secondary Education Major (31 Hours)

TECS 301 Introduction to Instructional Technology
TEEL 202 Foundations of Education
TEEL 231 Human Growth & Development
TEEL 431 Educational Psychology
TESP 302 Educating Exceptional Students
TESS 494 The Secondary School Experience (4 Credit Hours)
TESS 496 Student Teaching (12 Credit Hours)

General Education Cognates

FIN 205 Theory and Practice of Personal Finance
IDS 350 Diversity in the U.S.
MATH 250 Elements of Statistics
Economics Choice - Choose 1
ECON 201 Principles of Econ.: Micro
ECON 202 Principles of Econ.: Macro

In addition to requirements specific to the student's Business Education degree, FHSU requires every student to demonstrate foundational skills and perspectives that allow graduates to understand the relationship of their chosen field with other fields and society. The "General Education Cognates" section specifies 12 hours that must be completed within the [FHSU general education program](#).

Bachelor of Science: Business Education (Corporate Communications)

If you desire flexibility in your course of study, but still want to have a rewarding career in business, look into a concentration in corporate communication. The career possibilities for the corporate communication graduate include management positions such as directors of communication, public relations, and media relations in the corporate world and in private business.

Possible Careers: Communications Specialist, Chief Communications Officer, Labor Relations Specialist, Media Relations Specialist, or Public Relations Specialist

To graduate with a degree in Business Education with a concentration in Corporate Communication, you must complete the following:

[For a digital format of the degree program for students admitted for Spring 2020 and after, please click here.](#)

PROGRAM SUMMARY CREDIT HOURS

General Education Requirements (34 Credit Hours)
Major Core, includes Software and Related Electives (39 Credit Hours)
Corporate Communication Concentration (48 Credit Hours)
Total 121 Credit Hours

Major Core - 30 Hours

BCOM 300 Spreadsheet Applications
BCOM 301 Business Communication
GBUS 204 Business Law I
LDRS 306 Leadership & Team Dynamics
MGT 301 Management Principles
INF 304 Management Information Systems
MKT 301 Marketing Principles

Software Applications - Choose 1

INF 250 Intro to Web Development
INF 322 Intro to Web Technologies

Related Electives - Choose 2

MKT 403 Retail Management
MKT 601 Customer Behavior
MKT 609 Strategic Electronic Marketing
THM 625 International Hospitality
THM 632 Sustainable Tourism & Event Management

Corporate Communication Concentration - 48 Hours

BCOM 201 Intro to Corporate Communication
BCOM 210 Intro to Professional Development
BCOM 310 Database Applications
BCOM 350 Business Communication Applications
BCOM 400 Global Business Communication
BCOM 601 Managerial Communication
BCOM 690 Professional Development
BCOM 692 Managerial Reports & Presentations
BCOM 695 Corporate Communication Strategy
MKT 602 Integrated Marketing Communications
Electives by Advisement (18 hrs.)

General Education Cognates

FIN 205 Theory and Practice of Personal Finance
IDS 350 Diversity in the U.S.
MATH 250 Elements of Statistics
Economics Choice - Choose 1
ECON 201 Principles of Econ.: Micro
ECON 202 Principles of Econ.: Macro

In addition to requirements specific to the student's Business Education degree, FHSU requires every student to demonstrate foundational skills and perspectives that allow graduates to understand the relationship of their chosen field with other fields and society. The "General Education Cognates" section specifies 12 hours that must be completed within the [FHSU general education program](#).

Continued Education Opportunities

Students have the opportunity to continue their education as a graduate student through the Fort Hays State University Master of Liberal Studies program with a Corporate Communications concentration. For more information about this program, contact Dr. Rose Helens-Hart at rhhelenshart@mail.fhsu.edu or at 785-628-4019; you can also visit the [MLS Corporate Communication page](#) on the graduate school's website.

Bachelor of Science: Business Education (Talent Development)

Are you interested in helping employees perform their jobs better? Do you want to help make corporations more efficient? If so, the concentration in training and development is the program for you! Learn about management and collaboration systems, web applications, training programs, and so much more. When you graduate, you will be prepared to design and deliver training programs to employees of all levels.

Possible Careers: Training Manager, Business Development Director, Compliance Director, Director of Training and Development, Learning and Development Director

To graduate with a degree in Business Education with a concentration in Talent Development, you must complete the following:

[For a digital format of the degree program for students admitted for Spring 2023 and after, please click here.](#)

PROGRAM SUMMARY CREDIT HOURS

General Education Requirements (34 Credit Hours)
Major Core, includes Software and Related Electives (39 Credit Hours)
Talent Development Concentration (48 Credit Hours)
Total 121 Credit Hours

Major Core - 30 Hours

BCOM 300 Spreadsheet Applications
BCOM 301 Business Communication

GBUS 204 Business Law I
LDRS 306 Leadership & Team Dynamics
MGT 301 Management Principles
INF 304 Management Information Systems
MKT 301 Marketing Principles

Software Applications - Choose 1

INF 250 Intro to Web Development
INF 322 Intro to Web Technologies

Related Electives - Choose 2

MKT 403 Retail Management
MKT 601 Customer Behavior
MKT 609 Strategic Electronic Marketing
THM 625 International Hospitality
THM 632 Sustainable Tourism & Event Management

Talent Development Concentration - 48 Hours

BCOM 210 Intro to Professional Development
BCOM 310 Database Applications
BCOM 350 Business Communication Applications
BUED 421 Electronic Media in Instruction
BUED 612 Methods of Talent Development
MGT 410 Organizational Behavior
MGT 611 Human Resource Management
MGT 614 Training & Development
TECS 301 Intro to Instructional Technology
Electives by Advisement (21 hrs.)

General Education Cognates

FIN 205 Theory and Practice of Personal Finance
IDS 350 Diversity in the U.S.
MATH 250 Elements of Statistics
Economics Choice - Choose 1
ECON 201 Principles of Econ.: Micro
ECON 202 Principles of Econ.: Macro

In addition to requirements specific to the student's Business Education degree, FHSU requires every student to demonstrate foundational skills and perspectives that allow graduates to understand the relationship of their chosen field with other fields and society. The "General Education Cognates" section specifies 12 hours that must be completed within the [FHSU general education program](#).

Bachelor of Business Administration: Marketing

Marketing is about being an advocate for the customer and providing the customer's voice to the rest of the company. It is both a science and an art - great marketing is systematic and analytic (like analyzing marketing research or describing and selecting customer segments) but is also creative (like creating a compelling ad or writing great content for social media). Marketers develop, promote, and price products and decide where to sell those products to create long-term relationships with customers.

The information below only highlights the course requirements for the BBA core, the Marketing major core, and Marketing and Marketing-related electives. Please refer to the FHSU course catalog for a complete description of degree requirements for the BBA in Marketing. Bachelor of Business Administration majors planning to register in upper-division business core courses (numbered 300 and above) must satisfy the following requirements: (1) achieve junior standing by completing a minimum of 60 semester hours; and (2) complete 10 specific courses with at least a GPA of 2.25: ACCT 203, ACCT 204, ECON 201, ECON 202, ENG 101, ENG 102, COMM 100, INF 101, MATH 110, and MATH 250.

To graduate with a B.B.A. Degree with a Major in Marketing, you must complete the following:

For a digital format of this degree program, please [click here](#).

Program Summary Credit Hours

General Education Requirements (34 Credit Hours)

College of Business Core (27 Credit Hours)

Marketing Core (18 Credit Hours)

Marketing Electives (12 Credit Hours)

Free Electives (29 Credit Hours - including a 1-hour Freshman Seminar course)

Total 120 Credit Hours

College of Business Core - 27 Hours

ACCT 203 Principles of Accounting I

ACCT 204 Principles of Accounting II

BCOM 301 Strategic Business Communication

FIN 305 Managerial Finance

GBUS 204 Business Law I

MGT 301 Management Principles

MGT 602 Production and Operations Management

MGT 650 Business Policy

MKT 301 Marketing Principles

Marketing Core - 18 Hours

MKT 302 Strategic Selling

MKT 601 Consumer Behavior

MKT 604 Marketing Research

MKT 606 International Marketing

MKT 650 Marketing Strategy

MKT 610 Social Media Marketing

Free Electives - 29 Hours

BCOM 210 Introduction to Professional Development

BCOM 400 Global Business Communication

COMM 348 Introduction to Public Relations and Advertising

COMM 414 Business and Professional Speaking

COMM 601 Persuasion

ENTR 301 Introduction to Entrepreneurship

ENTR 350 Opportunity Development and Creativity

ENTR 401 Opportunity Evaluation

ENTR 605 New Venture Creation

LDRS 300 Introduction to Leadership Concepts

LDRS 302 Introduction to Leadership Behavior

LDRS 310 Field Work in Leadership Studies

MGT 475 Business, Society, and Ethics

MGT 606 International Business

THM 621 Tourism and Hospitality Marketing

MGT 101 Introduction to Business

Marketing Electives - 12 Hours

MKT 400 Marketing Internship

MKT 402 Sales Management

MKT 602 Integrated Marketing Communications

MKT 607 Business-to-Business Marketing

MKT 609 Strategic Electronic Marketing

MKT 611 Social Media Marketing Content and Analytics

MKT 673 Sales and Service Technology

MKT 673 Marketing Analytics

Strategy

MKT 403 Retail Management

MKT 673 Sport Marketing

General Education Cognates

ECON 201 Principles of Economics: Micro
ECON 202 Principles of Econ.: Macro
MATH 250 Elements of Statistics
MATH 331 Calculus Methods **OR** MATH 234 Analytic Geometry & Calculus I

In addition to requirements specific to the student's Marketing degree, FHSU requires every student to demonstrate foundational skills and perspectives that allow graduates to understand the relationship of their chosen field with other fields and society. The "General Education Cognates" section specifies 12 hours that must be completed within the [FHSU general education program](#)

Bachelor of Science in Tourism and Hospitality Management: Tourism and Hospitality Management

Do you love to travel and immerse yourself in diverse cultures? Whether sailing the seas on a cruise ship, running a hotel, restaurant, quaint bed and breakfast, or working in a corporate office, the tourism and hospitality management program prepares students to succeed in the world of travel and tourism - one of the world's fastest growing industries.

Tourism and Hospitality ranks in the top three industries in all 50 states. Travel and tourism in the United States is a \$1.3-trillion industry and is among the nation's largest employers with 13 million direct travel-related jobs. If you are interested in organizing events, making sure conferences go smoothly, and ensuring that hotels run like a well-oiled machine, tourism and hospitality management is the program for you!

Possible Careers: Cruise Director, Casino Manager, Event Planner, Restaurant Owner, Meeting and Convention Management

Hays Daily News, the local newspaper, interviewed Dr. Stacey Smith, the Tourism and Hospitality Management Director. [Check out what they had to say!](#)

To graduate with a degree in Tourism and Hospitality Management, you must complete the following:

[For a digital format of the degree program for students admitted for Fall 2023 and after, please click here.](#)

Program Summary Credit Hours

General Education Requirements (34 Credit Hours)
College of Business Core (24 Credit Hours)
Tourism and Hospitality Management Core (23 Credit Hours)
Required Electives (12 Credit Hours)
Free Electives (27 Credit Hours)
Total 120 Credit Hours

College of Business Core - 24 Hours

ACCT 203 Principles of Accounting I
BCOM 210 Introduction to Professional Development
BCOM 300 Spreadsheet Applications
BCOM 301 Strategic Business Communication
GBUS 204 Business Law I
MGT 301 Management Principles
MGT 611 Human Resource Management
MKT 301 Marketing Principles

Tourism and Hospitality Management Core - 23 Hours

THM 620 Principles and Practices in Tourism and Hospitality Management
THM 621 Tourism and Hospitality Marketing
THM 622 Service Operations Management
THM 625 International Hospitality: Problems and Planning
THM 629 Tourism and Hospitality Industry Internship
THM 632 Sustainable Tourism & Events
MLNG 226 Beginning Spanish II for Tourism & Hospitality

Required Electives - 12 Hours

THM 601X Special Topics in THM
THM 601 Foundations of Wine
THM 623 Meetings, Conventions, & Events Management
THM 624 Hotel & Resort Management
THM 626 Food & Beverage Management
THM 627 Casino Management
THM 628 Health & Wellness Tourism
THM 630 Spa Facility & Destination Management
THM 601 Revenue Management
MKT 610 Social Media Marketing

Suggested Free Electives - 27 Hours

MGT 101 Intro. to Business
MKT 606 International Marketing
BCOM 400 Global Business Communication
COMM 348 Intro. to Public Relations & Advertising
COMM 414 Business & Professional Speaking
COMM 601 Persuasion
ENTR 301 Intro. to Entrepreneurship
ENTR 350 Opportunity Development & Creativity
ENTR 401 Opportunity Evaluation
ENTR 605 New Venture Creation
LDRS 300 Intro. to Leadership Concepts
LDRS 302 Intro. to Leadership Behaviors
LDRS 310 Field Work in Leadership Studies
MGT 475 Business, Society, & Ethics
MGT 606 International Business
MKT 607 Business-to-Business Marketing

General Education Cognates

MATH 250 Elements of Statistics
MLNG 225 Beginning Spanish I
Economics Choice - Choose 1
ECON 201 Principles of Economics: Micro
ECON 202 Principles of Economics: Macro

In addition to requirements specific to the student's Tourism and Hospitality Management degree, FHSU requires every student to demonstrate foundational skills and perspectives that allow graduates to understand the relationship of their chosen field with other fields and society. The "General Education Cognates" section specifies 11 hours that must be completed within the [FHSU general education program](#).

Minors in Applied Business Studies

Minors are 21 hours programs offered in a variety of areas and can be paired with a degree program to fine tune your future plans. Minor programs include Business Administration, Business Communication, and Marketing. Business Administration minors are not available for business majors.

Minor in Business Communication

BCOM 250 Word Processing Applications
BCOM 300 Spreadsheet Applications
BCOM 301 Business Communication
BCOM 310 Database Applications
BCOM 400 Global Business Communication
BCOM 601 Managerial Communication
BCOM 690 Professional Development

Minor in Marketing

MKT 301 Marketing Principles
MKT 601 Consumer Behavior
MKT 604 Marketing Research
MKT 606 International Marketing
MKT 609 Strategic Electronic Marketing
MKT 650 Marketing Strategy
MKT XXX Marketing Elective

(MATH 250 Elements of Statistics is recommended as a general education elective)

**Business majors cannot include MKT 301 toward a marketing minor; please substitute another marketing elective.*

Minor in Tourism & Hospitality Management

The initial 12 credit hours are set:

THM 620 Tourism & Hospitality Management
THM 622 Service & Operations Management
THM 632 Sustainable Tourism & Events
THM 625 International Hospitality: Problems & Planning

Students are allowed to select the remaining 9 credit hours by advisement:

THM 601 Special Topics in THM
THM 621 Tourism and Hospitality MKT
THM 623 Meetings, Conventions, & Events Management
THM 624 Hotel and Resort Management
THM 626 Food and Beverage Management
THM 627 Casino Management
THM 628 Health and Wellness Tourism
THM 630 Spa Facility & Destination Management

Certificates in Applied Business Studies

Diversify the Business of Your Future with Specialized Certificates

Fort Hays State University offers a variety of business certificates that allow you to explore an area of interest in more depth, give you more expertise in an area and augment your degree and resume to prime you for every opportunity today – and tomorrow. Each certificate requires only 9 or 12 credit hours, and all certificates are available to on campus or virtual students.

Applied Business Studies Certificates

- [Certificate in Business Report Writing \(PDF\)](#)
- [Certificate in Business Development and Sales \(PDF\)](#)
- [Certificate in Digital Business Communication \(PDF\)](#)
- [Certificate in Economic Justice & Advocacy \(PDF\)](#)
- [Certificate in Marketing \(PDF\)](#)
- [Certificate in Professional Development \(PDF\)](#)
- [Certificate in Social Media Marketing \(PDF\)](#)
- [Certificate in Tourism and Hospitality Management \(PDF\)](#)
- [Certificate in Tourism and Hospitality Marketing \(PDF\)](#)
- [Certificate in Workforce Development \(PDF\)](#)

Certificate programs require 9 or 12 credit hours and are composed of courses specific to an area of study. All classes leading to a certificate must be taken for credit and courses cannot be counted towards more than one certificate.

Apply Today for Your Business Certificate Specialty

You can start today on expanding your education in business with a focus on complementary disciplines by submitting an “Intent to Complete Certificate” form. Students are designated as certificate students when they submit an "Intent to Complete Certificate" form (*you will find these forms accompanying each certificate listed below*). Please print, complete the form and mail, e-mail or deliver it to:

**Department of Applied Business Studies
Fort Hays State University
600 Park Street**

McCartney Hall 113
Hays, KS 67601
E-mail: abs@fhsu.edu

Upon completion of certificate requirements, the department chair will authorize the issuance of a printed certificate. Please note that certificate programs are not listed on a student's official transcript; however, completion of a certificate should be included on a student's resume to demonstrate attainment of a level of education in a marketing or tourism and hospitality management discipline, which is more than completing a certain number of academic courses.

Attaining an Applied Business Studies certificate at FHSU will improve the marketability of your resume as you advance in your career.

Business Report Writing

[Intent to Complete Certificate form \(PDF\)](#)

Required courses (9 hours):

- BCOM 301 Business Communication
- BCOM 601 Managerial Communication
- BCOM 692 Managerial Reports & Presentations

Business Development and Sales

[Intent to Complete Certificate form \(PDF\)](#)

Required courses (3 hours):

- MKT301 Marketing Principles

Choose three courses (9 hours) from the following:

- MKT 302 Strategic Selling
- MKT 402 Sales Management
- MKT 607 Business to Business Marketing
- MKT 673 Sales and Service Technology

Digital Business Communication

[Intent to Complete Certificate form \(PDF\)](#)

Required courses (12 hours):

- BCOM 250 Word Processing Applications
- BCOM 300 Spreadsheet Applications
- BCOM 310 Database Applications
- BCOM 350 Business Communication Applications

Economic Justice & Advocacy

[Intent to Complete Certificate form \(PDF\)](#)

Required courses (7 hours):

- CRJ 100 Economic Justice and Advocacy (1 hr)
- BCOM 210 Introduction to Professional Development
- CRJ 367 Victim Advocacy

Choose one course (3 hours) from the following:

- SOC 664 Social Entrepreneurship and Grassroots Social Action
- SOC 680 Nonprofit Organizations

Marketing

Intent to Complete Certificate form (PDF)

Required courses (3 hours):

- MKT 301 Marketing Principles

Choose three courses (9 hours) from the following:

- MKT 302 Strategic Selling
- MKT 402 Sales Management
- MKT 403 Retail Management
- MKT 601 Consumer Behavior
- MKT 602 Integrated Marketing Communications
- MKT 604 Marketing Research
- MKT 606 International Marketing
- MKT 607 Business-to-Business Marketing
- MKT 609 Digital Marketing
- MKT 610 Social Media Marketing
- MKT 611 Social Media Marketing Content & Analytics
- MKT 673 Sales and Service Technology
- MKT 673 Marketing Analytics
- MKT 673 Sport Marketing Strategy

Professional Development

Intent to Complete Certificate form (PDF)

Required courses (9 hours):

- BCOM 210 Intro. to Professional Development
- BCOM 301 Business Communication
- BCOM 400 Global Business Communication

Social Media Marketing

Intent to Complete Certificate form (PDF)

Required courses (12 hours):

- MKT 301 Marketing Principles
- MKT 609 Digital Marketing
- MKT 610 Social Media Marketing
- MKT 611 Social Media Marketing Content and Analytics

Tourism and Hospitality Management

Intent to Complete Certificate form (PDF)

Required course (3 hours):

- 620 Principles & Practices in Tourism & Hospitality Management

Choose three courses (9 hours) from following:

- THM 601 Special Topics in THM (1,2 or 3)
- THM 621 Tourism and Hospitality Marketing
- THM 622 Service Operations Management
- THM 623 Meetings, Conventions and Events Management
- THM 624 Hotel and Resort Management
- THM 625 International Hospitality: Problems and Planning
- THM 626 Food and Beverage Management
- THM 627 Casino Management
- THM 628 Health and Wellness Tourism
- THM 630 Spa Facility and Destination Management
- THM 631 Medical Tourism
- THM 632 Sustainable Tourism and Events

Tourism and Hospitality Marketing

Intent to Complete Certificate form (PDF)

Required courses (9 hours):

- THM 621 Tourism and Hospitality Marketing
- MKT 301 Marketing Principles
- MKT 610 Social Media Marketing

Choose one course (3 hours) from following:

- THM 601 Special Topics in THM (1, 2 or 3)
- THM 620 Principles and Practices in Tourism and Hospitality Management
- THM 622 Service Operations Management
- THM 623 Meetings, Conventions and Events Management
- THM 624 Hotel and Resort Management
- THM 625 International Hospitality: Problems and Planning
- THM 626 Food and Beverage Management
- THM 627 Casino Management
- THM 628 Health and Wellness Tourism
- THM 630 Spa Facility and Destination Management
- THM 631 Medical Tourism
- THM 632 Sustainable Tourism and Events

Workforce Development

Intent to Complete Certificate form (PDF)

Required courses (9 hours):

- BUED 421 Electronic Media in Instruction
- BUED 612 Business Communication
- BCOM 350 Business Communication Applications

Graduate Certificate in Business Communication

Choose three courses (9 hours) from following:

- BCOM 601G Managerial Communication
- BCOM 680G Strategic Communication for Managing Diversity and Inclusion
- BCOM 690G Professional Development
- BCOM 692G Managerial Reports and Presentations
- BCOM 695G Corporate Communication Strategy

Graduate Certificate in Business Education

Choose three courses (9 hours) from following:

- BUED 612G Business Communication
- BUED 613G Organization and Administration of Career and Technical Education
- BUED 615G Selection & Organization of Subject Matter in CTE
- BUED 820 Principles, Problems, and Trends in Business Education
- BUED 821 Teaching Office Information Systems
- BUED 824 Business Education Curriculum
- BCOM 680G Strategic Communication for Managing Diversity and Inclusion

Master of Professional Studies: Professional Studies (Workforce Development – Accelerated)

The Accelerated MPS in Workforce Development is designed to allow high-achieving undergraduate students in the Bachelor of Science in Business Education (Corporate Communication or Talent Development) to begin graduate coursework early. Students are allowed to use 6 credit hours of graduate work to count both toward the MPS and BSBE degree programs.

Admission Requirements

- Preferred Application Deadline: Fall (May 1), Spring (December 1), Summer (April 1). Applications may be submitted anytime and will be reviewed on a rolling basis.
- Domestic student
- Junior standing
- Completion of at least one semester of FHSU coursework
- 3.25 cumulative GPA
- Completed personal statement identifying interest in the degree and accelerated program
- Two letters of recommendation
- Résumé
- Completed online Graduate School application indicating Accelerated MPS in Workforce Development program

Degree Requirements

Once admitted to the accelerated program, students must successfully complete all undergraduate degree requirements. Six credit hours of coursework can be shared between the MPS and BSBE, pending a “B” grade or better in all accelerated courses.

MPS Core Courses – 9 Credit Hours [All Online]

Course Name	Credits
AEP 803 Educational Research	3
AEP 858 Data Analysis and Assessment	3
BUED 613G Organization and Administration of CTE	3

Workforce Development Concentration – 12 Credit Hours [All Online]

Course Name	Credits
BUED 611G Principles and Philosophy of CTE	3
BUED 615G Selection and Organization of Subject Matter	3
BCOM 680G Strategic Communication Diversity and Inclusion	3
BUED 612G Methods of Talent Development	3

Cognate Field – 6 Credit Hours

In coordination with Academic Advisor

Workforce Development Culminating Experience – 3 Credit Hours

BUED 820 – Principles, Problems, and Trends in CTE

Total Requirements to Complete Program – 30 Credit Hours

Course Listings – Applied Business Studies

Business Communication Undergraduate Credit

201 Intro to Corporate Communication (3) An introductory course in the various aspects of internal and external stakeholder communication. This course includes a study of the mechanics and basic principles of composing stakeholder messages.

210 Intro to Professional Development (3) An introductory course in the development of professional behavior and social skills. Emphasis will be on social rapport, etiquette, career planning and the use of technology to enhance one's professional image and network.

214 Computerized Transcription (3) This course emphasizes machine transcription techniques, correct style, formatting, and language arts skills; the importance of good listening habits and proofreading skills are stressed; and qualitative and quantitative standards of mailability are the ultimate objectives in the transcription course.

220 Office Automation (3) An introductory course which emphasizes the interaction of people, processes, and technologies that form office information systems within contemporary organizations. Includes an examination of critical human factors currently at the forefront of office systems planning and an identification of emerging technologies likely to influence office systems as these technologies mature. The course encompasses all forms of communication and the use of technology to support business and professional communication.

250 Word Processing Applications (3) This course emphasizes the development of text editing/word processing skills; special emphasis will be placed on the development of basic and advanced word processing functions for the efficient use of display-type word processing equipment. Sophisticated computer text editing equipment will be used.

273 Problems in Information Systems Administration I (1-3) 1] Business Communication and 2] Information Systems Administration. The student will work directed problems related to a field of business communication or information systems administration. This course will not substitute for any departmental theory course. Permission of department chair is required before enrollment. See advisor for details.

300 Spreadsheet Applications (3) A comprehensive study of the major features of spreadsheet applications. Students will learn how to operate spreadsheet application software as used in business. Major features will cover the creation, usage, maintenance, and management of spreadsheets. Decision-making and problem-solving skills are integrated throughout the course. Requisites: PR, MIS 101 or equivalent.

301 Strategic Business Communication (3) A study of the various aspects of business communication. The course includes the application of the principles of written communication to business letters and reports, the development of listening skills, nonverbal communication skills, job search techniques, and presentational speaking techniques. Requisites: junior standing.

305 Speech Recognition & Presentation Applications (3) A comprehensive study of the major features of speech recognition and presentation applications software. Students will learn how to operate speech recognition and presentation application software that incorporates web-based components as used in business. Major features will cover the creation of interactive, web-based, on-screen presentations. In conjunction with these skills the student will also learn basic html codes and how to publish and maintain web sites. Decision making and problem-solving skills are integrated throughout the course. Requisites: PR, BCOM 250 or equivalent.

310 Database Applications (3) A comprehensive study of the major features of database applications. Students will learn how data is organized, retrieved, and used by business. Students will develop and execute strategies for solving information management problems using database applications. Decision-making and problem-solving skills are integrated throughout the course. Requisites: PR, MIS 101 or equivalent.

314 Advanced Transcription: Legal or Medical (3) Emphasis on specialized--legal or medical--transcription, language arts, proofreading, and editing as it pertains to the business office environment. Develop superior skill in specialized transcribing from a variety of sources including machine dictation with speed, accuracy, and correct form. Emphasis will be placed on terminology used in the legal or medical field. Requisites: PR, BCOM 214, BIOL 263.

320 Information Management (3) The systematic analysis of information from its creation through processing, filing, retrieval, maintenance, security, and final disposition. Quality and cost control of information management programs are also studied.

350 Business Communication Applications + (3) This course is designed to introduce students to new web-based (and often free) technologies which they may use to improve the efficiency and effectiveness of communication in business. Students will work together in virtual teams to complete some of the required course activities. Requisites: PR, BCOM 250.

374 Independent Studies in Information Systems Administration I + (1-3) 1] Business Communication and 2] Information Systems Administration. The student will conduct directed, independent work in topics not treated in depth in courses regularly offered by the department. The course will not substitute for any departmental theory course. Permission of

the department chair is required before enrollment. See advisor for details.

380 Legal Office Procedures (3) The course is designed to prepare competent, resourceful legal secretaries for employment in legal offices or legal departments of large corporations. Offered fall semester only. Requisites: Co-requisite, GBUS 204.

381 Office Systems and Procedures (3) A capstone course designed to integrate skills already acquired in information processing, records management, and office procedures and problems. Emphasis is on the use of computer-based technology in the present-day office with a focus on attitudes and human relations and development of leadership skills.

390 Medical Office Procedures (3) Non-general education. Designed to prepare competent, resourceful medical office assistants for employment in medical offices and hospitals. Requisites: PR, BCOM 250, BIOL 263, or PERM.

400 Global Business Communication (3) The focus of this course is on the study of business communication in global environments. This course covers organizational strategies, and current challenges to global business communication. Emphasis will be on organizational and interpersonal communication and negotiation skills needed in an integrated world economy. Requisites: PR, BCOM 301.

Undergraduate/Graduate Credit

600 Special Topics in Information Systems Administration + (1-3) 1] Business Communication and 2] Information Systems Administration. This course is designed to accommodate a variety of special topics in Office Technology, Information Systems Administration, and Business Communication. A special project is required.

601 Managerial Communication (3) The purpose of this course is to develop management-level personnel who can effectively and efficiently use the various modes of communication as administrative tools. Coverage of the managerial aspects of business communication and the role of management in facilitating more effective internal and external business communication. A special project is required. Requisites: PR, BCOM 301.

620 Management of Word Processing Operations (3) The purpose of this course is to help students develop supervisory and managerial skills for the operation of a word processing system. Special emphasis is placed on feasibility studies, system design, implementation of a new or revised system, personnel selection, and development and cost effectiveness of a word processing system. A special project is required.

670 Workshop + (1-3) 1] Business Communication and 2] Information Systems Administration. The workshop is designed for intensive study (generally involving a limited number of class meetings) in a topic related to one of the

fields of Business Communication or Information Systems Administration. A special project is required.

672 Readings in Office Management Systems (1-3) 1] Business Communications and 2] Office Management Systems. Purpose of the course is to provide an opportunity for in-depth reading and study in one of the fields of Business Communications or Office Management Systems. This course will not substitute for any departmental theory course. Permission of department chair is required before enrollment. See advisor for details. Requisites: PR, Senior or PERM.

673 Problems in Business Communication + (1-3) The student will work directed problems related to a field of business communication. This course will not substitute for any departmental theory course. Permission of department chair is required before enrollment. See advisor for details. Requisites: PR, senior or graduate standing and PERM.

674 Independent Studies in Business Communication (1-3) (1) Business Communication and (2) Information Systems Administration. The student will conduct directed, independent work in topics not treated in depth in courses regularly offered by the department. The course will not substitute for any departmental theory course. Permission of Department Chair is required before enrollment. See advisor for details. A special project is required.

675 Seminar in Information Systems Administration I + (1-3) 1] Business Communication and 2] Information Systems Administration. The purpose of the seminar is to bring together a small group of students for intensive study and discussion of a selected topic(s) in one of the fields of Business Communication or Information Systems Administration. A special project is required.

676 Apprenticeship I + (1-3) 1] Business Communication and 2] Information Systems Administration. Students can apply their basic skills as an apprentice in a work setting while learning more about the duties and responsibilities of business and office personnel. Permission of the department chair is required before enrollment. See advisor for details. A special project is required.

677 Internship in Business Communication + (1-3) Students will perform meaningful, professionally related work. A job in the student's major must be obtained in advance and be approved by the advisor and the department chair prior to enrollment. Requisites: PR, senior or PERM.

680 Strategic Communication for Managing Diversity and Inclusion () The purpose of this course is to develop management-level personnel in the area of managing diversity and inclusion, specifically from a communication standpoint. The course includes coverage of different perspectives regarding the conceptualization and importance of diversity and inclusion (DI) in the workplace and the role of management in facilitating more effective internal and external business communication regarding DI. In addition, identities often at the heart of DI workplace concerns are discussed.

682 Office Information Systems (3) This course will provide students with an in-depth background in the administrative aspects of the office structure. The office is viewed as the key component in the total information-communications system. Thus, special emphasis is placed on the management of the electronic office with its use of electronic mail, data communications, and telecommunications. A special project is required. Offered in the spring semester only. Requisites: PR, BCOM 680.

690 Professional Development (3) The focus of the course is on creating a professional development plan. Students investigate current trends in career planning and dealing with organizational change. Graduate students must complete additional assignments. Requisites: PR; BCOM 301.

692 Managerial Reports and Presentations (3) Designed to develop an in-depth knowledge of the functions of reports and presentations in contemporary business. Using real-world business situations, students will conduct business research and analyze data to prepare professional managerial reports and make presentations of these reports using presentation software. Requisites: Approved for admission in the M.B.A. program or PERM.

695 Corporate Communication Strategy (3) This capstone course is for students concentrating in Corporate Communication. It provides an opportunity to reflect on the four major themes of 1) foundations of communications; 2) management of communication; 3) internal communications; and 4) external communications or public relations.

872 Readings in Information Systems Administration II + (1-3) 1] Business Communication and 2] Information Systems Administration. The purpose of the course is to provide an opportunity for in-depth reading and study in one of the fields of Business Communication or Information Systems Administration. This course will not substitute for any departmental theory course. Permission of department chair is required before enrollment. See advisor for details.

873 Problems in Information Systems Administration III + (1-3) 1] Business Communication and 2] Information Systems Administration. The student will work directed problems related to a field of Business Communication or Information Systems Administration. This course will not substitute for any departmental theory course. Permission of department chair is required before enrollment. See advisor for details.

874 Independent Studies in Information Systems Administration III + (1-3) 1] Business Communication and 2] Information Systems Administration. The student will conduct directed, independent work in topics not treated in depth in courses regularly offered by the department. The course will not substitute for any departmental theory course. Permission of department chair is required before enrollment. See advisor for details.

Business Education

Undergraduate Credit

100 Intro to Business Education (0) BUED 100 is an introductory course that focuses on the history of teaching business, fundamental characteristics of a program at the middle school/high school level, appropriate resources to plan for instruction, and professional development opportunities available.

102 Computer Keyboarding (3) Emphasis on business letters, forms, tables, composition, manuscripts, and business reports with drills on speed and accuracy. Introduction to production work. Requisites: PERM.

103 Advanced Computer Keyboarding (3) A review of key-boarding principles and their application to the world of work. Provides training in machine transcription. Requisites: PR, BUED 102.

277 Early Field Experience: Business Education+ (1-3) This course has been designed to provide business education majors with observational and participatory experiences in their area of specialization. Students who are planning to become secondary business education teachers will be placed in a school situation so that they can gain real-life experiences in the occupation of teaching. Pass/No Credit.

374 Independent Studies in Business Education I +(1-3) The student will conduct directed, independent work in topics not treated in-depth in courses regularly offered. The course will not substitute for any departmental theory course. Permission of department chair is required before enrollment. See advisor for details. Requisites: PERM.

421 Electronic Media in Instruction (3) Techniques, methods, and skills essential for delivering instruction through electronic media. Requisites: PERM.

422 Teaching Accounting and Information Systems (3) Techniques, methods, and strategies for teaching management information systems courses on the secondary level (6-12). Curriculum design and program development are essential components of the course. Admission to Teacher Education required.

423 Curriculum and Instruction in Business (3) An introduction to teaching methods and course content used in teaching the business, marketing, and accounting subjects on the secondary level (6-12). Requisites: admission to Teacher Education required.

Undergraduate/Graduate Credit

600 Special Topics in Business Education+ (1-3) This course is designed to accommodate a variety of special topics in business education. A special project is required.

611 Principles and Philosophy of Career and Technical Education (3) To acquaint the prospective teacher-coordinator with the background and appreciation of vocational education in the educational process. A special project is required.

612 Methods of Talent Development (3) This course identifies and examines planning procedures and strategies that lead to effective talent development programs for adults who are learning in a wide variety of settings. Students will gain skills in course planning models, needs assessments, marketing, evaluation and program management.

613 Organization and Administration of Career and Technical Education (3) To acquaint the prospective teacher-coordinator with the needs of the administrator and coordinator for the establishment and administration of publicly aided programs in distributive and office education areas. A special project is required.

614 Coordination of Career and Technical Education Programs (2) To acquaint the prospective teacher-coordinator with the federal, state, and local regulations of the coordinator in the community, public relations, advisory committee, personnel relations, guidance, selection, and follow-up. A special project is required.

615 Selection and Organization of Subject Matter in Career and Technical Education (2) Analysis, organization, and gathering of materials for units of instruction for the distributive and office education programs. A special project is required.

670 Workshop in Business Education + (1-3) The workshop is designed for intensive study (generally involving a limited number of class meetings) in a topic related to business education. A special project is required.

672 Readings in Business Education I + (1-3) Purpose of the course is to provide an opportunity for in-depth reading and study in business education. This course will not substitute for any departmental theory course. Permission of department chair is required before enrollment. See advisor for details. A special project is required. Requisites: PR, senior or graduate standing and PERM.

673 Problems in Business Education I + (1-3) The student will work directed problems related to business education. This course will not substitute for any departmental theory course. Permission of department chair is required before enrollment. See advisor for details. A special project is required. Requisites: PR, senior or graduate standing and PERM.

674 Independent Studies in Business Education II + (1-3) The student will conduct directed, independent work in topics not treated in-depth in courses regularly offered by department. The course will not substitute for any departmental theory course. Permission of department chair is required before enrollment. See advisor for details. A special project is required. Requisites: PR, senior or graduate standing and PERM.

676 Apprenticeship in Business Education I + (1-3) Students can apply their basic skills as an apprentice in a work setting while learning more about the duties and responsibilities of business and office personnel. Permission of department chair is required before enrollment. See

advisor for details. A special project is required. Requisites: PR, senior or graduate standing and PERM.

677 Internship in Business Education I + (1-6) The student will perform meaningful, professionally related work. A job in the student's major must be obtained in advance and be approved by the advisor and the department chair prior to enrollment. See advisor for details. A special project is required. Requisites: PR, senior or graduate standing and PERM.

Graduate Credit

773 Problems in Business Education () The student will work directed problems related to business education. This course will not substitute for any departmental theory course. Permission of department before enrollment. See advisor for details. A special project is required.

775 Seminar in Business Education () The purpose of the seminar is to bring together a small group of students for intensive study and discussion of a selected topic(S) in business education. A special project is required.

776 Apprenticeship in Business Education () Students can apply their basic skills as an apprentice in a work setting while learning more about the duties and responsibilities of business and office personnel. Permission of the department chair is required before enrollment. See advisor for details. A special project is required.

777 Internship in Business Education () The students will perform meaningful, professionally related work. A job in the student's major must be obtained in advance and be approved by the advisor and the department chair prior to enrollment. See advisor for details. A special project is required.

802 Planning for Instruction in Business Education () This is an on-line professional education course designed for candidates in the state Transition to Teaching Program who are pursuing a Kansas teaching license in Business. The course addresses Kansas Professional Education Standards 1 and 11. Kansas Professional Education Standard 9 is also addressed to include the reflective practitioner and Standard 12 to include the technology component. Parts of other standards are included as appropriate. Topics include: history of business/marketing education, curriculum planning, teaching methods and strategies, assessment, business education teaching environments, and integrating instructional technology.

815 Implementing Career and Technical Student Organizations () This course focuses on the history and importance of student organizations in career and technical programs at the secondary and post-secondary level. It will focus on integrating CTSO's into the curriculum and building student leadership skills, presentation skills, and technical skills appropriate to the specific career program (career cluster & pathway).

820 Principles, Problems, and Trends in Business Education (3) Survey of principles, practices, and problems of business education with emphasis on

secondary schools and community colleges. Requisites: PERM.

821 Teaching Office Information Systems (3)

Techniques, methods, and skills essential for teaching courses in data processing. Special emphasis is placed on the use of microcomputers, terminals, and software in the teaching process. BASIC is emphasized. Requisites: PERM.

822 Applied Business Research (3) Designed to develop an in depth knowledge of applied business education research methods. Students will conduct objective research, analyze and interpret data using statistical concepts, and present their findings.

823 Teaching Basic Business Subjects and Accounting (3) The organization and presentation of materials in general business, consumer education, business law, economics, and accounting. Research studies will also be reviewed. Primarily for experienced teachers. Requisites: PERM.

825 Administration and Coordination of Work-Based Learning () Study of career and technical education programs which utilize the internship/youth apprenticeship/school-based enterprise/professional learning experience/cooperative method of instruction. Includes the knowledge and procedures necessary to implement the quality components of an occupational program. Discussion will include how successful programs have been developed at the secondary and post-secondary level and through engagement with government agencies. Successful coordination of a program using the cooperative method will be stressed.

872 Readings in Business Education II + (1-3) Purpose of the course is to provide an opportunity for in-depth reading and study in one of the fields of business education. This course will not substitute for any departmental theory course. Permission of department chair is required before enrollment. See advisor for details. Requisites: PERM.

873 Problems in Business Education II + (1-3) The student will work directed problems related to the field of business education. This course will not substitute for any departmental theory course. Permission of department chair is required before enrollment. See advisor for details. Requisites: PERM.

874 Independent Studies in Business Education III + (1-3) The student will conduct directed, independent work in topics not treated in-depth in courses regularly offered by the department. The course will not substitute for any departmental theory course. Permission of department chair is required before enrollment. See advisor for details. Requisites: PERM.

875 Seminar in Business Education II + (1-3) The purpose of the seminar is to bring together a small group of students for intensive study and discussion of selected topic(s) in business education.

876 Apprenticeship in Business Education II + (1-3) Students can apply their basic skills as an apprentice in a work

setting while learning more about the duties and responsibilities of office personnel. Permission of department chair is required before enrollment. See advisor for details. Requisites: graduate standing.

877 Internship in Business Education II+ (1-6) The students will perform meaningful, professionally-related work. A job in the student's major must be obtained in advance and be approved by the advisor and the department chair prior to enrollment. See advisor for details. Requisites: graduate standing.

924 Business Education Curriculum () Analysis of business education in secondary schools and community colleges. Includes principles and procedures of curriculum planning and the influence of research and changes in educational theory upon the business curriculum.

Marketing Undergraduate Credit

301 Marketing Principles (3) A study of the principles and practices of the marketing function. Includes a study of both consumer and industrial products, the channels through which they are distributed, the promotion and pricing procedures followed by modern business. Requisites: Junior standing.

302 Strategic Selling (3) Principles and practices of selling, sales communications, strategic planning, implementing, and control- ling for successful selling. Requisites: MKT 301 and Junior standing or PERM.

400 Marketing Internship (1-3) This course allows students to gain real-world marketing experience in the workplace. Students integrate their academic experiences with professional knowledge and skills gained through practical work experience. Students gain a meaningful work experience that addresses their needs and that of host organizations. Permission of a student's advisor and the Department Chair is required before enrollment. This course may be taken for one, two, or three credit hours.

401 Marketing Channels (3) A study of the various channels of product distribution, direct-to-consumer use, the wholesaler, warehousing, and company-owned distribution facilities will be covered in detail. Distribution cost studies and market characteristics are analyzed. Requisites: MKT 301 and Junior standing or PERM.

402 Sales Management (3) The responsibilities and relationships of sales management with respect to company operations and the sales force. The establishment of sales quotas and budgets; sales- man's compensation and motivation. Requisites: MKT 301 and Junior standing or PERM.

403 Retail Management (3) A basic survey of retailing principles and practices; covers both small store and large business retail operations. Requisites: MKT 301 and Junior standing or PERM.

Undergraduate/Graduate Credit

601 Consumer Behavior (3) Application to the marketing process of the fundamental processes of motivation, perception, learning, individual predispositions, group influences, consumer decision processes, and aggregate consumer behavior. Requisites: MKT 301 and Junior standing or PERM.

602 Integrated Marketing Communications (3) The theory of mass selling (advertising and publicity), sales promotion, and personal selling. Analyzing the market to determine the most effective promotion mix. Requisites: MKT 301 and Junior standing or PERM.

603 Customer Service and Relationship Management (3) Principles and practices of service marketing. Includes planning and strategy, media approaches, costs/profits, distribution, market segmentation, service quality, and customer satisfaction. Requisites: MKT 301 and Junior standing or PERM.

604 Marketing Research (3) Designed to acquaint the student with typical marketing problems and the methods of solving them; data sources and collection are featured along with market analysis and determination. Requisites: MKT 301, MATH 250, Junior standing or PERM.

606 Global Marketing (3) A managerial approach to international marketing with emphasis on comparative systems and the key variables controllable by the international marketing executive. Underlying factors of international market environments; the forces which cause people to accept or reject new products. Attention is given to demand, product, policies, market channels, pricing, and the development and control of marketing programs. International marketing from the perspective of the headquarters and the field executive with special emphasis on multinational marketing programs. Requisites: MKT 301 and Junior standing or PERM.

607 Business-to-Business Marketing (3) The focus of the course is business-to-business marketing with emphasis on the exchange process between producers and organizational customers. The flow of goods and services that produce or become part of other goods and services or facilitate the operation of an enterprise will be examined. Requisites: MKT 301 and Junior standing or PERM.

608 Database Marketing (3) This course examines the theory and practice of database marketing and how it contributes to building long-term relationships with customers. The focus is on the strategy and analysis of the database for marketing purposes. Database marketing involves collecting data on individual-level purchase behavior, analyzing the data and then utilizing the results to maximize sales to current and prospective customers while minimizing costs. The course is an integration of the theoretical components with the practical, hands-on components. Students will explore the theories and then apply them using regression response models and analyzing relational databases. Requisites: MKT 301 and Junior standing or PERM.

609 Digital Marketing (3) This course explores the basic principles that underlie marketing and how e-business marketing techniques will fundamentally change the traditional marketing process. This course prepares students for careers in a rapidly changing environment of nonlinear, on-line, interactive advertising; new product development and distribution processes; and reliance on databases. Students will learn how to use Internet technologies necessary for executing marketing strategy. Requisites: MKT 301 and Junior standing or PERM.

610 Social Media Marketing (3) This course focuses on current strategies and tactics used to effectively and efficiently deploy social media tools within the marketing function. It is designed to provide students with hands-on experience with emphasis placed on a strategic approach to social media marketing. Conceptual foundations and practical techniques necessary for creating a comprehensive and effective social media marketing plan are incorporated. Requisites: PR; MKT 301, Junior Standing or PERM.

611 Social Media Marketing Content and Analytics (3) The intent of this course is to examine how marketers use both verbal and visual content to convey the value, build brands, and connect with customers, as well as track the appropriate social media marketing metrics to better understand how and when to share information, as well as what type of content drives the most traffic to a website. PR, MKT 301, MKT 610, Junior Standing or PERM.

650 Marketing Strategy (3) Capstone course for undergraduate marketing majors only, to be taken the semester immediately preceding graduation. The course understanding and application of executive marketing decisions involving capital and expense budgets, personnel problems, corporate policies, and pricing policies.

673 Topics in Marketing (1-3) Course is designed to provide academic credit for a number of different areas in the Marketing program. The student will study one particular topic in depth.

677 Independent Study in Marketing (1-3) Students may complete readings, investigate problems, or complete research projects in the area of marketing. Topics are chosen in consultation with a faculty advisor.

Tourism and Hospitality Management

Undergraduate / Graduate Credit

601 Special Topics in THM (1-3) Course is designed to provide academic credit for a number of different areas in the tourism and hospitality management industry. The student will study one particular topic in depth.

620 Tourism and Hospitality Management (3) Study of the evolution of the hospitality industry and how it is currently stratified. Organizational systems and career opportunities in tourism and hospitality management will be examined. Hospitality service management is

viewed from both a consumer and business perspective.

621 Tourism and Hospitality Marketing (3) This course will introduce basic concepts and skills in tourism marketing and will address differences between tourism and other industries. Students will learn how marketing managers can position their products or destinations to capture customers.

622 Service and Operations Management (3) This course will explore the integration among operations, strategy, marketing, technology, and organizational issues in a service business. Theory, methods and techniques of service operations management will be examined.

623 Meetings, Conventions and Events Management (3) This course examines the industry of special events and the role the meeting and event professional plays in it. We will explore this very detail-oriented field as it deals with vendors, contracts, fund-raising, budgeting and ethics and social responsibility.

624 Hotel and Resort Management (3) Introduction of hotel and resort management practices. This course will examine the topics of employee selection, room sales forecasting, labor production, employee staffing, employee scheduling, and departmental budgeting.

625 International Tourism & Hospitality (3) This course provides a broad overview of the tourism and hospitality industry in an international context. Building upon an initial examination of the social and economic processes and by-products of globalization, students will briefly consider the corporate structures underlying the international airline, hotel, and food and beverage industries. Global practices within the MICE industry will also be considered. Students will further examine aspects of destination marketing and management, including the impact of international mass tourism. For the traveler, students will also consider implications of modern-day 'hypermobility.' Finally, students will consider the geographic, social, and demographic characteristics of international travelers overall.

626 Food and Beverage Management (3) This course is designed to improve your overall understanding of the foodservice industry and the management of food and beverage operations. Students will be exposed to the breadth and depth of the foodservice industry through the exploration of topics such as current issues and trends affecting the industry, food safety, safe environments for workers and consumers, menu planning, conceptual design and site selection, purchasing, receiving, storing, and inventory, and food and beverage production and service. The objective of this course is therefore to provide the necessary food and beverage resources, knowledge, and management skills essential for success in today's food service industry.

627 Casino Management (3) This class will explore the knowledge and skills needed to understand operations, strategy, marketing, technology, and organizational issues in a casino business. The culture, strategic planning, methods

and techniques of casino management, as well as, the regulatory and legal environment will be examined.

628 Health and Wellness Tourism (3) This course provides students with a comprehensive overview of the growing health and wellness tourism sectors. Along with conceptual models and defining characteristics, the course covers the history and development of each sector as well as wellness tourism sub-sectors, taking into account associated regional and indigenous influences. An overview of contemporary socio-economic considerations, regional demand and the management and marketing of wellness tourism sub-sectors are further considered. Through analysis of case studies and journal articles, students will also identify regional variations in wellness tourism destination development and services and amenities offered. Finally, students will analyze and report on a wellness destination in the US.

629 Tourism Hospitality Industry Internship (3) This is a cap-stone course that provides a platform for students to gain the knowledge and skills necessary for entry-level management positions in the hospitality industry while working in a "real life" setting. Students are expected to apply the knowledge and skills acquired from their various classes in an appropriate hospitality establishment approved by the instructor.

630 Spa Facility & Destination Management (3) This two-part course is an introduction into the management of wellness destinations overall and spa facilities in particular. The first half of the course considers contemporary and international trends in wellness tourism destination development as well regional variations in core competencies. Issues around sustainable development and destination competitiveness are also considered. The second half of the course focuses on the spa industry, the largest and most lucrative under the wellness tourism umbrella. Topics touched-upon under spa facility management include the planning, design, marketing and financial management of spas. Operations management, legal issues, service offerings, industry benchmarking and evaluation of spa facilities are also considered. PR: THM 628.

631 Medical Tourism (3) This course prepares students to enter into the medical tourism field. It covers the fundamentals of a medical tourism business plan including market research, product applications, bundle pricing, and patient referrals. Best practices in areas such as case management, risk management and collaboration with healthcare networks and travel supply chains are further considered. In addition, important ancillary functions of a medical tourism facilitator such as cultural and language competencies and managing travel logistics are taken into account. The course also covers the industry as a whole analyzing stakeholders, historical precursors and the contemporary evolution of the health tourism field. These include socio-economic factors such as patient-centered drivers of growth, the role of the internet, and developments within the travel industry. Also taken into account are public policies, healthcare and insurance regulations, and governments' role in shaping and facilitating medical tourism internationally. Finally, global competition and future growth potential are considered. An understanding of the scope and complexity of this field are facilitated through the

analysis of contemporary medical tourism case studies. PR: THM 628.

632 Sustainable Tourism and Event Management (3)

This course provides a broad overview of sustainability within the hospitality, tourism, and event industries. The course offers a brief introduction to sustainability: what the term implies and how its interpretation and significance for these service industries has evolved over time. Government and policy implications for sustainable management in events and tourism are also discussed. For the hospitality industry, the rationale for adopting sustainable initiatives as well as managerial implications with respect to implementing them are considered in more detail. For the events industry, environmental, economic, and socio-cultural impacts along with practical considerations for designing and delivering sustainable events are highlighted. Tourism with regard to land-use and conservation is touched upon along with sociocultural and economic impacts. Finally, the course offers contemporary critiques of alternative tourism and ongoing sustainability issues as well as efforts to address these on a global scale.

673 Topics in THM + (3) Course is designed to provide academic credit for a number of different areas in the THM program. The student will study one particular topic in depth.

677 Independent Study in THM () Students may complete readings, investigate problems, or complete research projects in the area of tourism and hospitality management. Topics are chosen in consultation with a faculty advisor.

*General Education Course

+Course may be repeated

#Lab required

PERM: Permission

PR: Prerequisite

Department of Economics, Finance and Accounting

For updated information, see our website at www.fhsu.edu/efa/.

Accounting

The accounting program offers a wide range of studies designed to prepare students for employment in business, government, education systems, and other organizations in a variety of financial, industrial, and service entities. Students can choose the traditional accounting major or add a concentration in public accounting. Students in the public accounting concentration are eligible to sit for the CPA Examination if they complete the requirements for the degree and take additional coursework to earn 150 total credit hours.

Economics

Economics is the only social science in which a Nobel Prize is awarded. To succeed in economics, students should have an interest in applying critical thinking and statistical analysis to issues of business, financial, ethical, and social importance. The department currently offers a concentration in economics within the finance major as well as a minor in economics. Economics training is valuable preparation for law school or post-graduate work in economics, finance, business or the social sciences.

A major in international business and economics provides the academic preparation for positions with business, government, or international agencies dealing with international trade and foreign investments.

Finance

Finance provides one of the most dynamic and rewarding of careers.

Financial services, investment advising, retirement planning, and tax and estate planning are fast-growing fields where substantial earnings are possible for those associated with financial planning firms and for individual entrepreneurs. Students can choose the traditional finance major with no concentration or obtain a concentration in banking, economics, or financial planning. Fort Hays State University is the only institution in Kansas with a business undergraduate degree program in financial planning that is registered with Certified Financial Planner Board of Standards Inc.

Preparation

Students interested in majoring in accounting, finance or international business and economics can prepare themselves by taking any business-related courses their high school offers, including accounting, mathematics, economics, and general business. Additionally, oral and written communication skills are very important. Introductory computer coursework is valuable preparation. A variety of scholarships are available for departmental majors.

Bachelor of Business Administration: Accounting

A B.B.A. degree with a major in accounting prepares you for a variety of high-demand careers in both the public and private sectors of the economy in accounting-related fields including governmental, financial, auditing, cost, tax, and systems.

After successful completion of the program, students will possess the abilities required by entry-level accountants, be able to clearly communicate accounting problems and solutions, and be exposed to computer applications as they relate to the accounting functions.

B.B.A. Degree with a Major in Accounting Program Requirements in printable, PDF format for students starting Fall 2023 or later or current students opting-in to the new KBOR Systemwide Transfer General Education Program
Course Offerings Schedule - check when classes are scheduled for on-campus and online delivery

General Education Program

Effective Fall 2023, all new incoming students will automatically be placed on the **KBOR Systemwide Transfer General Education Program** comprised of 34 credit hours organized in six discipline-based areas and two institutionally designated areas.

Business Core - 27 Credit Hours

ACCT 203 Principles of Accounting I
ACCT 204 Principles of Accounting II
BCOM 301 Strategic Business Communication
FIN 305 Managerial Finance
GBUS 204 Business Law I
MGT 301 Management Principles
MGT 602 Production & Operations Management
MGT 650 Business Policy
MKT 301 Marketing Principles

Accounting Major - 30 Credit Hours

Accounting Core - 18 Credit Hours

ACCT 303 Cost Accounting
ACCT 305 Intermediate Accounting I
ACCT 306 Intermediate Accounting II
ACCT 360 Accounting Information Systems
ACCT 402 Income Tax Procedure
ACCT 412 Auditing

Accounting Electives - 12 Credit Hours - Choose 4 classes from the following

ACCT 310 Fraud Examination
ACCT 315 Financial Statement Analysis
ACCT 406 Governmental & Institutional Accounting
ACCT 409 Ethics for Accountants
ACCT 467 Internship (with approval of advisor and department chair)
ACCT 601 Advanced Accounting
ACCT 608 CPA Problems
ACCT 610 Advanced Tax Procedure

Directed Electives - 6 Credit Hours - Choose 2 classes from the following list (additional courses will require advisor and departmental approval)

ECON 601 Quantitative Methods
ECON 640 Money and Banking
ECON 651 Managerial Economics
FIN 311 Fundamentals of Investments
FIN 405 Intermediate Finance
FIN 450 Personal Financial Planning
FIN 630 Insurance Planning
FIN 641 Financial Markets and Institutions
GBUS 403 Commercial Law
GBUS 404 Business Organizations and Government Regulations
INF 304 Management Information Systems
INF 604 Data Analytics I
Or another ACCT class

A minimum of 120 total credit hours are needed to graduate.

Bachelor of Business Administration: Accounting (Public Accounting)

This concentration prepares students who prefer working at a public accounting firm in tax or as a tax auditor. This program is designed to provide the educational qualifications needed to sit for the CPA exam. **This program is not available for online delivery.**

[B.B.A. Degree with a Major in Accounting Program Requirements in printable, PDF format for students starting Fall 2023 or later or current students opting-in to the new KBOR Systemwide Transfer General Education Program](#)
[Course Offerings Schedule - check when classes are scheduled for on-campus and online delivery](#)

General Education Program

Effective Fall 2023, all new incoming students will automatically be placed on the [KBOR Systemwide Transfer General Education Program](#) comprised of 34 credit hours organized in six discipline-based areas and two institutionally designated areas.

Business Core - 27 Credit Hours

- ACCT 203 Principles of Accounting I
- ACCT 204 Principles of Accounting II
- BCOM 301 Strategic Business Communication
- FIN 305 Managerial Finance
- GBUS 204 Business Law I
- MGT 301 Management Principles
- MGT 602 Production & Operations Management
- MGT 650 Business Policy
- MKT 301 Marketing Principles

Public Accounting Concentration - 36 Credit Hours

Accounting Core - 18 Credit Hours

- ACCT 303 Cost Accounting
- ACCT 305 Intermediate Accounting I
- ACCT 306 Intermediate Accounting II
- ACCT 360 Accounting Information Systems
- ACCT 402 Income Tax Procedure
- ACCT 412 Auditing

Accounting Electives - 6 Credit Hours (choose two of the following)

- ACCT 406 Governmental & Institutional Accounting
- ACCT 601 Advanced Accounting
- ACCT 610 Advanced Tax Procedure

Other Required Business Classes/Concentration Core - 12 Credit Hours

- GBUS 403 Commercial Law
 - INF 304 Management Information Systems
 - INF 604 Data Analytics I
- AND*
ECON 640 Money and Banking OR ECON 651 Managerial Economics

A minimum of 120 total credit hours are needed to graduate.

Requirements to Sit for CPA Exam in Kansas

150 Credit Hours of post-secondary coursework are required to be eligible to sit for the Certified Public Accountant exam in Kansas. While the B.B.A. in Accounting with a Public Accounting Concentration will prepare the student academically to sit for the exam, it will not provide the required number of post-secondary credit hours.

Students are encouraged to pursue a second degree in an area that complements their accounting degree. It is often possible to complete a double degree with 150 credit hours. A popular second degree is in finance, but other degree areas might include management information systems, marketing, or international business and economics. Students can also complete a minor or take a collection of courses in another business discipline to fulfill the 150 credit hours of post-secondary coursework.

Bachelor of Business Administration: Finance

If you like money and making decisions in a dynamic and exciting business world, then the finance major is right for you. This degree program works with your interests and exposes you to a wide variety of finance areas. You can take courses geared towards the areas of entrepreneurial finance, corporate finance, banking and financial planning.

[B.B.A. Degree with a Major in Finance Program Requirements in printable, PDF format for students starting Fall 2023 or later or current students opting-in to the new KBOR Systemwide Transfer General Education Program](#)

[Course Offerings Schedule - check when classes are scheduled for on-campus and online delivery.](#)

General Education Program

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ACCT 204 Principles of Accounting II
BCOM 301 Strategic Business Communication
FIN 305 Managerial Finance
GBUS 204 Business Law I
MGT 301 Management Principles
MGT 602 Production & Operations Management
MGT 650 Business Policy
MKT 301 Marketing Principles

Finance Major - 36 Credit Hours

FIN 311 Fundamentals of Investments
FIN 405 Intermediate Finance
FIN 641 Financial Markets and Institutions
ECON 601 Quantitative Methods
ECON 640 Money and Banking
Finance Major Electives (21 credit hours)

Bachelor of Business Administration: Finance (Banking)

Prepare yourself for a career in the commercial banking and financial services industry by obtaining a degree in Finance with a concentration in Banking. With this degree, you will discover the ins and outs of banking, along with an in-depth study of state and federal regulatory agencies. With this degree, you can find employment as a loan officer, a bank examiner, or a variety of other careers.

[B.B.A. Degree with a Major in Finance \(Banking Concentration\) Program Requirements in printable, PDF format for students starting Fall 2023 or later or current students opting-in to the new KBOR Systemwide Transfer General Education Program Course Offerings Schedule - check when classes are scheduled for on-campus and online delivery](#)

General Education Program

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Business Core - 27 Credit Hours

ACCT 203 Principles of Accounting I
ACCT 204 Principles of Accounting II
BCOM 301 Strategic Business Communication
FIN 305 Managerial Finance
GBUS 204 Business Law I
MGT 301 Management Principles
MGT 602 Production & Operations Management
MGT 650 Business Policy
MKT 301 Marketing Principles

Banking Concentration - 36 Credit Hours

FIN 201 Principles of Banking
FIN 311 Fundamentals of Investments
FIN 405 Intermediate Finance
FIN 641 Financial Markets and Institutions
FIN 642 Bank Management
FIN 643 Bank Strategy
ECON 601 Quantitative Methods
ECON 640 Money and Banking
ACCT 315 Financial Statement Analysis

Plus 9 credit hours of banking concentration electives (choose 3 classes from the following):

ACCT 305 Intermediate Accounting I
ACCT 402 Income Tax Procedure
FIN 611 Investment Theories and Strategies
FIN 645 International Finance
FIN 670 Estate Planning
AGRI 311 Farm Management
AGRI 320 Fundamentals of Agricultural Commodity Marketing
AGRI 340 Computer Applications for Agriculture
AGRI 410 Agricultural Finance

A minimum of 120 total credit hours are needed to graduate.

Bachelor of Business Administration: Finance (Economics)

With this major, you will study the main areas of finance, but you will also dive deeper into subjects like managerial economics, options and future markets, and international economics to complete your program of study.

[B.B.A. Degree with a Major in Finance \(Economics Concentration\) Program Requirements in printable, PDF format for students starting Fall 2023 or later or current students opting-in to the new KBOR Systemwide Transfer General Education Program Course Offerings Schedule - check when classes are scheduled for on-campus and online delivery](#)

General Education Program

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Business Core - 27 Credit Hours

ACCT 203 Principles of Accounting I
ACCT 204 Principles of Accounting II
BCOM 301 Strategic Business Communication
FIN 305 Managerial Finance
GBUS 204 Business Law I
MGT 301 Management Principles
MGT 602 Production & Operations Management
MGT 650 Business Policy
MKT 301 Marketing Principles

Economics Concentration - 36 Credit Hours

ECON 301 Intermediate Microeconomics or ECON 651 Managerial Economics
ECON 302 Intermediate Macroeconomics
ECON 601 Quantitative Methods
ECON 640 Money and Banking
ECON 644 International Economics
FIN 311 Fundamentals of Investments
FIN 405 Intermediate Finance
FIN 607 Options and Futures Markets
FIN 641 Financial Markets and Institutions
Finance Major (Economics Concentration) Electives (9 credit hours)

A minimum of 120 total credit hours are needed to graduate.

Bachelor of Business Administration: Finance (Financial Planning)

This degree helps you prepare for a career helping others make important financial decisions, such as investing, retirement planning, and tax and estate planning. FHSU is the only university in Kansas with a business undergraduate degree program in financial planning that is registered with the [Certified Financial Planner \(CFP\) Board of Standards](#). If you complete the financial planning concentration, you will meet the education requirements to sit for the CFP Certification Examination.

[B.B.A. Degree with a Major in Finance \(Financial Planning Concentration\) Program Requirements in printable, PDF format for students starting Fall 2023 or later or current students opting-in to the new KBOR Systemwide Transfer General Education Program Course Offerings Schedule - check when classes are scheduled for on-campus and online delivery](#)

General Education Program

Effective Fall 2023, all new incoming students will automatically be placed on the [KBOR Systemwide Transfer General Education Program](#) comprised of 34 credit hours organized in six discipline-based areas and two institutionally designated areas.

Business Core - 27 Credit Hours

ACCT 203 Principles of Accounting I
ACCT 204 Principles of Accounting II
BCOM 301 Strategic Business Communication
FIN 305 Managerial Finance
GBUS 204 Business Law I
MGT 301 Management Principles
MGT 602 Production & Operations Management
MGT 650 Business Policy
MKT 301 Marketing Principles

Financial Planning Concentration - 36 Credit Hours

FIN 311 Fundamentals of Investments
FIN 405 Intermediate Finance
FIN 450 Personal Financial Planning
FIN 607 Options and Futures Markets
FIN 611 Investment Theories and Strategies
FIN 630 Insurance Planning
FIN 641 Financial Markets and Institutions
FIN 670 Estate Planning
FIN 680 Retirement and Employee Benefit Planning
ECON 601 Quantitative Methods
ACCT 402 Income Tax Procedure
Finance Major (Financial Planning Concentration) Electives (3 credit hours)

Bachelor of Business Administration: International Business and Economics

The B.B.A. Degree with a Major in International Business and Economics will equip you with solid skills in the different business areas of economics, finance, accounting, management, and marketing. This degree also enables you to focus on the international dimensions of product and resource markets and international business practices. This program of study will deepen your knowledge and understanding about cultures, customs, geography, politics, and languages.

[B.B.A. Degree with a Major in International Business and Economics Program Requirements in printable, PDF format for students starting Fall 2023 or later or current students opting-in to the new KBOR Systemwide Transfer General Education Program Course Offerings Schedule - check when classes are scheduled for on-campus and online delivery](#)

General Education Program

Effective Fall 2023, all new incoming students will automatically be placed on the [KBOR Systemwide Transfer General Education Program](#) comprised of 34 credit hours organized in six discipline-based areas and two institutionally designated areas.

Business Core - 27 Credit Hours

ACCT 203 Principles of Accounting I
ACCT 204 Principles of Accounting II
BCOM 301 Strategic Business Communication
FIN 305 Managerial Finance
GBUS 204 Business Law I
MGT 301 Management Principles
MGT 602 Production & Operations Management
MGT 650 Business Policy
MKT 301 Marketing Principles

International Business and Economics Major - 36 Credit Hours

ECON 644 International Economics
FIN 645 International Finance
MGT 606 International Business
MKT 606 Global Marketing

Major Electives (24 credit hours with a minimum of 9 ECON AND 3 FIN credit hours)

ECON 301 Intermediate Microeconomics or ECON 651 Managerial Economics
ECON 302 Intermediate Macroeconomics
ECON 467 Internship
ECON 601 Quantitative Methods
ECON 640 Money and Banking
FIN 405 Intermediate Finance
FIN 607 Options and Futures Markets
FIN 630 Insurance Planning
FIN 641 Financial Markets and Institutions
FIN 642 Bank Management
BCOM 400 Global Business Communication
GSCI 105 Cultural Geography
GSCI 240 Introduction to Geographic Information Systems
LDRS 306 Leadership and Team Dynamics
MGT 601 Project/Program Management
POLS 230 Introduction to International Relations
SOC 460 Comparative Cultures and Societies

A minimum of 120 total credit hours are needed to graduate.

Minors – Economics, Finance and Accounting

Accounting Minor – 21 hours

ACCT 203 Principles of Accounting I
ACCT 204 Principles of Accounting II (PR: ACCT 203)
ACCT 303 Cost Accounting (PR: ACCT 204)
ACCT 305 Intermediate Accounting I (PR: ACCT 204)
ACCT 306 Intermediate Accounting II (PR: ACCT 305)
ACCT 402 Income Tax Procedure (PR: ACCT 204)
Accounting Elective (ACCT - 3 cr. hrs.)

Finance Minor – 21 hours

ECON 201 Principles of Microeconomics
ECON 202 Principles of Macroeconomics
FIN 305 Managerial Finance (PR: ACCT 203) MATH 250)
FIN 311 Fundamentals of Investments (PR: FIN 305)
FIN 405 Intermediate Finance (PR: FIN 305)
FIN 641 Financial Markets and Institutions (PR: FIN 305)
Finance Elective (ECON/FIN - 3 cr. hrs.)

Banking Minor – 21 hours

FIN 201 Principles of Banking
FIN 305 Managerial Finance (PR: ACCT 203, MATH 250)
ACCT 315 Financial Statement Analysis (PR: ECON 204)
ECON 640 Money and Banking (PR: ECON 202)
FIN 641 Financial Markets and Institutions (PR: FIN 305)
FIN 642 Bank Management (PR: FIN 201, FIN 305)
FIN 643 Bank Strategy (PR: FIN 642)

Economics Minor – 21 hours

ECON 201 Principles of Microeconomics
ECON 202 Principles of Macroeconomics
Plus five of the Following:
ECON 301 Inter. Microeconomics (PR: ECON 201, ECON 202) or ECON 651 Managerial Econ. (PR: ECON 201)
ECON 302 Inter. Macroeconomics (PR: ECON 201, ECON 202)
ECON 601 Quantitative Methods (PR: MATH 250)
ECON 640 Money and Banking (PR: ECON 202)
ECON 644 International Economics (PR: ECON 201, ECON 202)
FIN 641 Financial Markets and Institutions (PR: FIN 305)
FIN 645 International Finance (PR: FIN 305)

International Business & Economics Minor – 21 hours

ECON 644 International Economics (PR: ECON 201, ECON 202)
FIN 645 International Finance (PR: FIN 305)
MGT 606 International Business (PR: MGT 301)
MKT 606 Global Marketing (PR: MKT 301)
ECON 640 Money and Banking (PR: ECON 202)
International Business and Economics Electives* (6 cr. hrs.)

* ECON 301 or ECON 651, ECON 302, ECON 601, FIN 405, FIN 607, FIN 630,
FIN 641, FIN 642, BCOM 400, GSCI 105, GSCI 240, LDRS 306, MGT 601,
POLS 230, SOC 460, or other related courses approved by the department chair.

Classes completed as part of your academic major may not be counted toward your minor program. You will need to work with the advisor for your minor program to find a class to substitute in its place. ECON 201 and ECON 202 can count for General Education credit as well as for a minor program; and the Business Core classes (ACCT 203, ACCT 204, and FIN 305) can also count toward a minor program.

Course Listings – Economics, Finance and Accounting

Accounting

Undergraduate Credit

203 Principles of Accounting I (3) The study of accounting as a means of communicating financial information about a business enterprise. Emphasis is placed on the basic concepts used in preparing and interpreting external financial statements. PR, Sophomore standing or permission.

204 Principles of Accounting II (3) A continuation of ACCT 203 with added emphasis on preparing and interpreting accounting information to aid management in the decision-making process. Requisites: PR, ACCT 203.

303 Cost Accounting (3) Course emphasizes the uses of accounting data for: 1) planning and controlling routine operations; 2) non-routine decisions, policy making, and long-range planning; and 3) inventory valuation and income determination. Requisites: PR, ACCT 204.

305 Intermediate Accounting I (3) Presents an overview of the foundation of accounting theory, a study of the accounting cycle, financial statements, and mathematical principles. A comprehensive study is made of assets. Requisites: PR, ACCT 204.

306 Intermediate Accounting II (3) Continuation of ACCT 305. Covers recognition and measurement of liabilities, stockholders' equity, dilutive securities, and investments. Also covers taxes, pensions and leases. Requisites: PR, ACCT 305.

310 Fraud Examination (3) Fraud Examination will cover the principles and methodology of fraud detection and deterrence. The course includes such topics as skimming, cash larceny, check tampering, register disbursement schemes, non-cash misappropriations, corruption, accounting principles of fraud, fraudulent financial statements and interviewing witnesses. Requisites: PR, ACCT 204.

315 Financial Statement Analysis (3) This course provides a comprehensive study of the use of financial statements in assessing a firm's health and financial standing. Requisites: PR, ACCT 204.

360 Accounting Information Systems (3) Design, implementation, and evaluation of processing methods for accounting information including computing, managerial, and auditing considerations. Requisites: PR, ACCT 204 and INF 101 or equivalent.

402 Income Tax Procedure (3) A study of a broad range of federal tax concepts and types of taxpayers including the role of taxation in the business decision-making process. This follows the American Institute of AICPA Model Tax Curriculum. Requisites: PR, ACCT 204.

406 Governmental and Institutional Accounting (3) A study of budgeting and operation of fund accounts for state, municipal,

and other public institutions. Accounting control as a means of effecting improved administration of public enterprise. Requisites: PR, ACCT 305.

409 Ethics for Accountants (3) This course examines accounting ethics for auditors, tax practitioners and management accountants. Emphasis will be on professional guidance issued by the American Institute of Certified Public Accountants (AICPA), the IRS and other professional accounting organizations. Requisites: PR, ACCT 305 and senior standing.

412 Auditing (3) Procedures and practices of the public accountant in verifying accounts and supplementary data, and training in preparation and analysis of reports of such findings appropriate to purpose for which the audit is made. Requisites: PR, ACCT 306, ACCT 360.

466 Apprenticeship (1-3) The apprenticeship will provide the upper-division, undergraduate student with an opportunity to serve as a tutorial aide, researcher, classroom proctor, etc. To enroll, students must be majoring in accounting and have at least a 3.0 major GPA and have completed at least 9 hours in the major core.

467 Internship (1-6) The internship provides students with the opportunity to integrate and apply previous academic coursework in accounting through professionally related work in business, government, or not-for-profit enterprises. Students may only enroll for internship credit if the internship application process is competitive and it has been approved by the department chair. See advisor for details. Students must also have at least a 3.0 major GPA and have completed at least 9 hours in the accounting major core. Requisites: PR, junior or senior standing. +

Undergraduate/Graduate Credit

601 Advanced Accounting (3) Emphasis is placed on consolidated statements. Consideration is also given to foreign branches and subsidiaries. Requisites: PR, ACCT 306.

605 Accounting Theory (3) A study of the background and present state of accounting theory with emphasis on recent pronouncements of the Financial Accounting Standards Board. Requisites: PR, ACCT 306.

608 CPA Problems (3) Selected typical problems from previous CPA examinations and pertinent coursework are reviewed. A variety of topics in accounting practice and theory are considered. Students are expected to have a thorough background in accounting. Very little new material is introduced in the course. Requisites: PR, ACCT 303, ACCT 306.

610 Advanced Tax Procedure (3) A study of the major aspects of federal income taxes as they pertain to partnerships, corporations, estates, and trusts. Requisites: PR, ACCT 402.

611 Advanced Cost Accounting (3) Emphasizes non-routine decisions, policy making, and long-range planning with a continuation of routine planning and control. Considerable stress is placed upon quantitative methods. Requisites: PR, ACCT 303.

612 Advanced Auditing (3) Principles and standards in auditing are emphasized through consideration of legal cases encountered by auditors in public practice. Reference made to pronouncements of the American Institute of Certified Public Accountants. Requisites: PR, ACCT 607.

663 Problems in Accounting + (1-3) Research topics to be selected by mutual agreement of student and instructor. Approval by the department chair is required. Requisites: PR, senior or graduate standing and PERM.

Graduate Credit

760 Accounting Information Systems () Design, implementation and evaluation of processing methods for accounting information, including computing, managerial, and auditing considerations.

803 Advanced Accounting Topics (3) A study of problems encountered in accounting. Topics may include special sales procedures—installments and consignments; fiduciary relationships— receiverships, estates and trusts; and mergers and consolidations. Requisites: PR, ACCT 306.

811 Advanced Cost Accounting () Emphasizes non-routine decisions, policy making, and long-range planning with a continuation of routine planning and control. Considerable stress is placed upon quantitative methods.

820 Financial Accounting and Reporting (3) A study of the communication of accounting information with an emphasis on the recipient of the data. The fundamental focus is the analysis and evaluation of performance data desired by managers and other decision makers.

Economics

Undergraduate

Credit

101 Introduction to Economics (3) A basic one-semester terminal course for students not in economics or business administration. Essential economic theory is developed and applied to scarcity, markets, market structures, income determination, economic stabilization policies, and the economic role of government. May not be used to fulfill major or minor requirements in economics.

201 Principles of Microeconomics * (3) An introductory study of principles that affect goals, incentives, and outcomes

of economic behavior at the level of the individual decision maker. Specific topics include the operation of both product and resource markets, the behavior of firms and industries under different market structures, and international exchange.

202 Principles of Macroeconomics * (3) An introductory study of factors that determine U.S. unemployment, production, growth, interest, and inflation rates; basic theories of consumption and investment expenditure; the effects of discretionary fiscal and monetary policies on the national economy.

300 Economic Ideas and Current Issues () An introductory application of economic concepts to a wide variety of current social issues and problems.

301 Intermediate Microeconomic Analysis (3) An intermediate

-level study of the theory of household and firm behavior. A study of how the market system organized economic activity and an evaluation of its performance. Requisites: PR, ECON 201, ECON 202.

302 Intermediate Macroeconomic Analysis (3) An intermediate

-level study of theories of aggregate consumption, investment, net export, and government expenditures; determination of national output, employment, price level, interest, and exchange rates; derivation of aggregate demand and supply; implications of classical, Keynesian, supply-driven, rational expectations, and real business cycle models; examination of the empirical evidence. Requisites: PR, ECON 202.

378 Environmental and Energy Economics (3) The interrelationship of economic activity and environmental consequences will be the main focus of the course. Requisites: PR, ECON 201.

466 Apprenticeship + (1-3) The apprenticeship will provide the upper-division, undergraduate student with an opportunity to serve as a tutorial aide, researcher, classroom proctor, etc. Requisites: PR, PERM.

467 Internship + (1-6) The internship provides students with the opportunity to integrate and apply previous academic coursework in international business and economics through professionally related work in business, government, or not-for-profit enterprises. Requisites: PR; PERM.

492 Consumer Economics (3) The application of economic principles to various consumer issues. Requisites: PR, ECON 201, ECON 202.

494 Introduction to Regional Economics (3) A survey of methods and concepts used in understanding regional economic growth and development. Requisites: PR, ECON 201.

Undergraduate/Graduate Credit

601 Quantitative Methods (3) An introduction to the tools and procedures necessary to measure and test causal relationships implied by economic and finance theory. Emphasis will be on regression analysis. Requisites: PR, MATH 250 and MATH 331.

602 Topics + (1-3) The topics course is designed to offer subjects which are not dealt with in the conventional curriculum. See class schedule for specific topics. Requisites: PR, see class schedule.

604 Forecasting Applications (3) Techniques for business forecasting with emphasis on time-series methods. The relationship of forecasting to decision making, a survey of forecasting methods and their application; models for stationary and non-stationary time-series, model identification, estimation of parameters, computation of forecasts and of confidence intervals, adaptive forecasting, and evaluation of forecasts. Requisites: PR, MATH 250.

613 Economic Fluctuation and Forecasting (3) A study of the factors producing economic cycles including history, theory, and statistical measure of business cycles. Emphasis will be placed on forecasting methods. Requisites: PR, ECON 201, ECON 202.

621 Public Finance (3) A study of the scope of government fiscal activity including the federal budget, government expenditures, and fiscal and debt management policy. Issues of taxation include principles of taxation, tax sources and distribution. Examples of current issues include revenue sharing, social security, national health issues, and urban transportation systems. Requisites: PR, ECON 202.

640 Money and Banking (3) An examination of the institutional setting which facilitates the creation and transfer of money between individuals, firms, and governments; how the supply and demand for money affect and are affected by national output, employment, prices, interest, and exchange rates; derivation of aggregate demand using Hicks' IS-LM model; theories and evidence of fiscal and monetary policy effectiveness in an open economy. Requisites: PR, ECON 202.

644 International Economics (3) A survey of international trade and finance, includes the theory and empirical foundations of international trade; the balance of payments and foreign exchange; contemporary international economic problems and commercial policies (e.g., tariffs, quotas, exchange control, international monetary reform). Requisites: PR, ECON 201, ECON 202.

651 Managerial Economics (3) Application of economic theory to business decision making at the individual firm level. Selected topics include: demand estimation and forecasting, production and cost theory, cost estimation and forecasting, pricing decisions, and government regulations. Requisites: PR, ECON 201, ECON 202, or GBUS 801.

652 Industrial Organization (3) A theoretical and empirical study of the structure, conduct, and performance of manufacturing firms and industries. Topics examined include

economic concentration, scale economics, entry barriers, and collusive oligopoly practices. These topics will be used to evaluate how well American industrial performance meets societal goals. Requisites: PR, ECON 201.

662 Readings + (1-3) For majors in the Robbins College of Business and Entrepreneurship. Purpose of the course is to provide an opportunity for in-depth reading and study in one area of economics or finance. Admission only upon consent of the instructor and approval by the department chair. Requisites: PERM.

665 Seminar + (3) The purpose of the seminar is to bring together a small group of students for intensive study, discussion, and research in selected fields of economics or finance. Requisites: junior standing; senior standing.

682 Labor Economics (3) The development and application of economic theory to the study of the labor market. Emphasis on labor demand, labor supply, employment, and wages at both the micro and macro levels. Requisites: PR, ECON 201, MATH 250.

692 Contemporary Economic Issues (3) Selected economic issues and problems confronting the American economy will be examined in depth through readings, discussions, and independent projects.

Finance

Undergraduate

Credit

201 Principles of Banking (3) This class provides an overview of banking with emphasis on current issues and trends. Students

will learn about bank organizational structure, line/staff functions, and employee responsibilities. The regulatory environment of banking is studied, including the involvement of the Federal Reserve and monetary policy. Bank deposit services and the credit function are reviewed. Skills learned include methods of measuring and analyzing the performance of financial institutions.

205 Principles of Personal Finance * (3) The study and application of personal financial planning processes. Topics include: budgeting, tax, insurance, investments, retirement, and estate planning.

305 Managerial Finance (3) A study of the basic concepts of the financial management of a corporation. Topics include: ratio analysis, financial planning, time value of money, capital budgeting, cost of capital, sources of financing, working capital management, and international financial management. Requisites: PR, ACCT 203.

306 Fundamentals of Lending (3) Fundamentals of credit documentation, management, investigation and analysis,

credit problems, collection activities, loan structure, protection and remedies.

311 Fundamentals of Investments (3) A study of the fundamental concepts of investment analysis and management. Topics include: the different types and characteristics of investment securities and markets, the timing and selection of securities, and an introduction to portfolio theory. Requisites: PR, FIN 305.

381 Principles of Real Estate (3) Characters of land, real estate markets, ownership, interest; legal instrument, contracts, closing transfers; financing, brokerage, management, appraising, developing, and ownership.

401 Property Insurance (3) Basic study of coverages offered by property and casualty insurers. Emphasis will be on development, basic concepts, and legal basis of the various lines of property and casualty insurance. Requisites: PR, FIN 391.

402 Life Insurance (3) Types of contract, functions of various contracts, company organization, rate making, selection of risks, and other home office operations. Governmental supervision of life insurance companies. Requisites: PR, FIN 391.

405 Intermediate Finance (3) A study of the theoretical aspects of the financing decisions of a corporate financial manager. Topics include: working capital, risk and return, valuation, capital budgeting with uncertainty, cost of capital, efficient markets, capital structure, risk hedging, mergers, and international financial management. Requisites: PR, FIN 305.

421 Real Estate Finance (3) A study real estate markets, the process of financing real estate transactions, and real property as an investment medium. Requisites: PR, FIN 305.

422 Theory of Appraising (3) Valuation theories applied to land, residential, commercial, and leasehold real estate, three approaches to value; depreciation, capitalization, and a residential appraisal required. Requisites: PR, FIN 381.

423 Real Estate Investments (3) A study of the feasibility and the analysis of long-term investment characteristics of condominiums, apartments, housing complexes, office buildings, shopping centers, industrial properties, farms, and subdivisions. Requisites: PR, FIN 381.

450 Personal Financial Planning (3) A comprehensive study of the concepts and techniques of financial planning. Topics include: the role of the financial planner, legal and ethical requirements, developing a financial plan, economic analysis, insurance analysis, investment analysis, tax planning, and estate and retirement planning. Requisites: PR, FIN 311, FIN 405, and ACCT 402; or PERM.

456 Senior Seminar (3) A capstone course that enables students to integrate finance principles with their college learning experiences by formulating questions, gathering information, structuring and analyzing information, drawing

conclusions, and communicating those conclusions to others in an oral and/or written form. Requisites: senior standing.

466 Apprenticeship + (1-3) The apprenticeship will provide the upper-division, undergraduate student with an opportunity to serve as a tutorial aide, researcher, classroom proctor, etc. To enroll, students must be majoring in finance and have at least a 3.0 major GPA and have completed at least 9 hours in the major core. Requisites: PERM of department chair.

467 Internship + (1-6) This course provides students with the opportunity to integrate and apply previous academic coursework in finance through professionally related work in business, government, or not-for-profit enterprises. Students may enroll for internship credit if the internship has been approved by the department chair. See advisor for details. Students must also have at least a 3.0 GPA and have completed at least 9 hours in the finance major core. Requisites: PERM.

Undergraduate/Graduate Credit

607 Options and Futures Markets (3) An examination of the markets and institutions that facilitate the creation, exchange, and liquidation of derivative financial assets. Includes risk management techniques using options and futures strategies, hedging, and cross-market arbitrage. Requisites: PR, MATH 250, FIN 305.

611 Investment Theories and Strategies (3) A study of the theoretical and practical aspects of portfolio management and security analysis. Topics include: portfolio theory, efficient capital markets, valuation, portfolio performance, international diversification, and specific management techniques applied to equity and debt securities as well as futures and options. Requisites: PR, FIN 311.

612 Bond Markets () A study of the theory and practice of fixed-income securities. Topics include: Treasury and Agency securities, corporate debt instruments, municipal securities, international bonds, residential mortgage loans, agency mortgage pass-through securities, agency collateralized mortgage obligations, and stripped mortgage-backed securities, the analytical techniques for valuing bonds, and bond portfolio strategies.

615 Tiger Investment Fund () The purpose of this course is to provide students with "real life" experience and knowledge of security analysis and portfolio management by managing the Tiger Investment Fund. Students will analyze investments subject to an Investment Policy Statement, make oral presentations to faculty and industry professionals, write analytical investment reports, and make buy/sell decisions. Students will use real-time data provided by Bloomberg, ValueLine, company financial statements, and other information necessary to make justified investment decisions. Investing legends including Benjamin Graham, Philip Fisher, Warren Buffett, John Templeton, T. Rowe Price, Peter Lynch, and others will be studied to gain insight into their success.

622 Personal Tax Planning (3) An introduction to income taxation and its impact on financial planning for individuals in their roles as employees, investors, and business owners.

630 Insurance Planning () An introduction to the theory and general principles of insurance and its impact on financial planning. Topics include: insurance and risk, property and casualty insurance, life, disability, long-term care, and health insurance.

631 Risk Management (3) A study of the principles of risk and the management techniques to minimize risk for the firm and individual.

641 Financial Markets and Institutions (3) A study of the nature, scope, and role of financial institutions in the economy; supply of and demand for loanable funds; money market; capital markets; the level and structure of interest rates; monetary, fiscal, and debt management policies. Requisites: PR, FIN 305.

642 Bank Management (3) A study of the organization and operations of national and state banks; the balance sheet of a commercial bank; liquidity management; asset management; loans and discounts; credit analysis; interest rates; investment account management; trust services; capital funds management; and safety of banks. Requisites: PR; FIN 305, FIN 201.

643 Bank Policy and Analysis (3) As a capstone course for Finance majors with a Banking Concentration, this course provides the opportunity for students to apply the skills and

knowledge obtained from their coursework to a banking environment.

645 International Finance (3) Examination and analysis of international financial decision making in areas of foreign investments, trade, and working capital management given various political, cultural, and technological constraints. Requisites: PR, FIN 305.

663 Problems + (1-3) Research topics to be selected by mutual agreement of student and instructor. Approval by the department chair is required. Requisites: PR, or senior/graduate standing and PERM.

670 Estate Planning (3) A comprehensive study of the fundamentals and techniques of estate planning. Topics include: property transfers, taxation as applied to estate planning, goals, probate, charitable transfers, estate planning for closely held business interests, will and trust, bypass, gift, liquidity, and postmortem planning.

680 Retirement and Employee Benefit Planning (3) A comprehensive study of the fundamentals and techniques of retirement and employee benefit planning. Topics include: ethics; types or alternative retirement plans; retirement needs analysis; tax implications; life, medical, and disability plans; and other current topics.

*General Education Course
+Course may be repeated #Lab required

Department of Informatics

The Department of Informatics is home to majors that reflect multiple disciplines representing a broad set of skills and professional attributes that are in high demand in business and technology industries. Our graduates have hands-on learning opportunities in software development, storage, information networks and management, human/ computer interfaces, cyber security, mobile app development and electronic multi-media. In addition to some of the highest job placement rates, many of our students have opportunities to advance rapidly in their careers.

With graduates and alumni in both private and government sectors, we can connect you with opportunities in federal intelligence agencies like NSA, FBI, or Homeland Security; or with national and regional companies such as Nex-Tech/RuralTel, Cerner, Google, Cisco, Cargill, Koch Industries, Sprint, Verizon, In*Touch Solutions, NDG, CDW, and Zappos to name a few. We've had graduates with media emphasis go on to work in the content side of the information industry with companies like Fox Sports, HGTV, KWCH, Time Warner Cable, Eagle Communications, NBCUniversal and many regional network affiliates around the country. Entrepreneurial students leaving our programs have successfully marketed commercial apps to companies such as eBay or start- ed their own technology or website business, like majorspoilers.com.

Department of Informatics Faculty & Staff

See department page online for full listing

Bachelor of Arts and Bachelor of Science: Information Networking and Telecommunications (Computer Networking and Telecommunications)

Our Computer Networking and Telecommunications graduates are designing the communication networks of tomorrow. They go on to work in engineering, design, support, managerial, sales, consulting, and regulatory positions.

[Computer Networking and Telecommunications - FHSU Informatics-HD](#) from [Tiger Media Network](#) on [Vimeo](#).

This concentration can include courses you need to sit for these certifications

- [Cisco Certified Network Associate \(CCNA\)](#)
- [Cisco Certified Network Professional \(CCNP ENCOR\)](#)

Our program provides extensive networking expertise and depth. We offer small class sizes and access to faculty. Our laboratory and computing environment is supported by leading companies such as Cisco and VMware. Regardless of where your skills are at when you enter, you'll leave with a competitive resume. Nearly 100 percent of our graduates are placed in their field of study.

The Computer Networking and Telecommunications concentration is offered both on campus and online. Some electives are offered only on campus or online.

Program Summary

Bachelor of Science

General Education Coursework: 34 Credit Hours

Core/Cross Concentration: 54 Credit Hours

Emphasis/Free Electives: 32 Credit Hours

TOTAL HOURS REQUIRED FOR DEGREE: 120 Credit Hours

INT MAJOR CORE (18 hours)

- INF 250 Introduction to Web Development (3 Credit Hours)
- INF 300 Foundations of Information Networking (3 Credit Hours)
- INF 405 Research Methods in Informatics (3 Credit Hours)
- INF 430 Technology, Innovation and Entrepreneurial Leadership (3 Credit Hours)
- INF 490 Capstone Seminar in Informatics (3 Credit Hours)
- INF 610 Public Policy, Ethics and Law in Telecommunications (3 Credit Hours)

CONCENTRATION REQUIREMENTS: CNT (21 Credit Hours)

- INF 291 Internetworking I (3 Credit Hours)
- INF 292 Internetworking II (3 Credit Hours)
- INF 393 Internetworking III (3 Credit Hours)
- INF 360 Programming with Python (3 Credit Hours)
- INF 670 Linux for Networks (3 Credit Hours)
- INF 680 Network Architecture and Data Communications I (3 Credit Hours)
- INF 681 Network Architecture and Data Communications II (3 Credit Hours)

EMPHASIS ELECTIVES: (15 Credit Hours)

Work with your advisor to choose five courses from the below list to meet your goals.

- INF 302 - Windows Client Administration
- INF 304 - Management Information Systems

- INF 305 - Windows Server Administration
- INF 322 - Topics in Informatics
- INF 345 - Electronic Game Theory and Practice
- INF 472 - Readings in Informatics
- INF 473 - Problems in Informatics
- INF 479 - Internship in Informatics
- INF 651 - Front End Web Development I
- INF 652 - Database Design and Programming
- INF 653 - Back-End Web Development I
- INF 662 - Modern Telephony
- INF 664 - Wireless and Cellular Systems
- INF 678 - Seminar in Informatics
- INF 685 - Fundamentals of Network Security
- INF 686 - Network Security: Firewalls
- INF 695 - Advanced Routing
- INF 697 - Advanced LAN Switching

PROGRAMS OF STUDY

- [Download the Computer Networking and Telecommunications Concentration Program of Study for Campus Students](#)
- [Download the Computer Networking and Telecommunications Concentration Program of Study for FHSU Online Students](#)

Bachelor of Arts or Bachelor of Science: Information Networking and Telecommunications (Cybersecurity)

Bachelor of Science or Arts in Information Networking and Telecommunications, Concentration: Cybersecurity

The job opportunities in the cybersecurity industry are booming. According to CyberSeek.org, as of April 2022, there are 714,548 job openings across the United States. This Cybersecurity program allows students to focus on becoming Cybersecurity Analysts, gaining an understanding of how to analyze today's cyber threats and how to react to them.

To accelerate your opportunities and further your career, pursue a [Masters of Professional Studies: Cybersecurity](#) through the Dept of Informatics.

Program Summary

Bachelor of Science

Total hours required for degree: 120 Credit Hours

- General Education Coursework: 34 Credit Hours
- Core/Cross Concentration: 54 Credit Hours
- Emphasis/Free Electives: 32 Credit Hours

Bachelor of Arts

Total hours required for degree: 120 Credit Hours

- General Education Coursework: 44 Credit Hours (includes 10 hours of foreign language)
- Core/Cross Concentration: 54 Credit Hours
- Emphasis/Free Electives: 22 Credit Hours

Informatics Major Core (18 credit hours)

- INF 250 Introduction to Web Development (3 Credit Hours)
- INF 300 Foundations of Informatics (3 Credit Hours)
- INF 405 Research Methods in Informatics (3 Credit Hours)
- INF 430 Technology Innovation and Entrepreneurial Leadership (3 Credit Hours)
- INF 490 Capstone Seminar in Informatics (3 Credit Hours)
- INF 610 Public Policy, Ethics and Law in Information Networking (3 Credit Hours)

Concentration Requirements: Cyber Security (21 credit hours)

- INF 291 Internetworking I (3 Credit Hours)
- INF 292 Internetworking II (3 Credit Hours)
- INF 302 Windows Client Administration OR INF 305 Windows Server Administration (3 Credit Hours)
- INF 360 Programming with Python (3 Credit Hours)
- INF 671 Linux for Networks (3 Credit Hours)
- INF 686 Network Security Firewalls (3 Credit Hours)
- INF 322 Topics in Informatics: Cyber Operations (3 Credit Hours)

EMPHASIS ELECTIVES: (15 Credit Hours)

- Choose any five INF courses in consultation with your advisor

Programs of Study

[Download the Cybersecurity Program of Study for Campus Students \(PDF\)](#)

[Download the Cybersecurity Program of Study for FHSU Online Students \(PDF\)](#)

Bachelor of Arts or Bachelor of Science: Information Networking and Telecommunications (Digital Media Production & Journalism)

In the Digital Media Production and Journalism Concentration students develop converged media skills. Curriculum includes traditional broadcast, but also digital media production to reflect the needs of today's media job market. If you're interested in production, you'll have unique opportunities in animation and motion picture production and can begin studio work as a freshman.

Our students and alumni regularly win awards and recognition, including Academy Awards for Visual Effects, Emmys, and National Association of Broadcasters and Kansas Association of Broadcasters awards.

Our graduates work at NBC, CBS, ABC, PBS, CNN, Fox affiliates, Honeywell, Steven Spielberg's Amblin Imaging, Eagle Communications, Cox Media and at the New York Film Institute. Some even own companies:

- KUTT 99.5 Radio
- 12 Inch Design
- Triumphant Productions
- First Son Productions

Program Summary

Bachelor of Arts

General Education Coursework: 44 credit hours (includes 10 hours of foreign language)

Core/Cross Concentration: 54 hours

Emphasis/Free Electives: 22 hours

TOTAL HOURS REQUIRED FOR DEGREE 120 hours

Bachelor of Science

General Education Coursework: 34 credit hours

Core/Cross Concentration: 54 credit hours

Emphasis/Free Electives: 32 credit hours

TOTAL HOURS REQUIRED FOR DEGREE: 120 Credit Hours

INFORMATICS MAJOR CORE (18 Credit Hours)

- INF 250 Introduction to Web Development (3 Credit Hours)
- INF 300 Foundations of Information Networking (3 Credit Hours)
- INF 405 Research Methods in Informatics (3 Credit Hours)
- INF 430 Technology, Innovation, and Entrepreneurial Leadership (3 Credit Hours)
- INF 490 Capstone Seminar in Informatics (3 Credit Hours)
- INF 610 Public Policy, Ethics and Law in Information Networking (3 Credit Hours)
or INF 626 Communications Ethics & Law (3 Credit Hours)

CONCENTRATION REQUIREMENTS: DIGITAL MEDIA PRODUCTION AND JOURNALISM (21 Credit Hours)

- INF 140 Introduction to Electronic Media (3 Credit Hours)
- INF 240 Digital News Reporting (3 Credit Hours)
- INF 346 Beginning Video Production (3 Credit Hours)
- INF 348 Beginning Audio Production (3 Credit Hours)
- INF 349 Convergent Media Lab (3 Credit Hours; take twice)
- INF 349 Convergent Media Lab (3 Credit Hours; take twice)
- INF 603 Big Data Analytics (3 Credit Hours)

EMPHASIS ELECTIVES: (15 Credit Hours)

This is your opportunity to customize a program just for you. Students will work with their advisor to tailor their remaining 15 Credit Hours of program electives for the major based upon their personal interests and goals. Looking for recommendations now, recommended tracks follow the list.

Possible courses include:

- INF 336 Electronic Newsroom Operation
- INF 337 Multi-Media Reporting (3 Credit Hours)
- INF 340 Media Performance
- INF 350 Sports Announcing
- INF 360 Programming with Python
- INF 472 Readings in Informatics
- INF 479 Internship in Informatics
- INF 603 Big Data Analytics
- INF 625 Advanced Digital Journalism
- INF 633 Advanced Video Production
- INF 634 Graphics and Effects for Video
- INF 636 Computer Editing of Video
- INF 638 Intensive Video Production
- INF 651 Front-End Web Development
- INF 658 Law of Cyberspace
- INF 678 Seminar in Informatics

- HHP 305 Sports Information Management
- MUS 498 Recording Practicum
- ENG 675 Script Writing
- ENTR 350 Opportunity Dev. And Creativity
- MGT 101 - Introduction to Business

Recommended selections for:

Audio Production track

- MGT 101 Introduction to Business
- ENTR 350 Opportunity Dev. and Creativity
- ENG 675 Script Writing
- INF 633 Advanced Vid
- INF 603 Big Data Analytics

Video Production track

- INF 633 Advanced Video Production
- INF 638 Intensive Video Production
- INF 636 Computer Editing of Video
- INF 634 Computer Graphics for Film and Video or
- INF 678 Advanced Audio Production
- ENG 675 Scriptwriting

Journalism track

- INF 336 Electronic newsroom Operations (3 Credit Hours)
- INF 337 Multi-Media Reporting (3 Credit Hours)
- INF 340 Media Performance (3 Credit Hours)
- ANY other two courses from the list

PROGRAM OF STUDY

[Download the Digital Media Production and Journalism program of study for on-campus students](#)

Bachelor of Arts or Bachelor of Science: Information Networking and Telecommunications (Health Informatics)

The Health Informatics concentration is designed to give those already working in the healthcare industry, or hoping to work in healthcare the ability to understand the needs and demands of patient care and information security.

As the healthcare industry increasingly transitions to web-based interfaces, electronic storage and retrieval of patient information, and more sophisticated networks for medical information management, the demand for medical professionals with technology training and expertise is growing. In larger markets, technology professionals with training and expertise specific to medical industries, patient care practices, and information security have created niche demand that is not being met.

Hospitals, clinics, specialty practices, pharmaceutical, and insurance industries are aggressively recruiting this kind of professional, with a uniquely mixed background. These new positions now have some of the highest salaries in the IT field.

Program Summary

Bachelor of Arts

General Education Coursework: 44 hours (includes 10 credit hours of foreign language)

Core/Cross Concentration: 54 hours

Free Electives: 22 hours

TOTAL HOURS REQUIRED FOR DEGREE: 120 hours

Bachelor of Science

General Education Coursework: 34 hours

Core/Cross Concentration: 54 hours

Free Electives: 26 hours

TOTAL HOURS REQUIRED FOR DEGREE: 120 hours

INFORMATICS MAJOR CORE (18 hours)

- INF 250 Introduction to Web Development (3 Credit Hours)
- INF 300 Foundations of Information Networking (3 Credit Hours)
- INF 405 Research Methods in Informatics (3 Credit Hours)
- INF 430 Technology, Innovation and Entrepreneurial Leadership (3 Credit Hours)
- INF 490 Capstone Seminar in Informatics (3 Credit Hours)
- INF 610 Public Policy, Ethics and Law in Telecommunications (3 Credit Hours)

CONCENTRATION REQUIREMENTS: (21 hours)

- INF 291 Internetworking I (3 Credit Hours)
- INF 292 Internetworking II (3 Credit Hours)
- INF 293 Internetworking III (3 Credit Hours)
- NURS 440 Informatics for the RN (3 Credit Hours)
- NURS 442 Legal and Ethical Issues in Healthcare (3 Credit Hours)
- INF 652 Database Design and Programming (3 Credit Hours)
- feINF 685 Fundamentals of Network Security (3 Credit Hours)

EMPHASIS ELECTIVES: (15 Credit Hours)

In consultation with advisor to choose five courses from the following list to meet your goals.

- INF 302 - Windows Client Administration
- INF 304 - Management Information Systems
- INF 305 - Windows Server Administration
- INF 322 - Topics in Informatics
- INF 345 - Electronic Game Theory and Practice
- INF 360 - Programming with Python
- INF 472 - Readings in Informatics
- INF 473 - Problems in Informatics
- INF 479 - Internship in Informatics
- INF 651 - Front End Web Development I
- INF 653 - Back-End Web Development I
- INF 662 - Modern Telephony
- INF 664 - Wireless and Cellular Systems
- INF 678 - Seminar in Informatics
- INF 685 - Fundamentals of Network Security
- INF 686 - Network Security: Firewalls
- INF 695 - Advanced Routing
- INF 697 - Advanced LAN Switching

PROGRAM OF STUDY

[Download the Health Informatics program for campus students.](#)

[Download the Health Informatics program for FHSU Online students.](#)

Bachelor of Arts or Bachelor of Science: Information Networking and Telecommunications (Information Systems)

With a concentration in Information Systems, you will develop knowledge about information systems and how they relate to other informatics areas. This degree prepares you for technology-track careers.

Built on the concept of media convergence, our program teaches digital media and journalism, computer networking, web and mobile application development, and cybersecurity.

Our graduates work in business, government, education, entertainment, and health care organizations.

PROGRAM SUMMARY

Bachelor of Arts

General Education Coursework: 44 hours (includes 10 credit hours of foreign language)

Core/Cross Concentration: 54 hours

Emphasis/Free Electives: 22 hours

TOTAL HOURS REQUIRED FOR DEGREE (120 hours)

Bachelor of Science

General Education Coursework: 34 hours

Core/Cross Concentration: 54 hours

Emphasis/Free Electives: 32 hours

TOTAL HOURS REQUIRED FOR DEGREE (120 hours)

INFORMATICS MAJOR CORE (18 hours)

- INF 250 Introduction to Web Development (3 Credit Hours)
- INF 300 Foundations of Informatics (3 Credit Hours)
- INF 405 Research Methods in Informatics (3 Credit Hours)
- INF 430 Technology, Innovation and Entrepreneurial Leadership (3 Credit Hours)
- INF 490 Capstone Seminar in Informatics (3 Credit Hours)
- INF 610 Public Policy, Ethics and Law in Information Networking (3 Credit Hours)

CONCENTRATION REQUIREMENTS: INFORMATION SYSTEMS (21 hours)

- INF 302 Windows Client Administration (3 Credit Hours)
- INF 304 Management Information Systems (3 Credit Hours)
- INF 305 Windows Server Administration (3 Credit Hours)
- INF 330 Business Intelligence (3 Credit Hours)
- INF 360 Programming with Python (3 Credit Hours)
- MIS 602 Information Systems Design and Development (3 Credit Hours)
- INF 604 Data Analytics I (3 Credit Hours)

EMPHASIS ELECTIVES: (15 hours)

Choose any five courses from INF, MIS, TECS, GSCI, CSCI, AEP and BCOM in consultation with your advisor.

PROGRAM OF STUDY

[Download the Information Systems program for Campus students.](#)

[Download the Information Systems program for FHSU Online students.](#)

Bachelor of Arts or Bachelor of Science: Information Networking and Telecommunications (Web and Mobile Application Development)

With a concentration in Web Development, you'll have the opportunity to develop coding, design, and video and animation skills for the web and mobile devices. You'll also learn e-commerce, work-flow and Web-based database development.

Built on the concept of media convergence, our program teaches electronic media as well as Web tools, software, scripting languages and databases. We'll prepare you for the Certified Web Designer Apprentice (CWDSA) and [Oracle Certified Associate](#) certifications.

Our graduates work in business, government, education, entertainment, and health care organizations.

Program Summary

Bachelor of Arts

General Education Coursework: 44 hours (includes 10 hours of foreign language)

Core/Cross Concentration: 54 hours

Emphasis/Free Electives: 22 hours

TOTAL HOURS REQUIRED FOR DEGREE (120 hours)

Bachelor of Science

General Education Coursework: 34 hours

Core/Cross Concentration: 54 hours

Emphasis/Free Electives: 32 hours

TOTAL HOURS REQUIRED FOR DEGREE (120 hours)

INFORMATICS MAJOR CORE (18 hours)

- INF 250 Introduction to Web Development (3 Credit Hours)
- INF 300 Foundations of Informatics (3 Credit Hours)
- INF 405 Research Methods in Informatics (3 Credit Hours)
- INF 430 Technology, Innovation and Entrepreneurial Leadership (3 Credit Hours)
- INF 490 Capstone Seminar in Informatics (3 Credit Hours)
- INF/POLS 610 Public Policy, Ethics and Law in Information Networking (3 Credit Hours)

CONCENTRATION REQUIREMENTS: WEB (21 hours)

- INF 360 Programming with Python (3 Credit Hours)
- INF 650 Introduction to Human-Computer Interaction (3 Credit Hours)
- INF 651 Front-End Web Development I (3 Credit Hours)
- INF 652 Database Design and Programming (3 Credit Hours)
- INF 653 Back-End Web Development I (3 Credit Hours)
- INF 654 Mobile Web Development I (3 Credit Hours)

- INF 655 Front-End Web Development II (3 Credit Hours)

EMPHASIS ELECTIVES: (15 hours)

- Choose any five INF courses in consultation with your advisor.

PROGRAM OF STUDY

[Download the Web and Mobile Application Development program for campus students.](#)

[Download the Web and Mobile Application Development program for FHSU Online students.](#)

Master of Professional Studies: Computer Networking

Computer Networking Curriculum

All courses are available on campus and through FHSU Online. Please consult with the department regarding course availability in specific semesters in order to assemble a program of study.

CORE (9 Credit Hours)

- INF 890 Research Methods in Informatics (3 Credit Hours)
- INF 802 Proseminar in Informatics (3 Credit Hours)
- INF 685 Fundamentals of Network Security (CCNA Security Prep) (3 Credit Hours)

MAJOR (9 hours)

- INF 695 Advanced Routing (3 Credit Hours)
- INF 697 Advanced LAN Switching (3 Credit Hours)
- INF 678 Seminar in Informatics: Internetwork Troubleshooting (3 Credit Hours)

COGNATE/ELECTIVES (9 Credit Hours) Choose 3 courses from this list

- INF 658 Law of Cyberspace (3 Credit Hours)
- INF 662 Modern Telephony (3 Credit Hours)
- INF 664 Wireless and Cellular Systems (3 Credit Hours)
- INF 678 Seminar in Informatics: Virtualized Infrastructure Development/Management (3 Credit Hours)
- INF 880 Management of Information Security (3 Credit Hours)
- INF 876 Graduate Professional Topics in Informatics: Penetration Testing (3 Credit Hours)
- INF 885 Information Risk Management (3 Credit Hours)
- INF 826 Internship in Information Networking (3 Credit Hours)
- INF 872 Readings in INT (3 Credit Hours)

CULMINATING EXPERIENCE (3 hours)

- INF 891 Capstone in Informatics (3 Credit Hours)

Master of Professional Studies: Cyber Security

Cyber Security Curriculum

With the ever-changing threats on the internet, Cybersecurity has become more important than ever. Fort Hays State University Informatics has pursued and received the designation as a National Center of Academic Excellence in Cyber Defense, an accreditation by the National Security Agency (NSA) and the Department of Homeland Security (DHS).

All courses are available on campus and through FHSU Online. Please consult with the [Department of Informatics](#) regarding course availability in specific semesters in order to assemble a program of study.

Core (9 Credit Hours)

- INF 890 Research Methods in Informatics (3 Credit Hours)
- INF 802 Proseminar in Informatics (3 Credit Hours)
- INF 684 Foundations of Information Systems Security (CISSP Prep) (3 Credit Hours)

Major (12 Credit Hours)

- INF 678 Seminar in Informatics: Operating System Security (3 Credit Hours)
- INF 876 Graduate Professional Topics in Informatics: Information Systems Forensics (3 Credit Hours)
- INF 876 Graduate Professional Topics in Informatics: Network Defense (3 Credit Hours)
- INF 876 Graduate Professional Topics: Penetration Testing (3 Credit Hours)

Cognates (6 Credit Hours)

- INF 686 Network Security Firewalls (3 Credit Hours)
- INF 678 Seminar in Informatics: Virtualized Hardware (3 Credit Hours)
- INF 678 Seminar in Informatics: Web Security (3 Credit Hours)
- INF 671 Linux in Networking (3 Credit Hours)
- INF 672 Advanced Linux in Networking (3 Credit Hours)

*Please contact your advisor for more options.

Culminating Experience (3 Credit Hours)

- INF 891 Capstone in Informatics (3 Credit Hours)

This program will prepare students for these industry certifications:

- Certified Information Systems Security Professional (CISSP)
- AWS Certified Security Specialty
- CompTIA Security+
- CompTIA PenTest+
- Certified Ethical Hacker
- Certified Network Defender
- Splunk> Core Certified User
- Palo Alto Network Security Administrator (PCNSA)
- Linux Professional Institute Administrator (LPIC-1)

Master of Professional Studies: Information Assurance Management

All courses are available on campus and through FHSU Online. Please consult with the department regarding course availability in specific semesters in order to assemble a program of study.

CORE (9 Credit Hours)

- INF 890 Research Methods in Informatics (3 Credit Hours)
- INF 802 Proseminar in Informatics (3 Credit Hours)
- INF 684 Foundations of Information Systems Security (CISSP Prep) (3 Credit Hours)

MAJOR (12 Credit Hours)

- INF 678 Seminar in Informatics: Web Security (3 Credit Hours)
- INF 876 Graduate Professional Topics in Informatics: Information Security Policy Development (3 Credit Hours)
- INF 880 Management of Information Security (3 Credit Hours)
- INF 885 Information Risk Management (3 Credit Hours)

COGNATE/ELECTIVES (6 Credit Hours) Choose 2 courses from this list

- INF 678 Seminar in Informatics: Operating System Security (3 Credit Hours)
- INF 876 Graduate Professional Topics in Informatics: Penetration Testing (3 Credit Hours)
- INF 658 Law of Cyberspace (3 Credit Hours)

PROJECT (3 Credit Hours)

- INT 891 Capstone in Informatics (3 Credit Hours)

Master of Professional Studies: Web and Applications Development

Web and Mobile Applications Development Curriculum

All courses are available on campus and through FHSU Online. Please consult with [Angela Walters](#) regarding course availability in specific semesters in order to assemble a program of study.

CORE (9 Credit Hours)

- INF 802 Proseminar in Informatics (3 Credit Hours)
- INF 890 Research Methods in Informatics (3 Credit Hours)
- INF 650 Introduction to Human-Computer Interaction (3 Credit Hours)

MAJOR (15 Credit Hours)

- INF 651 Front End Web Development I (3 Credit Hours)
- INF 652 Database Design and Programming (3 Credit Hours)
- INF 653 Back-End Web Development I (3 Credit Hours)
- INF 654 Mobile Web Development I (3 Credit Hours)
- INF 655 Front-End Web Development II (3 Credit Hours)

ELECTIVES (3 hours) Choose 1 courses from this list

- INF 656 Back-End Development II (3 Credit Hours)
- INF 657 Mobile Web Development II (3 Credit Hours)
- INF 658 Law of Cyberspace (3 Credit Hours)
- INF 826 Graduate Internship Informatics (3 Credit Hours)

PROJECT (3 Credit Hours)

- INF 891 Capstone in Informatics (3 Credit Hours)

Minor in Information Networking and Telecommunications

Enhance your resume and career opportunities with a Minor in Computer Networking from the Department of Informatics at Fort Hays State University. This minor provides degree seeking students in related fields a way to learn applied skills that would be valuable in fields as far ranging as Criminal Justice, Computer Science, Management Information Systems, and Technology Studies.

This minor may include courses needed to prepare one to sit for the [Cisco Certified Network Associate \(CCNA\)](#) certification depending on your choice of electives.

Our program provides extensive networking expertise and depth. We offer small class sizes and access to faculty. Our laboratory and computing environment is supported by leading companies such as Cisco and VMWare. Regardless of where your skills are at when you enter, you'll leave with valuable skills and a competitive resume.

The Computer Networking and Telecommunications minor is offered both on campus and online. Some electives are offered only on campus or online.

Program Summary

Minor in Computer Networking and Telecommunications

Core Courses: 12 Credit Hours

Computer Networking Electives: 9 Credit Hours

TOTAL HOURS REQUIRED FOR MINOR: 21 Credit Hours

COMPUTER NETWORKING CORE REQUIREMENTS (12 Credit Hours)

- INF 291 Internetworking I (CCNA Prep) (3 Credit Hours)
- INF 292 Internetworking II (CCNAT Prep) (3 Credit Hours)
- INF 680 Network Architecture and Data Communications I (3 Credit Hours)
- INF 681 Network Architecture and Data Communications II (3 Credit Hours)

COMPUTER NETWORKING ELECTIVES (9 Credit Hours)

Choose three from the following:

- INF 393 Internetworking III (CCNA Prep) (3 Credit Hours)
- INF 671 Linux for Networking (3 Credit Hours)
- INF 684 Foundations of Information System Security (CISSP Prep) (3 Credit Hours)
- INF 685 Fundamentals of Network Security (3 Credit Hours)
- INF 695 Advanced Routing (CCNP ENCOR Prep) (3 Credit Hours)

Minor in Media Production

The Department of Informatics' Minor in Media Production is designed to prepare you to create quality audio or video content and market it as well as yourself to a wide audience. This minor if you choose, will provide you a look at the entrepreneurial side of audio and video, while allowing you to be creative.

Our Minor in Media Production provides a hands-on in-depth understanding of the digital content business. We offer small class sizes and access to faculty whether you are attending online or through FHSU Online. Regardless of where your skills are at when you enter, you'll leave with valuable skills and a competitive resume.

The Minor in Media Production is offered as an on-campus minor. A few of the courses could be available online.

Program Summary

Minor in Media Production

TOTAL HOURS REQUIRED FOR MINOR: 24 Credit Hours

MEDIA PRODUCTION MINOR CORE COURSES (21 Credit Hours)

- INF 140 Introduction to Electronic Media (3 Credit Hours)
- INF 250 Introduction to Web Development (3 Credit Hours)
- INF 346 Beginning Video Production (3 Credit Hours)
- INF 348 Beginning Audio Production (3 Credit Hours)
- INF 349 Convergent Media Lab (3 Credit Hours)
- INF 430 Technology Innovation and Entrepreneurial Leadership (3 Credit Hours)
- INF 658 Law of Cyberspace (3 Credit Hours)

MEDIA PRODUCTION MINOR ELECTIVES COURSES (3 Credit Hours)

Choose One:

- INF 240 News Reporting (3 Credit Hours)
- INF 633 Advanced Video Production (3 Credit Hours)
- INF 634 Graphics & Effects for Video & Film (3 Credit Hours)
- INF 636 Computer Editing for Video (3 Credit Hours)
- INF 638 Intensive Video Production (3 Credit Hours) (with permission)
- ENG 602 Topics in Screenwriting

Minor in Web Development

The Department of Informatics' Minor in Web Development is designed to prepare you to create, manipulate and maintain content for the web. These are skills that are in high demand as shown in [CNN's article on 100 Best Jobs](#). No matter what your career path may be, this minor will provide a competitive advantage in the job market.

Our Minor in Web Development provides a hands-on in-depth understanding of the digital world and knowledge of design interactions. We offer small class sizes and access to faculty whether you are attending online or through the Fort Hays State University FHSU Online. Regardless of where your skills are at when you enter, you'll leave with valuable skills and a competitive resume.

The Minor in Web Development is offered both on campus and online.

Program Summary

Minor in Web Development

TOTAL HOURS REQUIRED FOR MINOR: 21 Credit Hours

WEB DEVELOPMENT MINOR COURSES (21 Credit Hours)

- INF 250 Introduction to Web Development (3 Credit Hours)
- INF 650 Introduction to Human-Computer Interaction (3 Credit Hours)
- INF 651 Front-End Web Development I (3 Credit Hours)
- INF 652 Database Design and Programming (3 Credit Hours)
- INF 653 Back-End Web Development I (3 Credit Hours)
- INF 654 Mobile Web Development I (3 Credit Hours)
- INF 479 Internship in Informatics (3 Credit Hours)

Certificates in Informatics

Applied Data Analytics Certificate

Available on campus and online.

COURSES (12 HOURS)

Undergraduate

- INF 360 Programming with Python
- INF 603 Big Data Analytics
- INF 604 Data Analytics
- INF 652 Database Design and Programming

Graduate

- INF 601 Advanced Programming with Python
- INF 603 Big Data Analytics
- INF 604 Data Analytics
- INF 652 Database Design and Programming

Certificate in Audio Production

This certificate is designed to prepare you to create quality audio or video content and market it as well as yourself to a wide audience. This certificate if you choose, will provide you a look at the entrepreneurial side of audio and video, while allowing you to be creative.

Our Certificate in Audio Production provides a hands-on in-depth understanding of the digital content business. We offer small class sizes and access to faculty whether you are attending online or through the Fort Hays State University FHSU Online. Regardless of where your skills are at when you enter, you'll leave with valuable skills and a competitive resume.

The Certificate in Audio Production is offered on-campus.

Program Summary

TOTAL HOURS REQUIRED FOR CERTIFICATE: 15 Credit Hours

- INF 322 Topics in Informatics/Advanced Audio Production
- INF 322 Topics in Informatics/Media Entrepreneurship
- INF 348 Beginning Audio Production
- INF 349 Convergent Media Lab
- INF 658 Law of Cyberspace

Certificate in Business Information Systems

This certificate will give you a greater understanding of information systems. It's designed for those who don't have, and aren't pursuing, an information systems degree.

It will help you:

- Incorporate information technology into your current position
- Oversee the information technology function in your area
- Collaborate with information systems professionals to create opportunities for greater productivity and efficiency

Available on campus and online.

Courses (15 Credit Hours)

- INF 304 Management Information Systems
- INF 315 Enterprise Resource Planning
- INF 330 Business Intelligence
- INF 430 Technology Innovation and Entrepreneurial Leadership

- INF 678 Seminar in Informatics: Data Analytics I

Front-End Web Developer Certificate

If you are interested in developing the exciting front-end of a web application (everything the user interacts with,) this certificate is the right one for you. You will learn how to use HTML, CSS, and Java Script (as well as associated frameworks) to code up web applications (including serverless web applications) while focusing on human-computer interaction principles and user experience design.

To provide the flexibility you might need, we offer these classes on-campus and online.

Courses (15 Credit Hours)

- INF 250 Introduction to Web Development
- INF 360 Programming with Python
- INF 650 Introduction to Human-Computer Interaction
- INF 651 Front-End Web Development I
- INF 655 Front-End Web Development II

Full Stack Web Developer Certificate

If you would like to continue building your skills while diving into the server-side scripting languages and databases (and the main components that enable modern web applications), you can pursue the full-stack web developer certificate. You'll cover all aspects of mobile development, including building native applications. As a full-stack developer, you'll have the knowledge needed to dive into any area of web development, while still focusing on the area of most interest to you.

As with the Front-End Developer certificate, which is required before starting the Full Stack Web Developer certificate, you'll need to earn a "C," or higher in each course. This certificate can be completed at the Undergraduate OR Graduate level depending on whether you take the course as an undergraduate or graduate* student.

Courses (15 hours)

- INF 652 Database Design and Programming
- INF 653 Back-End Web Development I
- INF 654 Mobile Web Development I
- INF 656 Back-End Web Development II
- INF 657 Mobile Web Development II

*There are additional requirements for graduate students completing the courses.

Certificate in Internetworking

Are you looking to become a computer networking professional? Would you like to expand your credentials?

This certificate will prepare you to sit for the Cisco Certified Network Associate certification exam. You may take these classes independent of a degree program or apply them toward a bachelor degree in Computer Networking and Telecommunications.

Available on campus and online.

Courses (15 hours)

- INF 291 Internetworking I (CCNA Prep)
- INF 292 Internetworking II (CCNA Prep)
- INF 393 Internetworking III (CCNA Prep)
- INF 680 Network Architecture and Data Communications I
- INF 681 Network Architecture and Data Communications II (pre-req: INF 680)

Internetworking I, Internetworking II and Internetworking III courses focus on key concepts covered by the Cisco Certified Network Associate (CCNA) certification exam.

INF 680 Network Architecture and Data Communications I

This course covers the OSI Model, physical media, electrical signal, line coding, link level protocol, network routing and addressing, and LAN and WAN concepts.

INF 681 Network Architecture and Data Communications II

This course covers a variety of network related services in the upper layers of the OSI Model. Topics may include: Internetwork Design, Internetwork Security, Synchronous Optical Network (SONET), Internet Control Message Protocol (ICMP), Simple Network Management Protocol (SNMP), Point to Point Protocol, advanced routing protocols and other networking services.

Course Listings - Informatics

Undergraduate Credit

101 Introduction to Computer Information Systems (3) This course is an introduction to computing with emphasis on improving productivity and communication through the effective use of available technology. Students will acquire computing skills to increase personal productivity in problem-solving, critical thinking and information management through the use of available software packages designed for office applications and telecommunications.

122 Introductory Workshop in Informatics (1-3) This is a variable content course designed to provide academic credit for lower division students participating in specialized workshops designed to explore one or more curricular areas of Information Networking and Telecommunications. Course subtitles reflect specific topics. Sample uses include: INT 122 Intro Workshop/Movie Making, INT 122 Intro Workshop/Web Team, INT 122 Intro Workshop/Exploring Information Sciences. This course may be taken multiple times with differing subtitles.

140 Introduction to Electronic Media (3) This course presents an overview of the operations and history of the radio and television industry and its evolution to new media. It surveys contemporary media communication, strategy, industry issues, and policy issues. It also provides an introduction to the impact of the convergence of technologies in the electronic media.

240 Digital News Reporting (3) Beginning course in recognizing, gathering, and writing news. Outside reporting required. Requisites: PR, ENG 102

250 Introduction to Web Development (3) This course provides the concepts and skills for planning, development, and deployment of web-based hypermedia systems. It covers the use of text, graphics, audio, and video in web environments and the conversion of existing systems to web environments. A major web-based project is required. This is a required course for INT majors. Requisites: PR, INF 101, CSCI 163 or equivalent.

291 Internetworking I (3) Students will study the application of theories relevant to data communications for global internetworking and apply those concepts to a variety of assignments, including hands-on internetworking labs and projects. Students will study topics that include the fundamentals of internetworking, the roles of protocols and layered communications within data networks. Students will also learn about physical and logical network addressing, the devices and services that support data communications as well as the fundamental concepts associated with routing and switching. This course is part of the 12-hour certificate in Internetworking offered by the Department of Informatics and it is a prerequisite to INF 292.

292 Internetworking II (3) This course will continue to explore the fundamental internetworking concepts associated with routing and switching. Students will study key characteristics associated with Local Area Networks and the role the switches and routers play. Students will have the opportunity to learn about advanced switching concepts as well as apply them through hands-on laboratory projects. Students will also explore some static and

dynamic routing, traffic filtering through access control lists, as well as advanced network services such as DHCP, DNS, and Network Address Translation. This is the second of two courses that are aligned with the objectives of Cisco's CCENT certificate exam. Requisites: PR, INF 292

300 Foundations of Informatics (3) This course introduces the student to the basic principles of the field of Information Networking and Telecommunications by examining both the technologies that are important in assembling and distributing information and the skills that are necessary to succeed in this field, such as critical thinking, peer and self-assessment, reflective thinking, collaborative work, time management, and professionalism. Completion of this course will allow the student to move on to more advanced courses within the major.

302 Windows Client Administration (3) Contemporary treatment of computer architecture using assembly language, the interface between hardware and software. Provides an overview of key hardware and software engineering issues.

303 Computer Operating Systems (3) Operating-system software and design, including device management, resource allocation, task scheduling and control, communications interfaces, user management, security, and current developments in the field. Extensive work in command and script languages for job control (e.g., DOS, VSE, VM, Windows).

304 Management Information Systems (3) The study of: information systems usage and management; information-based support systems and information systems requirements; management of information systems; and advanced considerations in the evaluation and selection of information systems.

305 Windows Server Administration (3) Principles of programming languages, including compilation and interpretation, syntax specification, and language selection; program development environments. Requisites: PR, INF 302.

306 Android Application Development (3) This course provides the essential features of visual basic programming language for rapid application development. The standard controls and event handling procedures in Visual Basic is discussed and used to develop applications with graphical user interface. Coverage will include strings manipulation, array structures, function calls, object development, and database connectivity. Requisites: PR, JR standing.

312 Web Design for Non-Majors (3) This course introduces students to basic web technologies. Throughout the course students are introduced to planning and designing effective web pages; implementing web pages by writing HTML and CSS code; enhancing web pages with the use of current web design technologies, page layout techniques, text formatting, graphics, images, and multimedia; and producing a functional, single and multi-page website using current web platforms.

315 Enterprise Resource Planning (3) This course is intended to explain how the fundamental business processes interact with ERP in the functional areas of Sales and Distribution, Materials

Management, Production Planning, Financial Accounting, Controlling, and Human Capital Management. Real business scenarios and applied techniques to organizational decision making are emphasized. Requisites: PR, INF 304

320 Electronic Commerce (3) This course provides a broad coverage of key business and technology elements for creating and maintaining an electronic commerce site. Current issues in electronic commerce infrastructure, security options, management techniques, marketing strategies, and payment systems are presented and discussed. The course will provide case studies to demonstrate successful implementation of electronic storefronts. Requisites: PR, Junior standing.

322 Topics in Informatics + (1-3) Course is designed to provide academic credit for a number of different areas in the Information Networking and Telecommunications Department. The student will study one particular topic in depth.

330 Business Intelligence (3) This course provides conceptual and applied knowledge in techniques to visualize, process, and use data to support and enhance decision-making in business. Students gain practical experience in using BI tools and technologies, and apply design principles for creating intelligent solutions to realistic business problems. Requisites: PR, INF 315.

335 Collaboration Systems (3) Modern interface hardware/software systems, including selection, implementation, and control; specification of graphical user-interface applications, including display graphics, graphics-oriented interface systems, and operating system interface considerations (extensive work in large-scale project development using object-oriented systems).

336 Electronic Newsroom Operation (3) This course focuses on the content creation of electronic news, public affairs programming, and sports. It serves as a laboratory class for applications of theories and skills developed in other INF courses. Requisites: INF 140.

337 Multi-Media Reporting (3) This course focuses on the theory and practice of writing video news. As reporters for the Tiger Media Network, students will master some basics of video news writing, while also practicing news reporting for all digital platforms and sharpening their skills with on-air performance, with video recording and editing, as well as with audio recording and editing. (3 Credit Hours) In this class you will refine your journalistic skills by: Meeting class deadlines. Practicing news skills via various exercises. Producing video news stories that are also adapted for print and audio media.

340 Media Performance (3) Presents fundamentals of announcing, including microphone techniques, voice use, pronunciation, and interpretation of copy.

345 Electronic Game Theory and Practice () Study of the physical, social and psychological impacts of playing electronic games. Course provides students an opportunity to learn game play for one game title as part of the course and then to reflect upon their experience as it may pertain to the academic concepts studied in the course. Students will also learn about research relating to electronic game play in a variety of contexts which may include, gaming addiction, video game violence, physical and social

aspects of game play as well as positive and negative cognitive impacts. Game title may vary by semester.

346 Beginning Video Production (3) The student is introduced to the techniques of video production including practical application of instruction. Requisites: PR, INT 140.

348 Beginning Audio Production (3) The study of audio production and the integration of technology-based techniques for the purpose of designing, implementing, and producing effective and attractive audio presentations. Course material is targeted toward information networking and communication majors or those disciplines which utilize electronic media as communication tools.

349 Convergent Media Lab + (3) Presentation of television production and operations experience involving students in studio and remote productions through the operation of the access channels of Hays Cable Television and the Internet. (May be taken two semesters.) Requisites: INF 140, INF 240, INF 346, INF 348.

350 Sports Announcing (3) Students will learn the basic principles of sports broadcasting including play-by-play, play-by-play preparation, sports anchoring, and interviewing. Students should also gain an overview of the daily responsibilities of a sports director as well as industry expectations.

360 Programming with Python (3) This is an introductory course for programming with Python. This class introduces the basic concepts and practices of computer programming for beginners. Python is a popular and versatile programming language. Python syntax and structure is designed to be easy to learn and understand. Learning Python prepares students for various technology-related tracks including, but not limited to, Web and Mobile Development, Management Information Systems, and Networking. This class provides opportunity to learn and practice programming skills in a creative hands-on environment.

393 Internetworking III (3) This course will first review concepts covered in CCNA semesters one and two in preparation to take the CCENT certification exam. Then, the course will continue to expand on internetworking topics, specifically presenting a comprehensive overview of advanced routing, and switching concepts associated with OSPF, EIGRP, STP, and VTP for both IPv4 and IPv6 networks. Additional concepts covered include implementing DHCP and DNS operations. In this course, students continue to expand their understanding of internetworking through both theoretical discussion of and hands-on experience with networking concepts. Requisites: PR; INF 292.

394 Internetworking IV (3) In this course students will continue to build their skills and knowledge of internetworking. Introduced in this course are wide area network technologies along with many of the network services found in complex networks. Students will continue to expand their understanding of internetworking through both theoretical discussion of and hands-on experience with networking concepts. Specific topics covered include: WAN technologies, network architecture, the hierarchical network design model, virtual private networks (VPNs), broadband internet connections, as well as network monitoring operations and tools. This is the second of two courses that align with the objectives of Cisco's Interconnecting Cisco Networking Devices Part 2 (ICND2) certification examination. Collectively, the four

Internetworking courses cover the objectives for Cisco's CCNA Route and Switch certification. Requisites: PR; INF 393

405 Research Methods in Informatics (3) This course studies information gathering and how quantitative and qualitative research methods are used in the electronic media, computer networking, and telecommunications industries. Requisites: INT 300 .

420 Social Issues and Informatics (3) A sociological and cultural approach to the forces which have shaped and continue to shape information networking and telecommunications.

430 Technology Innovation and Entrepreneurial Leadership (3) This course is devoted to studying the role of leadership in information networking. The prime focus is on how to facilitate meaningful communication, develop organizational missions, and establish realistic goals and objectives using contemporary leadership theories and practices appropriate to information networking. Requisites: INT 300 or PERM.

472 Readings in Informatics + (1-3) Special study by the student in a field of particular concentration.

473 Problems in Informatics + (1-4) Special problems encountered by the student in a field of concentration.

476 Apprenticeship in Informatics + (1-6) Course is designed to provide practical experience in teaching and administration of Information Networking and telecommunications.

479 Internship in Informatics (1-6) The internship is designed to supplement classroom instruction by providing the student with the opportunity to participate in a professional environment. It is considered a final stage of undergraduate coursework in Information Networking and Telecommunications. The practical experience obtained, combined with the theoretical and application training in traditional course work, promotes the development of a well-rounded and professionally prepared individual. Requisites: PERM.

490 Capstone Seminar in Informatics (3) This is an advanced course that studies information network theory through case study, application, and on-site observation. Emphasis is placed on studying actual information networking problems encountered in organizations and communities. Field work and compilation of the student's portfolio is required as part of the course. Requisites: completion of all other INT degree core courses or its equivalent with PERM.

Undergraduate/Graduate Credit

601 Advanced Programming with Python () In this project-based class, students who are already familiar with Python, will learn more advanced Python programming and techniques. Students will learn how to utilize both native and third-party Python libraries, robust development tools, and current frameworks to develop efficient solutions to challenges often found in the computing field.

603 Big Data Analytics (3) Analysis and design of large integrated databases; design alternatives; logical and physical

representation of data; storage and retrieval mechanisms and languages; survey of existing systems; roles of the database manager and analyst.

604 Data Analytics I () This is an introductory course into the world of Data Analytics. Data Analytics I, as a course, is the combination of technology-based data manipulation, traditional statistical analysis, and information communication to transform datasets into and share databased solutions. Students will be exposed to common data analytics procedures and processes. Students will also be introduced to R Programming, Excel Analytics Solver, and Tableau (advanced visualization/dashboarding software).

605 Principles of Computer Security and Forensics (3) This course addresses the rapidly emerging area of computer security and forensics. Topics covered will include security concepts, cryptography, public key infrastructure, standards and protocols, impact of physical and network security, infrastructure security, wireless and instant messaging, intrusion detection, risk, change, and privilege management and computer forensics dealing with security and law. The course includes the learning requirements for certifications in the Com TIA Security Plus, the (ISC) 2 SSCP, and NSTISSC 4011 Examinations.

610 Public Policy, Law, and Ethics in Telecommunications (3) This course addresses the regulation of computers networks, the telecommunications industries, and media distributors. Included is a consideration of the following: how regulation affects these industries and how developments in these industries affect public policy and society; how public policy is designated; and the moral and ethical obligations of these industries. Requisites: PR, INF 140, ENG 102, or PERM.

621 News Editing (3) Intensive study and application of copy editing, headline writing, page layout, and general editing principles. Requisites: PR, INF 240.

622 Feature Writing (3) Study in skills and practices in writing feature articles for newspapers and magazines. Requisites: PERM.

624 Media Continuity Writing (3) Develop creativity in writing continuity for radio, television and the Web with emphasis on commercial and promotional writing. Requisites: PR, INT 140 or PERM.

625 Advanced Digital Journalism (3) This course provides theoretical and applied study of digital journalism. It includes experience in gathering and writing news for broadcast on campus radio station, campus television, and streaming Internet distribution. Requisites: PR, INF 240, INF 346, ENG 101.

626 Law and Ethics in Journalism and Media (3) Study of the legal and ethical issues facing today's journalist, advertising specialist and/or public relations practitioner. Topics of study include: the First Amendment, libel, invasion of privacy, freedom of information laws, shield laws, fair trial/free press issues, obscenity, issues involving high school and college publications, copyright, and advertising law. PR, INF 240.

628 Media Law and Contemporary Society () The study of the legal aspects of media and how it affects the industry as it relates to what is seen and heard, its widespread influence on the

formation of contemporary media, and its role in a dynamic social structure.

629 Media Management and Sales (3) Presents the problems, theories, legal responsibilities, and economics of electronic media management and sales. Requisites: PR, INF 140.

633 Advanced Video Production (3) Emphasis is placed on the development and production of video presentations to perfect various video production techniques. Requisites: PR, INT 346.

634 Graphics and Effects for Video and Film (3) This is a course focusing on advanced visual techniques in video post-production. Students will develop mastery of graphic design for video and film and advanced operation of digital post production equipment. Students will understand the theory behind and have the opportunity to develop skills in post-production techniques for the television, post production, and film industries. Requisites: PR, INF 346 and INF 633.

636 Computer Editing of Video (3) This course introduces digital non-linear editing and includes both the history and theory of the subject and the practicalities of running a modern computer-based editing system. An intense course offering students a working knowledge of the subject, a digitally edited project for their resume (reel or portfolio), and abilities that are an invaluable part of their skill set. Requisites: PR, INF 346; co-requisite, INF 633, or PERM.

638 Intensive Video Production (3) Advanced study and application of electronic production techniques in the field and studio. Emphasis placed on shooting, lighting, directing, and editing of electronic news and on-location productions. Requisites: PR, INF 346.

645 Artificial Intelligence Systems and Applications (3) Elements of artificial intelligence systems design, development, and implementation, including expert systems, adaptive systems, natural-language processing, and pattern recognition as applied in information systems. Requisites: PERM.

650 Introduction to Human-Computer Interaction (3) Interactive systems design presents ideas, theories and concepts in the field of Human Computer Interaction (HCI). More specifically, the constructs of HCI are analyzed in order to develop simpler and more efficiently designed multi/hypermedia artifacts. This course is not, however, centered around the computer as a focus of development. The faculty and students will look at the computer as a tool but with special emphasis on the human senses and how these are affected by the computer. By understanding the human role in HCI, more proficient learning and presentation strategies can be instilled in the student. The basic focus is centered on the human being in a technology-influenced environment.

651 Front End Web Development I (3) This course introduces concepts and practices of web development with client-side scripting languages. Students will learn the basic syntax, structure, and methods of JavaScript and how they apply to the HTML Document Object Model (DOM). This class is designed for

students to learn and practice their programming skills in a creative and hands-on manner. At the end of this course, students will be able to develop interactive, front-end web applications. Requisites: PR, INF 250, INF 360.

652 Database Design and Programming (3) This course teaches students to analyze complex business scenarios, design and create data models and create databases using SQL. Oracle SQL Developer Data Modeler and Application Express (APEX) are utilized to provide practical, hands-on engaging activities. Leveraging project-based learning techniques, students will create and work with projects which challenge them to design, implement, and demonstrate a database solution for a business or organization.

653 Back-End Web Development I (3) This course focuses on the design and implementation of dynamic web applications and Application Programming Interfaces (APIs) using server-side programming languages and databases included in LAMPP (Linux, Apache, MySQL and PHP) stack. At the end of the course, students will be able to analyze the requirements, define the specifications, and develop complete Content Management Systems for a variety of sectors and purposes. Requisites: PR, INF 651 and INF 652.

654 Mobile Web Development (3) This course introduces concepts and practices of mobile web development that is platform independent. While building progressive web applications, students will learn to create offline-first experiences, audit an app's performance, debug asynchronous functions, and more. The skills to build and optimize progressive web applications is an important and highly demanded skill for mobile web developers. This class is designed for students to learn and practice their programming skills. Requisites: PR INF, 651, INF 652, PERM.

655 Front-End Web Development II (3) This is the advanced course for front-end web development utilizing Javascript and associated code libraries. Students will complete complex coding exercises, solve algorithms, apply problem decomposition to break large project assignments into several smaller tasks, and develop personal creative projects. This class is designed for students to learn and practice their programming skills in a creative and hands-on manner. Requisite: PR, INF 651.

656 Back-End Web Development II (3) The MongoDB, ExpressJS, AngularJS, and Node.js package, known as the "MEAN stack", offers a robust alternative to the traditional LAMP stack based on Apache, MySQL, and PHP. This course details advanced concepts and recent frameworks for server-side programming included in the MEAN stack as well as several best practices for improving the design, security, integration, and scalability of web applications. At the end of the course, as a full-stack web developer, you will be able to define and implement strategic decisions for the success of versatile web platforms. Requisites: PR, INF 656.

657 Mobile Web Development II (3) This course introduces an efficient approach to the development of native applications in the rapidly changing scenario of mobile devices. The course covers different programming environments, rapid prototyping tools, and building blocks for designing user interfaces, acquiring and processing data from device sensors (e.g., motion, localization), and interacting with web services. At the end of the course, you will be able to realize and publish native applications

for specific operating systems (e.g. Android and iOS) and for cross-platform deployment scenarios. Requisites: PR, INF 654.

658 Law of Cyberspace (3) Is an in-depth examination of key legal issues central to the Internet. This course examines Internet operational issues such as copyright and fair use of images, text, video, audio, domain name registration, trademarks, trade secrets, patents, and ISP liability. It examines regulation of the Internet and key criminal and civil rights issues such as e-mail access, pornography, and hacking. It also examines important e-commerce concepts such as digital signatures, on-line contracts, and shrink-wrap contracts. Requisites: PR, POLS 610, POLS 320 or GBUS 204, or permission from instructor.

660 Global Telecommunications Policy (3) Students will study the organization and operations of the federal communications commission and other telecommunications regulators around the world. Students will also investigate the United States Communications Act of 1934 as amended by various acts, such as the Telecommunications Act of 1996. Telecommunications regulatory models in various countries will be studied and compared. Privatization and liberalization trends will also be studied. Requisites: PR, Junior standing.

662 Modern Telephony (3) Students will study the public switched telephone network, the PSTN. Historical development of the network with introductions to telephone regulation, telephone network protocols and architecture, network design issues, traffic and queuing theory, multiplexing of voice, digital encoding of voice, xDSL systems on voice networks and expected future developments in the telephony field. Requisites: PR, INF 292

664 Wireless and Cellular Systems (3) Students will study wireless radio communications from the basics of radio wave propagation to the complexities of cellular system design. Both stationary and mobile communications are investigated. Wireless data communications protocols for local area networking, point-to-point satellite communications, and first through third generation cellular air interface standards are also studied. Requisites: PR, MATH 110, INF 250, and INF 293.

670 Workshop in Informatics + (1-3) Designed to give concentrated training in an area of Information Networking and Telecommunications.

671 Linux in Networking (3) This course is designed to give students an introduction to the Linux operating system in networking including Linux's utilities, file system, shell, KDE and GNOME.

672 Advanced Linux in Networking (3) This course is designed to give students an introduction to the advanced topics of Linux operating system in networking including shell, programming tools and system administration. Requisites: PR, INF 671.

674 Graduate Independent Studies in Informatics + (1-3) The student will conduct directed, independent work in management information systems topics not treated in depth in courses regularly offered by the department. The course will not substitute for any departmental theory course. Permission of department chair is

required before enrollment. See advisor for details. Requisites: PR, Senior standing.

676 Graduate Apprenticeship in Informatics + (1-3) The student will serve as a tutorial aide, research, etc. Permission of the department chair is required before enrollment. See advisor for details. Requisites: PR, Senior standing.

678 Seminar in Informatics + (3) Seminar courses are designed to provide in-depth study of specific subject matters in Information Networking and Telecommunications. Seminar courses will vary according to the needs of graduate students. Courses will include substantial interaction between students, and, students and faculty. Requisites: PR, As established by the instructor.

680 Network Architecture and Data Communications I (3) Students in this course will study the concepts and theories relevant to data communications for global internetworking. In the course, students will study topics that include the OSI model for internetworking, physical transmission media, electronic and electromagnetic signaling, analog and digital signaling, line coding, link layer protocols and local addressing, network layer protocols and global addressing, routing and queuing theory, LAN and WAN protocols, and Internet transmission protocols. This course is part of the 12-hour certificate in Internetworking offered by the Department of INT and it is a prerequisite to Network Architecture and Data Communications II. These two courses represent the theoretical side of the certificate program. This is a required course for department majors in the Computer Networking emphasis. The course is also part of the Justice Studies Information Networking Certificate. Requisites: PR, MATH 110.

681 Network Architecture and Data Communications II (3) Students in this course will study internetworking services that reside in the upper layers of the OSI model, and advanced concepts not included in Network Architecture and Data Communications I. Topics may include but are not limited to: Internetwork Design, Internetwork Security, Synchronous Optical Network (SONET), Internet Control Message Protocol (ICMP), Simple Network Management Protocol (SNMP), Point to Point Protocol, advanced routing protocols, and other Internetworking services. Requisites: PR, INF 680, INF 291.

683 Projects in Journalism () (Total of 6 hrs. may be accumulated.) Specialized independent study in areas of student's choice. Topics available with approval of adviser and instructor.

684 Foundations of Information Systems Security (3) This course is intended as an introduction of the many facets of information security. It approaches information security from a holistic perspective and emphasizes that security encompasses more than just hardware and software. The course provides an introduction to the technological tools used to protect information including software, hardware, and network tools. It also addresses protocols, processes, human systems, security management practices, and other non-technological elements. This course introduces the upper division/graduate sequence in information assurance.

685 Fundamentals of Network Security (3) This is a course focusing on security concepts as they relate to internetworks, including: security policy design and management, security technologies and solutions, firewalls, hands-on implementation

using firewalls, Authentication-Authorization-Accounting (AAA), and secure VPNs. Requisites: PR, INF 292

686 Network Security Firewalls (3) This course focuses on network security concepts as they relate to the edge protection of an internetwork. Material covered will include: protocol-based security technologies, hardware-based firewall security appliances and their use with Authentication-Authorization-Accounting (AAA), and intrusion detection. Additionally, hardware-based security appliance Virtual Private Network configuration and implementation as well as firewall redundancy, maintenance and management will be covered. Requisites: PR, INF 292

695 Advanced Routing (3) Students will study the theory and application of advanced routing protocols for internetworking. This course explores the operation of Border Gateway Protocol (BGP), Enhanced Interior Gateway Routing Protocol (EIGRP) and Open Shortest Path First (OSPF). Network scalability issues and solutions, security and management issues related to advanced routing topics will also be studied. This is one of the four course series that prepares a student for the Cisco Certified Network Professional (CCNP) certification. Requisites: PR, INF 393, INF 394 or PERM.

696 Securing Converged WANs (3) Students will advance their knowledge and skills necessary to secure and expand the reach of an enterprise network to teleworkers and remote sites with focus on securing remote access networks and virtual private networks. Topics will include the hierarchical network model for remote access networks, teleworkers configuration and secure access, frame mode MPLS, site-to-site IPSEC VPNs, Automated VPN service considerations, and strategies used to mitigate network attacks relating to remote access networks, device hardening and firewall features supporting remote access networks. This is one of the four courses that prepare a student for the CISCO Certified Network Professional (CCNP) certification. Requisites: PR, INF 393 and INF 394.

697 Advanced LAN Switching (3) Students will expand their knowledge and will master skills in the design, operation and management of large scalable and reliable local area networks based on multilayer switching. This course includes the study and application of multilayer switching, hierarchical LAN switching design, fast Ethernet and gigabit Ethernet standards, study and configuration of LAN switch operating systems, and advanced VLAN operations. The course also explores ether channel, hot standby routing protocol, multicasting protocols, and security in the LAN. This is one course of the four course series that prepares a student for the CISCO Certified Network Professional (CCNP) certification. Requisites: PR, INF 393 AND INF 394.

Graduate Credit

802 Proseminar in Informatics (3) This course introduces the disciplinary areas in informatics: cyber security, information assurance management, networking, web design, management information systems, enterprise management, and media studies. This course requires enrolled students to read assigned articles and be prepared to write paper reviews to each article during each

week. Paper reviews assignments are assigned to help students reflect on the assigned readings as well as provide students an opportunity to improve upon written communication skills. This course also requires students to participate and encourages them to give a speech in workshops to help students learn the latest research information in informatics. Requisites: Basic computer literacy, MIS 101 or equivalent, or PERM.

826 Graduate Internship in Informatics (1-6) The internship is designed to supplement classroom instruction by providing the student with the opportunity to participate in a professional environment. It is considered the final stage of coursework in Information Networking and Telecommunications and may serve as the culminating experience for INT/MLS graduate students. Requisites: PERM.

850 Advanced Topics in Human-Computer Interaction (0) The course will explore advanced topics in human-computer interaction (HCI). By understanding the human role in HCI, informed decisions can be made regarding the selection and implementation of tools and technologies as part of a digital learning strategy. The evolution of design rules, current methodologies for assessing usability, and design-related challenges digital leaders will face are examined.

851 Trends and Issues in Cybersecurity (0) This course is offered through the Advanced Education Programs department, which is nationally accredited by CAEP. Fort Hays State University is accredited by the Higher Learning Commission. This course is designed to task students with analyzing the current cybersecurity trends and practices encountered by Cybersecurity Analysts and Professionals in the field. Students will design a business impact report based on their findings and develop a contingency plan for a business/organization/institution.

872 Graduate Readings in Informatics (1-3) This course provides an opportunity for special study by the student in the student's field of particular concentration for interest. Readings are arranged with and supervised by a supervising faculty member. Prerequisites: PERM.

876 Professional Topics in Informatics + (1-3) This course is designed to provide applied and theoretical knowledge in information networking technology application, instruction, or administration. Courses subtitles reflect specific topics. Sample uses of this course would be: INT 876 Professional Topics in INT/Web and Video Use of Macromedia Flash or INT 876 Professional Topics in INT/Configuration of Optical Networks. Requisites: PR, Senior or graduate standing. Special requirements may be established.

880 Management of Information Security (3) This course is designed to give students an introduction to management of information security. It covers 6 Ps: Planning, Policy, Programs, Protection, People and Project management. This course examines the skills to identify and prioritize information assets and threats to information assets. The course will also examine the techniques to define an information security strategy and architecture, and to plan for and respond to intruders in an information system. Course work will include the study of legal and public relations implications of security and privacy issues. Additional discussion will be given to a disaster recovery plan for recovery of information assets after an incident.

885 Information Risk Management (3) This course provides an in-depth study of the technology solutions required to sustain Risk Management and Disaster Recovery operations in an enterprise networking infrastructure environment. This course will examine risk assessment methodologies to identify risks and the processes involved in choosing to avoid, transfer, mitigate or accept those risks. The course will also examine the techniques and technologies to maximize the likelihood of continued business operations of IT systems in the case of a disruption or a major disaster. Course work will include the study of Risk and Business Impact Assessment (BIA), disaster response and recovery strategies, and business continuity planning and recovery plan development. Additional discussions will be given to the surveying of appropriate and current technologies and techniques. Requisites: CR, INT 880 or PERM.

890 Graduate Research Methods in Informatics (3) This course introduces graduate students to a range of research tools. It is an immersion course designed to support students in developing graduate research projects. Requisites: INT684 or INT880 or PERM.

891-897 Capstone Courses (3) This is a culminating course for students seeking a graduate degree from the Department of Informatics. It is applicable for all master programs within the Department of Informatics. This course consists of a structured seminar aimed at allowing students to reflect upon experiences gained during the Cyber Security, Information Assurance Management, Computer Networking and Telecommunications, Web Development, or other concentrations area in Informatics, and synthesize that knowledge and experience in the form of a Capstone project. Students are required to complete a significant project and research paper writer at the master's degree level. The student will work very closely with his/her advisor/professor on the project. This project has a tight schedule and must be approved by the reviewing committee for the student to successfully pass this course.

Management Information Systems Undergraduate Credit

200 Elements of Statistics () Distributions, measures of central tendency and dispersion, sampling methods, hypothesis testing, interval estimation, correlation, and regression. Emphasis is placed on effective use of computer technology for analysis, interpretation, and presentation of various types of data.

201 Business Software Development I (3) An introductory course designed to introduce students to the complexities of business software development. Solving logical, business-related problems and applying programming techniques are the main objectives of the course.

203 Topics in Computer Information Systems () Course will provide in-depth study of a particular topic in the study of computer information systems. Course title and topic of student will be displayed in the class schedule.

215 Professional and Ethical Standards in MIS (3) This course is a study of various business information systems initiatives and how information technology supports those initiatives. The premise for this approach is that business information systems initiatives should drive information technology. Social, legal, and ethical awareness in the study of information technology will be emphasized. Issues such as privacy, ownership, crime, responsibility, and risk are covered while concomitantly reinforcing information systems technical concepts. Requisites: PR, MIS 101.

300 Business Process Analysis (3) This course includes an introduction to the basic concepts of a process and identification of the various process types and As-Is models. The course covers the process of analyzing the As-Is model using Six Sigma concepts to identifying process improvement areas toward creating To-Be models. Process modeling best practices and hands-on exercises which apply quality control and improvement are included. At the end of the course, students will be able to identify processes, analyze and suggest process improvements to run an organization effectively. Requisite: PR, INF 393 and INF 394.

301 Business Software Development (3) This course introduces students to a complex programming environment and object creation/modification. Students will learn how to apply information solutions in common business scenarios using a standardized, high-demand programming environment.

MIS Prefix Courses Undergraduate/Graduate Credit

602 Information Systems Design and Development (3) This course provides a detailed analysis of the System Development Life Cycle (SDLC). Emphasis is placed on the tools and techniques that a project leader and systems analyst would use to analyze, design and document an information system. The course will also emphasize the importance of various skills, which the systems analyst should possess including: communication, problem solving and project management. Requisites: PR, INF 101, PERM.

610 Culminating Project or Experience in MIS (3) Development of a significant computer application in a realistic setting using modern tools and methods. Requisites: PR, MIS 602.

620 Information Center Functions () Information-based support systems and information system requirements: the information center function and dissemination of information processing methods.

625 Business Intelligence Technology (3) This course provides an introduction to Business Intelligence, including the processes, methodologies, infrastructure, and current practices used to transform business data into useful information and support business decision-making. Business Intelligence requires foundation knowledge in data storage and retrieval, thus this course will review logical data models for both database management systems and data warehouses. Students will learn to extract and manipulate data from these systems and assess security-related issues. Data mining, visualization, and statistical analysis along with reporting options such as management dashboards and balanced scorecards

will be covered. Technologies utilized in the course include SAP Business Warehouse, SAP Business Objects, Crystal Reports, and RapidMiner.

640 Advanced Management Information Systems (3)

Information systems and interfaces for high-level users in advanced organizations, including design, selection, and implementation of systems; control and managerial issues related to decision-support and expert systems. Requisites: MIS 304.

650 Networks and Data Communications () Local and wide-area network systems, including hardware, software, and systems-design considerations; configuration management and control.

672 Readings in Management Information Systems + (1-3)

Purpose of the course is to provide an opportunity for in-depth reading and study of the field of management information systems. This course will not substitute for any departmental theory course. Permission of department chair is required before enrollment. See advisor for details. Requisites: PR, Senior or graduate standing and PERM.

673 Problems in Management Information Systems + (1-3)

The student will work directed problems related to management information systems. This course will not substitute for any departmental theory course. Permission of department chair is required before enrollment. See advisor for details. Requisites: PR, senior or graduate standing and PERM.

675 Seminar in Management Information Systems + (1-3)

The purpose of the seminar is to bring together a small group of students for intensive study and discussion of management information systems topics. The course will not substitute for any departmental theory course.

677 Internship + (1-6) The student will perform meaningful, professionally related work. A job in the student's major must be obtained in advance and be approved by the advisor and the department chair prior to enrollment. See advisor for details. Requisites: PR, Senior or graduate standing and PERM.

682 Advanced Office Systems () Interaction of manual and computerized components; word and text processing systems; interaction of data communications and other forms of communication; specialized managerial considerations.

+Course may be repeated

#Lab required

PERM:

Permission PR:

Pre-requisite

Department of Management

Today's dynamic business world requires leaders who know how to handle rapid change, make decisions that drive solutions, and lead people. The Department of Management offers on-campus and online undergraduate programs in business management that teach you how to inspire teams and help organizations reach their full potential.

The leadership skills you'll learn are transferable to any career, whether you're an entrepreneur eager to launch your start up, want to be the CEO of a huge company, or want to provide leadership to other sectors like government or education.

Department of Management Faculty & Staff

See department page online for full listing

Bachelor of Business Administration: Management (Entrepreneurship)

Bachelor of Business Administration in Management Concentration in Entrepreneurship

Entrepreneurship is a versatile field that allows creativity to become a reality. Students have a chance to acquire the professional skills and tools that are needed to be successful in an ever changing marketplace. Careers in entrepreneurship will improve different aspects in the economy, such as creating jobs and allowing new ideas to improve the corporate world all over the world.

Program Summary ([PDF](#))

General Education Credits	34
Business Core	27
Major Core	18
HRM Concentration	18
General Free Electives	23
Total	120

Business Core - 27 Hours

- ACCT 203 Principles of Accounting I (3 Credit Hours)
- ACCT 204 Principles of Accounting II (3 Credit Hours)
- GBUS 204 Business Law (3 Credit Hours)
- MGT 301 Management Principles (3 Credit Hours)
- MKT 301 Marketing Principles (3 Credit Hours)
- FIN 305 Managerial Finance (3 Credit Hours)
- BCOM 301 Business Communication (3 Credit Hours)
- MGT 602 Production and Operations Management (3 Credit Hours)
- MGT 650 Business Policy (3 Credit Hours)

Management Core - 18 Hours

- MGT 101 Introduction to Business
- MGT 410 Organizational Behavior & Development (3 Credit Hours)
- MGT 411 Applied Management Skills (3 Credit Hours)
- MGT 475 Business, Society & Ethics (3 Credit Hours)
- MGT 611 Human Resource Management (3 Credit Hours)
- INF 304 Management Information Systems (3 Credit Hours)

Entrepreneurship Core - 18 Hours

- ENTR 301 Introduction to Entrepreneurship (3 Credit Hours)
- ENTR 350 Opportunity Development and Creativity (3 Credit Hours)
- ENTR 401 Opportunity Evaluation (3 Credit Hours)
- ENTR 605 New Venture Creation (3 Credit Hours)

6 Credit Hours (2 courses) elective must be taken from:

- MKT 673 Topics in Marketing: New Venture Marketing (3 Credit Hours)
- GBUS 673/FIN 663 Problems in Finance: New Venture Finance (3 Credit Hours)
- INT 678 Seminar in Informatics: Media Entrepreneurship (3 Credit Hours)
- SOC 365 Social Entrepreneurship and Grassroots Social Action (3 Credit Hours)
- INF 430 Technology Innovation and Entrepreneurial Leadership (3 Credit Hours)
- ART 243 Graphic Design (3 Credit Hours)
- And others, with advisor consultation

Bachelor of Business Administration: Management

Management is a multi-faceted career that allows for you to work in many different businesses, or even start your own! Managers are important because they are the leaders in a company, they help the company run at peak efficiency, and they make sure their employees needs are met.

Possible Careers: Logistics Manager, Management Analyst, Independent Business Owner, Vice President, Operations Manager

The information below only highlights the course requirements for the BBA core, the Management major core, and Management electives. Please refer to the FHSU course catalog for a complete description of degree requirements for the BBA in Management. Other required General Education classes include ECON 201 and ECON 202 (Micro-Economics and Macro-Economics), MATH 110 (College Algebra), MATH 250 (Intro to Statistics), and either MATH 331 or MATH 234 (Calculus).

Program Summary (PDF)	
General Education Credits	34
Business Core	27
Major Core	18
MGT Electives	18
General Free Electives	23
Total	120

Please see your advisor for complete program requirements.

Business Core - 27 Hours

- ACCT 203 Principles of Accounting I (3 Credit Hours)
- ACCT 204 Principles of Accounting II (3 Credit Hours)
- GBUS 204 Business Law (3 Credit Hours)
- MGT 301 Management Principles (3 Credit Hours)
- MKT 301 Marketing Principles (3 Credit Hours)
- FIN 305 Managerial Finance (3 Credit Hours)
- BCOM 301 Business Communication (3 Credit Hours)
- MGT 602 Production and Operations Management (3 Credit Hours)
- MGT 650 Business Policy (3 Credit Hours)

Major Core - 18 Hours

- MGT 101 Introduction to Business (3 Credit Hours)
- MGT 410 Organizational Behavior & Development (3 Credit Hours)
- MGT 411 Applied Management Skills (3 Credit Hours)
- MGT 475 Business, Society & Ethics (3 Credit Hours)
- MGT 611 Human Resource Management (3 Credit Hours)
- INF 304 Management Information Systems (3 Credit Hours)

Management Electives - 18 Hours

- MGT 600 Lean Systems (3 Credit Hours)
- MGT 601 Project/Program Management (3 Credit Hours)
- MGT 603 Supply Chain Management (3 Credit Hours)
- MGT 606 International Business (3 Credit Hours)
- MGT 608 Total Quality Management (3 Credit Hours)
- MGT 612 Recruitment, Selection, & Retention (3 Credit Hours)
- MGT 613 Total Compensation (3 Credit Hours)
- MGT 614 Training and Development (3 Credit Hours)
- MGT 615 Labor Relations & Collective Bargaining (3 Credit Hours)
- MGT 616 Global Human Resources (3 Credit Hours)
- ENTR 301 Introduction to Entrepreneurship (3 Credit Hours)

- ENTR 350 Problems in Business: Opportunity Recognition (3 Credit Hours)
- ENTR 401 Problems in Business: Opportunity Evaluation (3 Credit Hours)
- ENTR 605 Entrepreneurship (3 Credit Hours)
- THM 620 Tourism & Hospitality Management (3 Credit Hours)
- THM 621 Tourism & Hospitality Marketing (3 Credit Hours)
- THM 622 Service Operations (3 Credit Hours)
- THM 623 Meetings, Conventions, & Events Management (3 Credit Hours)
- THM 624 Hotel & Resort Management (3 Credit Hours)
- GBUS 601 Employment Law (3 Credit Hours)
- BCOM 210 Introduction to Professional Development (3 Credit Hours)
- MKT 302 Strategic Selling (3 Credit Hours)
- MKT 403 Retail Management (3 Credit Hours)
- MKT 603 Customer Service & Relationship Management (3 Credit Hours)
- LDRS 300 Introduction to Leadership Concepts (3 Credit Hours)
- LDRS 302 Introduction to Leadership Behavior (3 Credit Hours)
- LDRS 310 Field Work in Leadership Studies (3 Credit Hours)

Bachelor of Business Administration: Management (Human Resource Management)

Human Resource Management is one of the fastest growing careers in the world today. Human resource professionals are not only the employee champions but also act as administrative experts, change agents, and strategic partners. HR professionals connect an organization's most important assets and people, to products and services produced through value added activities. These activities include talent management, training and development, change management, and strategic planning.

Possible Careers: Recruiters, Training and Development Managers, Human Resource Generalist, Human Resource Manager, Compensation and Benefits Specialist, Senior Project Manager.

Program Summary [\(PDF\)](#)

General Education Credits	34
Business Core	27
Major Core	18
HRM Concentration	18
General Free Electives	23
Total	120

Please see your advisor for complete program requirements.

Business Core - 27 Hours

- ACCT 203 Principles of Accounting I (3 Credit Hours)
- ACCT 204 Principles of Accounting II (3 Credit Hours)
- GBUS 204 Business Law (3 Credit Hours)
- MGT 301 Management Principles (3 Credit Hours)
- MKT 301 Marketing Principles (3 Credit Hours)
- FIN 305 Managerial Finance (3 Credit Hours)
- BCOM 301 Business Communication (3 Credit Hours)
- MGT 602 Production and Operations Management (3 Credit Hours)
- MGT 650 Business Policy (3 Credit Hours)

Management Core - 18 Hours

- MGT 101 Introduction to Business
- MGT 410 Organizational Behavior & Development (3 Credit Hours)
- MGT 411 Applied Management Skills (3 Credit Hours)

- MGT 475 Business, Society & Ethics (3 Credit Hours)
- MGT 611 Human Resource Management (3 Credit Hours)
- INF 304 Management Information Systems (3 Credit Hours)

Human Resource Management Concentration - 18 Hours

- MGT 612 Recruitment, Selection, & Retention (3 Credit Hours)
- MGT 613 Total Compensation (3 Credit Hours)
- MGT 614 Training and Development (3 Credit Hours)

9 Credit Hours (3 courses) electives must be taken from:

- MGT 615 Labor Relations & Collective Bargaining
- GBUS 601 Employment Law (3 Credit Hours)
- COMM 606 Conflict Management Through Communications (3 Credit Hours)
- LDRS 306 Leadership and Team Dynamics (3 Credit Hours)
- BCOM 210 Introduction to Professional Development (3 Credit Hours)
- GBUS 677 Internship

Bachelor of Business Administration: Management (Operations Management)

Operations managers blend their qualitative "people skills" and quantitative business skills to efficiently and effectively create services and products to meet the needs of customers. They connect their organizations to global suppliers and customers across ever more complex value chains. Operations managers translate organizational strategies into appropriate operations tactics, to deliver value to customers through high-quality, low-cost, responsive, and flexible solutions. Key skills include tools and knowledge about quality management, lean systems, change management, project management, and supply-chain management,

Program Summary ([PDF](#))

General Education	34
Business Core	27
Major Core	18
HRM Concentration	18
General Free Electives	23
Total	120

Please see your advisor for complete program requirements.

Business Core - 27 Hours

- ACCT 203 Principles of Accounting I (3 Credit Hours)
- ACCT 204 Principles of Accounting II (3 Credit Hours)
- GBUS 204 Business Law (3 Credit Hours)
- MGT 301 Management Principles (3 Credit Hours)
- MKT 301 Marketing Principles (3 Credit Hours)
- FIN 305 Managerial Finance (3 Credit Hours)
- BCOM 301 Business Communication (3 Credit Hours)
- MGT 602 Production and Operations Management (3 Credit Hours)
- MGT 650 Business Policy (3 Credit Hours)

Management Core - 18 Hours

- MGT 101 Introduction to Business
- MGT 410 Organizational Behavior & Development (3 Credit Hours)
- MGT 411 Applied Management Skills (3 Credit Hours)
- MGT 475 Business, Society & Ethics (3 Credit Hours)
- MGT 611 Human Resource Management (3 Credit Hours)

- INF 304 Management Information Systems (3 Credit Hours)

Operations Management Concentration (18 Hours)

- MGT 600 Lean Systems (3 Credit Hours)
- MIS 601 Project Management (3 Credit Hours)
- MGT 603 Supply Chain Management (3 Credit Hours)
- MGT 608 Total Quality Management (3 Credit Hours)
- Ops Mgmt. elective w/advisor consultation (3 Credit Hours)
- Ops Mgmt. elective w/advisor consultation (3 Credit Hours)

6 Credit Hours electives could be taken from:

- MGT 310 - Operations Research
- MGT 614 - Training & Development
- MGT 615 - Labor Relations & Collective Bargaining
- ECON 601 - Quantitative Methods
- MIS 300 - Business Process Analysis
- MIS 330 - Business Intelligence
- And others, with advisor consultation

Master of Professional Studies: Information Systems

All courses are available through FHSU Online. Please consult with the department regarding course availability in specific semesters to assemble a program of study.

HR CORE (9 hours)

- MGT 612 Recruitment, Selection, and Retention
- MGT 613 Total Compensation
- MGT 614 Training and Development

INFORMATICS CORE (9 hours)

- INF 604 - Data Analytics I
- INF 802 - Pro Seminar in Informatics
- INF 810 - HRIS

ELECTIVES (6 Credit Hours)

- INF 680 - Network Architecture and Data Communication I
- INF 684 - Pro-seminar on Informatics
- INF 880 - Management of INT Security
- INF 603 - Big Data Analytics
- MIS 640 - Advanced Management Information Systems
- MIS 602 - Information Systems Design and Development
- INF 872 - Readings in Informatics
- INF 678 - Virtualized Infrastructure
- INF 678 - Topics in Informatics (topic offerings vary)

CULMINATING COURSES (6 Credit Hours)

- MGT 805 Human Resource Strategy
- MGT 894 - Culminating Experience in HRM

Master of Professional Studies: Human Resource Management

All courses are available through FHSU Online. Please consult with the department regarding course availability in specific semesters in order to assemble a program of study.

CORE (9 Credit Hours)

- MGT 611 Human Resource Management (3 Credit Hours)
- MGT 616 Research and Practice in Global Human Resource Management (3 Credit Hours)
- SOC 621 Advanced Sociological Research (3 Credit Hours)

MAJOR (15 Credit Hours)

- MGT 615 Labor Relations and Collective Bargaining (3 Credit Hours)
- MGT 612 Recruitment, Selection, and Retention (3 Credit Hours)
- MGT 613 Total Compensation (3 Credit Hours)
- MGT 614 Training and Development (3 Credit Hours)
- LDERS 650 Principles of Organizational Leadership (3 Credit Hours)

COGNATE/ELECTIVES (3 Credit Hours) Choose 1 course as listed below or by advisor approval:

- COMM 606 Conflict Management through Communication (3 Credit Hours)
- GBUS 601 Employment Law (3 Credit Hours)
- MGT 601 Project/Program Management (3 Credit Hours)
- GBUS 677 Internship in Human Resource Management (3 Credit Hours)
- BCOM 690 Professional Development (3 Credit Hours)
- MBA 831 Organizational Behavior in a Global Context (3 Credit Hours)

PROJECT (3 Credit Hours)

- MGT 894 - Culminating Experience in HRM (3 Credit Hours)

Minor in Management

Management Minor Programs

Minors require 21 credit hours and can be paired with most degree programs to fine tune your future plans. Minor programs include Business Administration, Entrepreneurship, International Business, and Management.

NOTE: Business Administration and Entrepreneurship minors are not available for business majors

Minor in Business Administration (for Non-B.B.A. Majors Only)

- ECON 201 Principles of Economics: Micro (3 Credit Hours)
AND/OR
ECON 202 Principles of Economics: Macro (3 Credit Hours)
- GBUS 204 Business Law (3 Credit Hours)
- ACCT 203 Principles of Accounting I (3 Credit Hours)
- MGT 301 Management Principles (3 Credit Hours)
- MKT 301 Marketing Principles (3 Credit Hours)
- BCOM 301 Business Communication (3 Credit Hours)
- FIN 305 Managerial Finance (3 Credit Hours)

Minor in Entrepreneurship (For Non-BBA Majors)

- ACCT 203 Principles of Accounting I (3 Credit Hours)

- GBUS 204 Business Law (3 Credit Hours)
- MGT 301 Management Principles (3 Credit Hours)
- ENTR 301 Introduction to Entrepreneurship (3 Credit Hours)
- ENTR 350 Opportunity Development and Creativity (3 Credit Hours)
- ENTR 401 Opportunity Evaluation (3 Credit Hours)
- ENTR 605 New Venture Creation (3 Credit Hours)

Minor in International Business

- MGT 606 International Business (3 Credit Hours)
- MKT 606 International Marketing (3 Credit Hours)
- FIN 645 International Finance (3 Credit Hours)
- POLS 230 Introduction to International Relations (3 Credit Hours)
- BCOM 400 Global Business Communication (3 Credit Hours)
- SOC 600 Comparative Cultures and Societies (3 Credit Hours)
- COMM 602 Intercultural Communications (3 Credit Hours)

Minor in Management

- MGT 301 Management Principles (3 Credit Hours)
- MGT 410 Organizational Behavior/Development (3 Credit Hours)
- MGT 411 Applied Management Skills (3 Credit Hours)
- MGT 475 Business, Society & Ethics (3 Credit Hours)
- MGT 602 Productions and Operations Management (3 Credit Hours)
- MGT 611 Human Resource Management (3 Credit Hours)
- INF 304 Management Information Systems (3 Credit Hours)

Certificates in Management

A Step Ahead

Explore an area of deep interest, fine tune your major and get ahead in your field with a management certificate program from Fort Hays State University. Our advanced programs require 12 credit hours of study and are composed of courses specific to an area of influence – all to help you home in on your management skills and refine your existing propensity to lead. As you continue advancing your studies, you'll continue to support your future job, career and skillset, while further developing the contributions that you'll directly utilize in your career as a manager, entrepreneur or business owner.

Management Certificates

All classes leading to a certificate must be taken for credit, and courses cannot be counted toward more than one certificate. Only non-majors are eligible for certificates (for example, a student majoring in management cannot pursue a certificate in management but would be eligible to pursue a certificate in business law). Otherwise, students can complete a certificate program regardless of their major.

Business Law

- GBUS 204 Business Law (3 Credit Hours)
- GBUS 403 Commercial Law (3 Credit Hours)
- GBUS 404 Business Organizations & Government Regulation (3 Credit Hours)
- Choose one of the following:
 - GBUS 601 Employment Law (3 Credit Hours)
 - FIN 670 Estate Planning (3 Credit Hours)
 - INF 658 Law of Cyberspace (3 Credit Hours)
 - AGRI 321 Agriculture Law & Policy (3 Credit Hours)
 - CRJ 331 Criminal Law & Procedure (3 Credit Hours)
 - SOCW 615 Top is in Social Work: Social Work & the Law (3 Credit Hours)
 - INF 610 Public Policy, Law, Ethics in Telecommunications (3 Credit Hours)
 - PHIL 401 Philosophy of Law (3 Credit Hours)

- POLS 320 Introduction to the Law (3 Credit Hours)
- POLS 620 Constitutional Law (3 Credit Hours)

Entrepreneurship

- ENTR 301 Introduction to Entrepreneurship (3 Hours)
- ENTR 350 Opportunity Development and Creativity (3 Hours)
- ENTR 401 Opportunity Evaluation (3 Hours)
- ENTR 605 New Venture Creation (3 Credit Hours)

Human Resource Management

- MGT 611 Human Resource Management (3 Credit Hours)
- MGT 612 Recruitment, Selection, and Retention (3 Credit Hours)
- MGT 613 Total Compensation (3 Credit Hours)
- MGT 614 Training and Development (3 Credit Hours)

Management

- MGT 301 Management Principles (3 Credit Hours)
- Choose three of the following:
 - - INF 304 Management Information Systems I (3 Credit Hours)
 - MGT 410 Organizational Behavior/Development (3 Credit Hours)
 - MGT 411 Applied Management Skills (3 Credit Hours)
 - MGT 475 Business, Society, Ethics (3 Credit Hours)
 - MGT 611 Human Resource Management (3 Credit Hours)

Operations Management

- MGT 301 Management Principles (3 Credit Hours)
- MGT 602 Production and Operations Management (3 Credit Hours)
- - (Non-BBA major pre-requisites include MGT 301, MATH 250 or with permission)
- Choose two of the following:
 - MGT 600 Lean Systems (3 Credit Hours)
 - MGT 601 Project/Program Management (3 Credit Hours)
 - MGT 603 Supply Chain Management (3 Credit Hours)
 - MGT 608 Total Quality Management (3 Credit Hours)

Course Listings – Management

Management — Undergraduate Credit

101 Introduction to Business (3) Survey of the field of business management, marketing, finance, data processing, and accounting; variety, nature, and interrelationship of problems of business operation.

301 Management Principles (3) Introduction to organizations; how the individual relates to the basic management functions of planning, organizing, leading, and controlling. Survey of the evolution of management theory. Requisites: PR, Junior standing and PERM.

310 Production / Operations Research (3) Development and use of operations research techniques, inventory models, linear programming, simplex method, dual solutions, transportation problems, queuing theory and Markov processes. Requisites: PR, MATH 331, MIS 101, MIS 200.

410 Organizational Behavior/Development (3) A study of individual and group behavior from a managerial perspective. Attention is focused on managerial applications of theory and research about the interaction between people and the formal organization, with emphasis on individual differences, interpersonal relations, and small group dynamics. Requisites: PR, MGT 301 or PERM.

411 Applied Management Skills (3) This course focuses on what effective managers actually "do" based on proven principles supported by research and theory. The course is designed around experiential activities centered on building managerial soft skills in the areas of personal development, interpersonal skills, group skills, and communication skills. It is designed to help students discover insights about themselves as managers, fostering the development of a self-awareness regarding their strengths and weaknesses. Students will have the opportunity to practice and apply the managerial skills throughout the course preparing them to be successful managers in a variety of work environments. Requisites: PR, MGT 301, MGT 410, or PERM.

475 Business, Society, and Ethics (3) A study of the interface between business and the social environment. Areas stressed are social responsibility, ethics, corporate strategy, public policy, government regulation, and stakeholder relations. Requisites: PR, MGT 301, MGT 410, MGT 411, MIS 304, or PERM.

Undergraduate/Graduate Credit

600 Lean Systems (3) As a foundation for Lean thought and its application in business sustainability, this course introduces foundational principles of Lean Systems including the tools and techniques associated with the identification and elimination of all forms of organizational waste. Foundational materials draw from thought leaders in operations excellence such as Ford, Toyoda, Shingo, Ohno, Womack, Shook, Liker, Goldratt, etc. This course is an extension of basic management principles, and provides increased depth of knowledge in process and systems improvement, lean principles, sustainable systems, and

improvement tools and techniques such as those associated with continuous improvement, value-stream mapping, waste identification and elimination, etc. Requisites: PR; MGT 301 or PERM.

601 Project/Program Management (3) The focus of this course is the planning, organizing, directing, and controlling of resources for a relatively short-term project objective or fixed-length program that has been established to complete specific goals and objectives, by applying tools and techniques based on the standard Project Management Body Of Knowledge. The systems approach to project management, by having functional personnel (vertical hierarchy) assigned to a specific project (horizontal structure), will be examined. Graduate students should expect to analyze and synthesize appropriate responses to complex real-world project scenarios. Requisites: PR, MGT 301 or PERM.

602 Production and Operations Management (3) The focus of this course is on solving the problems associated with the planning and control of world-class manufacturing operations. Both the solution to particular production problems and linkages among them will be examined from the standpoint of key issues, process, framework, technical considerations, and managerial considerations. Requisites: PR, MGT 301, MKT 301, BCOM 301, FIN 305, GBUS 204, or PERM.

603 Supply Chain Management (3) Supply chain management is a set of theories, approaches, tools, and techniques utilized to efficiently integrate suppliers, manufacturers, warehouses, and stores. The objectives of supply chain management are to ensure that goods and merchandise are produced and distributed at the right quantities, to the right locations, at the right time, to minimize system-wide costs while satisfying service level requirements. Supply chains associated with service industries also will be addressed. Both qualitative and quantitative approaches will be utilized to provide students with a broad overview of supply chain strategy, as well as specific tools and techniques for designing and analyzing product supply networks. Requisites: PR; MGT 602, MGT 301, MATH 250, JR standing and PERM.

604 Management of Small Business (3) Opportunities in small business ownership; principles and problems of starting a small business enterprise; development of a business plan; and management of small business. Requisites: PR, Junior standing and PERM.

606 International Business (3) A study of the major problems related to international business organization, production, finance, marketing, and coping with different economic systems. The emphasis is placed upon overseas operations of American firms through examination of the major differences between foreign and domestic environments and the impact of these differences on managing the international business corporation. Requisites: PR, MGT 301, or PERM.

607 Management Consulting (3) A cooperative program with the Small Business Administration in which students

apply theories learned in all business majors to actual small business problems. Requisites: PR, senior. Senior standing assumes the following courses have been taken: ACCT 203, ACCT 204, ECFI 201, ECFI 202, MKT 301, MGT 301, GBUS 204, ECFI 305, and MIS 101.

608 Total Quality Management (3) A study of Total Quality Management (TQM) concepts and methods developed by W. Edwards Deming, Joseph Juran, Philip Crosby, and others. Continuous quality improvement, total quality control, problem solving, statistical process control, and competitive advantage are the foci. Requisites: PR,, MATH 250, MGT 301, and PERM.

611 Human Resource Management (3) Management theory and practice as applied to the personnel field including an understanding of the recruitment, selection, testing, and development functions; an examination of current laws, learning, and training devices; and a preview of organization and government constraints relative to personnel problems and methods of problem resolution. Graduate students will complete all the course requirements and, in addition, are required to prepare additional materials throughout the course to integrate information. Requisites: PR, MGT 301, Junior standing and PERM.

612 Recruitment, Selection, and Retention (3) This course focuses on the study and application of basic human resource management practices included in the staffing processes. Specific areas covered in the course include staffing models, the labor market and unions, employment law, job analysis and planning, job descriptions and specifications, recruitment, the selection process, testing, employment interviews, and the evaluation of the selection process. Graduate students will complete all the course requirements and, in addition, are required to prepare additional materials throughout the course to integrate information recently published in this field. Requisites: PR, MGT 611.

613 Total Compensation (3) This course examines the development and administration of a compensation system. It focuses on the goals of the organization in its efforts to attract, maintain and motivate human resources. The major objectives are: to examine the current state of compensation decision making pertaining to entry position rates, job analysis, job evaluation systems, wage and salary surveys, merit pay plans, employee benefit systems and executive pay. Graduate students will complete all the course requirements and, in addition, complete an argument paper in support or against a timely total compensation topic. Requisites: PR, MGT 611.

614 Training and Development (3) This course examines the functions of training and development as applied in both large and small business environments. The role of training and development in the current business environment is considered with regard to learning theory, learning objectives, instructional methods, and needs assessment. Focus will be placed on evaluation of training effectiveness and emerging concepts in workplace education. Graduate

students will complete all the course requirements and, in addition, complete an argument paper in support or against a timely training and development topic. Requisites: PR, MGT 611.

615 Labor Relations and Collective Bargaining (3) Focuses on the development, legal environment, and current problems of labor relations. Historical evolution of the labor movement, applicable laws of labor relations, collective bargaining processes, and dispute resolution are addressed. Course addresses employee performance appraisal issues and international comparative labor relations. Requisites: PR, MGT 611, Junior standing and PERM.

616 Research and Practice in Global Human Resources (3) The course educates students on research and best practices in global human resource management. Specific topics include globalization, international strategic human resource practices, ventures, structure, workforce planning and staffing, compensation, performance management, the labor market and unions, employment law, and cross-culture practices and global management. Graduate students will complete all course requirements and, in addition, are required to prepare additional materials throughout the course to integrate information recently published in this field. Requisites: PR, MGT 611 or PERM.

617 Quality Management Applications and Implementation (3) This course explores the wide range of quality management methodologies available to managers, with focus on the strategic role of quality in the organization and strategic issues involved in the management of quality. A broad coverage of how and why quality management programs are implemented in organizations is provided. Methodologies studied may include but are not limited to Six Sigma, ISO 9000, and the Malcolm Baldrige National Quality Award. Requisites: PR, MGT 608 or PERM.

650 Business Policy (3) This is a capstone course for all undergraduate BBA majors, to be taken immediately preceding graduation. It is a study of policy-making and development of corporate strategy from a general manager's point of view. This course integrates and builds upon the work completed in the entire BBA core curriculum. Requisites: PR; MGT 301, MKT 301, BCOM 301, FIN 305, GBUS 204, MATH 331, MGT 602, or PERM.

Graduate Credit

706 International Business (0) A study of the major problems relating to international business organization, production, finance, marketing, and coping with different economic systems. The emphasis is placed upon overseas operations of American firms through examination of the major differences between foreign and domestic environments and the impact of these differences on managing the international business corporation.

707 Management Consulting (0) A cooperative program with the small business administration in which students apply theories learned in all business majors to actual small business problems.

708 Total Quality Management () A study of total quality management (Tqm) concepts and methods developed by W. Edwards Deming, Joseph Juran, Philip Crosby and others. Continuous quality improvement, total quality control, problem solving, statistical process control, and competitive advantage are the foci.

820 Concepts of Management () A survey course addressing the key elements of management theory and practice. Specific areas included in the course are managerial planning concepts, organization structure and design theory, coordination mechanisms of management, leadership paradigms, and behavioral management considerations.

822 Operations Management () Advanced managerial aspects of production and operations management, including design and administration of production systems for both goods and services. Supporting quantitative techniques, including optimization, queuing theory, and project management systems are covered as needed.

894 Culminating Experience in Human Resource Management () As the final course for completion of the Masters of Liberal Studies (MLS) or Masters of Professional Studies (MPS) in Human Resource Management at Fort Hays State University, students will complete significant original work that demonstrates their abilities to apply accumulated knowledge acquired throughout the HRM Masters program.

Entrepreneurship — Undergraduate Credit

301 Discovering Entrepreneurship (3) This is a foundational course that introduces entrepreneurship broadly as both a mindset and a process. The entrepreneurial mindset "...is one in which opportunities are pursued regardless of resources currently controlled." The modern process of entrepreneurship is defined as recognizing, evaluating and exploiting such opportunities. Entrepreneurship is a manageable process that can be taught and applied in virtually any organizational context. Various approaches to entrepreneurship are discussed including application to the contexts of both for-profit and not-for-profit organizations, and approaches to one's life and career. This course is a prerequisite for all subsequent courses in entrepreneurship.

350 Concept to Creation (3) The primary goals of this course are to explain 1) how business opportunities arise out of problem-solving; 2) how to generate and refine a desirable, feasible, viable and sustainable product/service idea; and 3) how to develop a minimum viable product (MVP) or an earliest testable product (ETP) from that idea. This requires conducting experiential (i.e., hands-on) activities. You will learn various tools and concepts related to purposeful, imaginative, innovative, and creative entrepreneurship and design thinking. These are then applied to generate pursuit-worthy business ideas that are then converted into your own product or idea via prototyping. The course uses a "learn by doing" approach that focuses more on action (experience) than on theory (textbook).

401 Entrepreneurship by Design (3) Emphasis is placed on generation, evaluation, and refinement of ideas. This is accomplished via both quantitative and qualitative feasibility analysis, as filtered through a design thinking approach. Students learn to create and evaluate business models as a means of assessing and differentiating between an idea, an idea that is an opportunity, and an opportunity that has potential as a commercially viable new venture. Focus is placed on contexts and conditions favoring successful business model implementation.

411 Dialogues with Doers () Offered as a combination of face-to-face / virtual dialogues with practicing intrapreneurs, entrepreneurs or individuals with aligned skills and experience such as intellectual property or angel investing.

421 Innovation & Design Thinking () Human-Centered Innovation & Design integrates theory, methods, and tools from the fields of creativity, innovation, design thinking, sustainability, and entrepreneurship to generate solutions that balance and are sensitive to business-oriented measures of success, societal benefit, and ecological neutrality or restoration. Solutions typically take the forms of new products, services or enterprises but might include such artefacts as new policies or practices. Human-Centered Innovation & Design requires empathy for those being designed for, prototype creation, and sharing solutions with the target market and affected parties. The course is highly experiential with participants constructing and using a designer's toolbox that is composed of creativity and innovation techniques and materials. Content is delivered as a blend of traditional lecture and experiential workshop that leans heavily toward practice. Prerequisites: prior or concurrent enrollment in ENTR 301 is encouraged, but not required. All disciplines are welcome. Participants will learn and apply a broad array of tools, methods and strategies useful in HCID.

Undergraduate/Graduate Credit

605 Venture Launch (3) This is the capstone course for all undergraduate Entrepreneurship students, to be taken after completing ENTR 301 and ENTR 350. Students develop a business plan or launch a new venture. This course integrates and builds upon the work completed in the ENTR (core) curriculum.

611 Venture Acquisition () Venture Acquisition addresses the experience of many entrepreneurs: most startups either fail or never reach sustainable size. Venture Acquisition presents an enterprise acquisition approach aimed at skipping the startup phase and generating profit immediately. Detailed in the course is a means to acquire a sustainable, profitable company that can then be grown. Participants completing this course will have learned how to: Acquire (buy) an existing company rather than launching a startup
Leverage ownership as a path to financial independence
Invest less time raising capital
Identify skilled brokers to aid acquisition

Uncover the best opportunities and biggest risks of any company one might acquire
Navigate the acquisition process
Become a successful acquisition entrepreneur.

612 IP for Entrepreneurship & Design () Intellectual Property for Entrepreneurship & Design Thinking is open to undergraduate and graduate students. The class is designed to introduce basic concepts of intellectual property, including its role in innovation, invention, and business.
Course Goals and Learning Outcomes: Upon course completion you will be able to answer:
What is the difference between a patent, trademark, copyright, and trade secret?
What are intellectual property rights?
How does an individual or company obtain intellectual property protection?
What are the business and commercial values and uses of intellectual property?

613 EPI2C Entrepreneurial Passport () This course requires travel to domestic or international areas where there are concentrations of successful practicing entrepreneurs and intrapreneurs. Participants will be able to interact with these individuals at their Gemba (the places where the work is actually done), in competitive landscapes that differ significantly from ones commonly found in the Midwest United States. Examples of such landscape include Silicon Valley, the Napa Valley, Denmark, and the Czech Republic. In participating, students will develop a broader view of entrepreneurship and will cultivate a broader professional network.

621 Venture Harvest () Venture Harvest explores the process associated with creating and executing a comprehensive and integrated venture exit plan. Special attention is paid to preparing a venture prior to harvest in order to maximize shareholders' return on investment. After completing this course, students will be able to:
Understand the importance of Harvest Planning for successful businesses.

Explain the top three Harvest strategies, how to implement each and how to choose the most appropriate strategy
Identify the factors to consider when choosing and creating a Harvest Plan
Categorize the key elements of a successful Harvest Plan
Demonstrate how to value assets and evaluate ownership interests
Discuss the strategy and action items associated with preparing a venture prior to sale
Discuss the elements of a succession plan in terms of roles, responsibility, function, scope, and evaluation

622 Digital Product Development () Digital Product Design is open to undergraduate and graduate students. The class is designed to introduce students to the process of web development using no-code tools and other digital resources in the pursuit of entrepreneurial venture ideas.
Course Goals and Learning Outcomes: Upon course-completion students will be able to:

Understand the role of UI (user-interface) and UX (user-experience) in the creation, evaluation, and success of digital products.
Identify problems that may be resolved using digital products (e.g., websites, mobile applications, collaboration platforms).
Acquire skills in understanding and fulfilling user-needs by developing and executing a value-proposition specific to a digital offering.
Create a landing page (webpage) using no-code tools to test the market opportunity for an entrepreneurial idea.
Build an interactive and responsive website to execute an entrepreneurial idea using a no-code website builder

623 Entrepreneurial Systems & Design () Entrepreneurial Systems and Design Thinking (ESDT) integrates theory, methods, and tools from the fields of creativity, innovation, design thinking, sustainability, and entrepreneurship. SDTM provides means of viewing and designing systems broadly and through multiple lenses to see overall structures, patterns and cycles in systems, rather than seeing events and processes within the system in isolation. This facilitates broad system optimization that yields performance superior to that which results from separate optimization of the system's interrelated processes. Examples of systems in this context include products, services, and enterprises, so that, for example, organizational design can be approached through methods presented in this course. Systems thinking is facilitated by viewing systems through multiple perspectives and through use of creative and organizational tools. Within this broad context, students are expected to design and prototype a system (product, service, enterprise, policies, practices) that is informed by and sensitive to business-oriented measures of success, societal benefit, and ecological neutrality or restoration.
The course is highly experiential. Content is delivered as a blend of traditional lecture and experience-driven activities and balances theory and practice. Prerequisites: prior or concurrent enrollment in ENTR 301 is encouraged, but not required. Participants will learn and apply a broad array of tools, methods and strategies useful in ESDT.

624 Faulkner Challenge () The Faulkner Entrepreneurship & Design Challenge (FEDC) is an integrated and immersive entrepreneurship & design experience. High-level entrepreneurship and design challenges are competitions that aim to create ways to leverage opportunities or create better solutions to important societal or environmental problems. More generally, such challenges articulate opportunities to be leveraged or problems for which solutions are sought and help define a scope that is neither too narrow nor too broad. The Faulkner Entrepreneurship & Design Challenge provides a fertile environment in which innovators and designers create or design products, applications, services, or launchable enterprises with high potential for meaningful social or environmental impact. This is done within a competitive entrepreneurial framework.
Submission of a well-thought-out and articulated business plan is a formal challenge requirement. Entries should address relevant principles and goals from the United Nations Global Compact 10 Principles and the 17 United Nations Sustainable Development Goals (UN SDGs).

College of Education

For updated information, see our website at www.fhsu.edu/coe/ **Introduction**

If you think nothing could be more rewarding than teaching young people the knowledge and skills they need to become productive members of society, look no further.

Education and technology go hand-in-hand at Fort Hays State University. Through the College of Education, students become leaders in classrooms, schools, communities, and industries.

Working with local, state, regional, and national agencies, the College of Education prepares students for fulfilling careers as educators with the tools to teach effectively. Preparation is based on technical skills, knowledge acquired through liberal arts and sciences, professional education courses, and clinical experiences. Through these experiences, teachers and other school personnel are prepared to ensure excellence in teaching while actively investing in their own professional development.

Mission Statement

The mission of the College of Education is “Education professionals prepared at Fort Hays State University will have the technological, pedagogical and content knowledge, skills and dispositions to lead, model, teach and collaborate in diverse settings.”

Vision Statement

The vision of the education unit at Fort Hays State University is: "to prepare professionals for schools, business, and industry in a global society."

Department of Advanced Education Programs

Find Innovative Programs, Designed for the Working Professional

Designed with your needs for flexibility, convenience, and educational quality in mind, the Department of Advanced Education Programs (AEP) prepare you with innovative solutions to meet the challenges in your chosen field of study. Although you can participate in class from anywhere around the world, you will quickly become a part of a community of learners.

Department of Advanced Education Programs Faculty & Staff

See department page online for full listing

Education Specialist: Advanced Professional Studies

The Education Specialist in Advanced Professional Studies degree and concentrations are advanced graduate degrees designed to provide the graduate student a definite and integrated professional program of study beyond the master's degree in educational administration. The degree requires advanced study between the master's degree and the doctorate degree both in time and depth with objectives identifiable and distinct from each of these. Program planning and the supervision of the research project (field study) is the responsibility of the designated advisor with the counsel of the student's graduate committee.

This degree program offers an opportunity for specialization to individuals preparing for positions that demand a higher level of study than the master's degree. It provides advanced preparation and additional training required of district leadership, central administrative staff, and related administrative personnel. It enables the student on the basis of past experience and growth in a professional area to extend, reinforce, and reorganize knowledge, techniques, and skills.

Admission to the Specialist in Education Degree Program

- Meet FHSU Graduate School Requirements
- Have a Master's degree
- Have Building Leadership (Principal) endorsement
- Achieved a minimum 3.25 cumulative GPA in graduate coursework.

Application Process

Please complete an application online and submit the additional materials listed on the Graduate School Website. When applying for this degree program on the Graduate School application, look for this title on the application, Specialist in Education: Education Administration.

Submit the following documents with your application:

- A brief statement of professional goals related to the completion of Education Specialist (Ed.S.) degree including how achievement of the Ed.S. will assist you in achieving your goals.
- Two letters of reference from supervisors and/or professional peers who are familiar with your work and can assess your potential ability and skills to pursue a doctoral level degree.
- A resume or curriculum vita of education and professional experiences.
- A copy of your building level license
- Official transcripts for all college work completed, documenting conferral of a graduate degree.

Note: A completed application includes evidence of a master's degree and a building-level (principal) endorsement/license.

A committee will review your file and forward a recommendation of approval or denial to the Dean of the Graduate School. Applicants who do not register within one academic year after admission may be required to reapply for admission.

Master of Science: Counseling

PROGRAM PLAN OF STUDY/REQUIRED COURSES

Clinical Mental Health Counseling

Courses Required Before Practicum	
Course	Hours
COUN 803 Research and Eval in Counseling	3
COUN 827 Counseling Skills Development	3
COUN 829 Lifespan Human Development	3
COUN 831 Foundations of Counseling	3
COUN 832 Lifestyle and Career Development	3
COUN 834 Appraisal in Counseling	3
COUN 835 Theories of Counseling	3
COUN 838 Group Counseling: Theories and Procedures (COUN 827 is a prerequisite)	3
COUN 840 Social and Cultural Foundations of Counseling	3
COUN 847 Professional and Ethical Issues in Counseling	3
Courses not required before Practicum	
COUN 848 Psychopathology and Diagnosis	3
COUN 849 The Clinical Mental Health Profession	3
COUN 851 Marriage and Family Counseling	3
COUN 852 Addictions Counseling	3
COUN 853 Childhood and Adolescent Counseling	3
COUN 854 Advanced Counseling Skills Development (Prerequisites: COUN 827 & 831) OR COUN 855 Advanced Group Counseling (Prerequisites: COUN 827, 831, & 838)	3
COUN 856 Trauma and Crisis Intervention & Recovery	3
Allow three semesters to complete your 3 hours of practicum and 6 hours of internship. Comprehensive Exams must be taken before COUN 893: https://www.fhsu.edu/academic/gradschl/comps/	
COUN 877 Practicum: Clinical Mental Health Counseling	3 100 Hours of On-Site Experience (50 Direct & 50 Indirect)
COUN 893 Internship: Clinical Mental Health Counseling	3 300 Hours of On-Site Experience (150 Direct & 150 Indirect)
COUN 894 Internship II: Clinical Mental Health Counseling	3 300 Hours of On-Site Experience (150 Direct & 150 Indirect)
TOTAL HOURS	60

The following classes have an on-campus component: COUN 827, COUN 838, COUN 851, COUN 852, COUN 853, COUN 854, COUN 855. The following classes have a video conferencing requirement: COUN 847, COUN 877, COUN 893, COUN 894.

School Counseling

Courses Required Before Practicum	
Course	Hours
COUN 803 Research and Eval in Counseling	3
COUN 827 Counseling Skills Development	3
COUN 829 Lifespan Human Development	3
COUN 831 Foundations of Counseling	3
COUN 832 Lifestyle and Career Development	3
COUN 834 Appraisal in Counseling	3
COUN 835 Theories of Counseling	3
COUN 836 Management of Counseling Programs	3

COUN 838 Group Counseling: Theories and Procedures (COUN 827 is a prerequisite)	3
COUN 840 Social and Cultural Foundations of Counseling	3
COUN 847 Professional and Ethical Issues in Counseling	3
Courses not required before Practicum	
COUN 844 The School Counseling Profession	3
COUN 848 Psychopathology and Diagnosis	3
COUN 852 Addictions Counseling	3
COUN 853 Childhood and Adolescent Counseling	3
COUN 854 Advanced Counseling Skills Development	3
COUN 856 Trauma and Crisis Intervention & Recovery	3
Allow three semesters to complete your 3 hours of practicum and 6 hours of internship. Comprehensive Exams must be taken before COUN 895 & COUN 896: https://www.fhsu.edu/academic/gradschl/comps/	
COUN 878 Practicum in Elementary OR COUN 879 Practicum in Secondary School Counseling – You will choose a different student population for Internship	3 100 Hours of On-Site Experience (50 Direct & 50 Indirect)
COUN 895 & COUN 896 Counseling Internship – School Counseling	6 600 Hours of On-Site Experience (300 Direct & 300 Indirect)
TOTAL HOURS	60

Parallel Pathways (students who do not hold a teaching license or a Bachelors in Education & plan to practice in Kansas)

ALTC 804

ALTC 805

OR

70 Hour Teaching Experience (AEP 873- 2 Credit Hours)

62 OR 66 Hours

Master of Science: Education Administration

Building Principal M.S. in Educational Administration and Endorsement Programs

This program offers a tremendous amount of flexibility as classes can be taken in 4, 8, or 16 week semesters.

CREDIT HOURS	COURSES	FALL	SPRING	SUMMER
3*	AEP 803 Educational Research	(Aug-Dec)	(Jan-Mar) or (Mar-May)	(June-July)
3*	EDL 850 School Law	(Aug-Oct) or (Oct-Dec)	(Jan-Mar) or (Mar-May)	(June) or (July)

3*	EDL 851 Supervision & Evaluation of Personnel	(Aug-Dec) (Oct-Dec)	(Jan-Mar) or (Mar-May)	(June) or (July)
3*	EDL 852 Introduction to Building Administration	(Aug-Oct) or (Oct-Dec)	(Dec-Jan Intersession); (Jan-Mar) or (Mar-May)	(June) or (July)
3*	EDL 853 Special Education for Building Administrators	(Aug-Oct) or (Oct-Dec)	(Jan-Mar) or (Mar-May)	(June) or (July)
3*	EDL 854 Building Finance	(Aug-Oct) or (Oct-Dec)	(Jan-Mar) or (Mar-May)	(June) or (July)
3	AEP 855 Educational Leadership	(Aug-Oct) or (Oct-Dec)	(Jan-Mar) or (Mar-May)	(June) or (July)
3*	EDL 856 School & Community Relations	(Aug-Oct) or (Oct-Dec)	(Dec-Jan Intersession); (Jan-Mar) or (Mar-May)	(June) or (July)
3	AEP 858 Data Analysis and Assessment	(Aug-Oct) or (Oct-Dec)	(Jan-Mar) or (Mar-May)	(June) or (July)
3	AEP 880 Cultural Diversity	(Aug-Oct) or (Oct-Dec)	(Jan-Mar) or (Mar-May)	(June-July)
3	EDL 959 Advanced Curriculum Development and Evaluation	(Aug-Oct) or (Oct-Dec)	(Jan-Mar) or (Mar-May)	(June-July)
3	AEP 879 Practicum (To be taken last)	(Aug-Dec)	(Jan-May)	(June-July)

Endorsement in District Leadership (Superintendent) Course Requirements (Revised 8/6/20)

- EDL 901 District Technology Operations and Management (3 credit hours)
- EDL 951 District Administration (3 credit hours)
- EDL 952 District Administration Trends and Practices (3 credit hours)
- EDL 954 District Finance (3 credit hours)
- EDL 955 District Facilities (3 credit hours)
- EDL 979 Practicum in Education III: District Leader (3 credit hours)

Total Credit Hours: 18

Master of Science: Instructional Technology

M.S. in Instructional Technology Program at a Glance

The core courses for the Master of Science in Instructional Technology degree program are offered through various departments at FHSU. Your advisor will help keep you updated about changes not reflected in the course schedule.

This program offers a tremendous amount of flexibility as classes can be taken in 4, 8, or 16-week semesters. There is no particular order to take these classes; however, it is suggested not to take EDL 850 School Law and AEP 803 Educational Research at the same time. In addition, MIT 885 Practicum is to be taken last and alone as the program comprehensive exam is tied to this class.

Course	Credit Hours	Fall	Spring	Summer**
AEP 800 Innovative Technology Integration	3	Aug-Dec (or) Oct-Dec, Dec-Jan	Jan-Mar (or) Mar-May	June, July, (or) June-July
AEP 803 Educational Research	3	Aug-Dec (or)	Jan-May (or)	June-July
		Aug-Oct (or)	Jan-Mar (or)	
		Oct-Dec	Mar-May	

MIT 805 Instructional Technology Theory and Practice	3	Aug-Oct (or) Oct-Dec	Dec-Jan (Intersession still counts as a spring course) Jan-Mar (or) Mar-May	June (or) July
MIT 806 Sem/Ed II: Developing Web-based Instruction	3	Aug-Oct (or) Oct-Dec	Jan-May (or) Mar-May	July
MIT 812 Multimedia Applications	3	Aug-Oct	Dec-Jan (Intersession still counts as a spring course) Jan-Mar (or) Mar-May	June
MIT 822 Hypermedia/Hypertext Applications	3	Aug-Oct (or) Oct-Dec	Jan-Mar (or) Mar-May	June-July
EDL 850 School Law	3	Aug-Oct (or) Oct-Dec	Jan-Mar (or) Mar-May	June (or) July
AEP 855 Educational Leadership	3	Aug-Oct (or) Oct-Dec	Dec-Jan (Intersession still count as a spring course) Jan-Mar (or) Mar-May	June (or) July
AEP 867 Design and Assessment	3	Aug-Oct (or) Oct-Dec	Jan-Mar (or) Mar-May	June (or) July
AEP 880 Cultural Diversity	3	Aug-Dec (or) Aug-Oct (or) Oct-Dec	Jan-May (or) Jan-Mar (or) Mar-May	June-July (or) June (or) July
(Elective) MIT 813 Message Design	3	Aug-Dec	Jan-May	June-July
OR				
(Elective) MIT 814 Google in Education	3	Aug-Dec	Jan-May	June-July
OR				
(Elective) AEP 866 Fostering Engagement in Today's Learners	3		Mar-May	June-July
MIT 885 Instructional Technology Practicum (last course)				

Master of Science: MIC Coaching Program

MIC Coaching Program-at-a-Glance (Fall 2022)

AEP 803 Core	Educational Research: This course is a study of the nature and complexities of the educational research process. Identification and completion of any approved educational project is a course requirement. Students will be provided opportunities to acquire greater awareness, familiarity, and knowledge of the most basic concepts and principles of improving schools through research designs. Both the traditional content and electronic resources of research are emphasized. The student will study how to identify, delineate, operationalize, and write a research proposal.	3 CH
AEP 855 Core	Educational Leadership: This course is designed to assist prospective educational leaders in developing fundamental knowledge and application of educational organization leadership by examining leadership in a variety of settings and methodologies. Candidates are exposed to a wide range of activities that include theory and practical application.	3 CH
MIT 806 Core	Developing Instruction: This course presents an overall picture of distance education, an understanding of technologies used in online learning, and skills to develop web-based instruction.	3 CH
MIT 807 Core	Designing Digital Learning Tools: This is an online professional education course designed for candidates in the Master's Program for the Department of Advanced Education Programs (AEP). Candidates will investigate, design, peer review, and field test research-based instructional units.	3 CH
MIT 805	Instructional Technology Theory & Practice: This course covers current topics such as instructional change, student and teacher roles, student engagement, and providing examples that balance theory with practice.	3 CH
MIC 811	Introduction to Instructional Coaching: This is an online professional education course designed for candidates in the Master's Program for the Department of Advanced Education Programs (AEP). Candidates will investigate, design, peer review, and field test research-based instructional units. The role of the instructional coach will be explored.	3 CH
EDL 850	School Law: This course is designed to assist prospective educational leaders in developing fundamental knowledge and application of school law. Topics discussed include a broad range of current and historical legal issues including federal and state laws and regulations; school board policies; teacher and student rights; supreme court cases affecting varied aspects of public school operations, social media, cyberbullying, and other liability exposures.	3 CH
MIT 812	MultiMedia Applications: This course presents an introduction to multimedia technologies and applications. The course is designed to allow students with no previous experience as well as those with experience to extend their competencies in the use of visual and audio-visual computer materials.	3 CH
MIT 813	Instructional Message Design: Instructional Message Design presents an overview of educational and corporate instructional message design methodologies and skills. The course is designed to allow students with no previous message design skills and create innovative instructional materials.	3 CH

MIT 814	Google in Education: This course is designed to strengthen your knowledge and skill ability as a leader in innovative utilization and integration of Google in Education. At the completion of this course, you will be able to explain the differences between Google Apps for Education and other commercially available software products. You will also be able to demonstrate and train others on how to use Google products to enhance or improve teaching and learning. In addition, you will be exposed to materials that will help prepare you to take the Google Certified Educator Level 1 exam so that you can help other educators and schools integrate Google tools by providing direct training and other services.	3 CH
MIC 816	Managing the Coaching Process: This is an online professional education course designed for candidates in the Master's Program for the Department of Advanced Education Programs (AEP). Candidates will investigate, design, peer review, and field test research-based instructional units. Emphasis will be placed on understanding the Instructional Coach Role and Process.	3 CH
MIT 885	Instructional Technology Practicum: Comprehensive tools, student-led training, presentations, and materials are developed within a professional electronic portfolio to illustrate the student's knowledge, skills, and ability.	3 CH
		36 CH

Master of Science: Instructional Design

Program-at-a-Glance (Fall 2022)

AEP 803 Core	Educational Research: This course is a study of the nature and complexities of the educational research process. Identification and completion of any approved educational project is a course requirement. Students will be provided opportunities to acquire greater awareness, familiarity, and knowledge of the most basic concepts and principles of improving schools through research designs. Both the traditional content and electronic resources of research are emphasized. The student will study how to identify, delineate, operationalize, and write a research proposal.	3 CH
AEP 855 Core	Educational Leadership: This course is designed to assist prospective educational leaders in developing fundamental knowledge and application of educational organization leadership by examining leadership in a variety of settings and methodologies. Candidates are exposed to a wide range of activities that include theory and practical application.	3 CH
MIT 806 Core	Developing Instruction: This course presents an overall picture of distance education, an understanding of technologies used in online learning, and skills to develop web-based instruction.	3 CH
MIT 807 Core	Designing Digital Learning Tools: This is an online professional education course designed for candidates in the Master's Program for the Department of Advanced Education Programs (AEP). Candidates will investigate, design, peer review, and field test research-based instructional units.	3 CH

MIT 804	Introduction to Instructional Design: This is an online professional education course. Candidates will investigate, design, peer review, and field test research-based instructional design projects. Focus will be placed on best practices of ID in the field.	3 CH
MID 808	Teaching Adult Learners: This course will explore effective strategies using Adult Learning Theory, also known as Andragogy. The following topics will be investigated: how adults learn, change, and best practices in andragogy.	3 CH
MID 809	Communication and Collaboration in a Global Society: This is an online professional education course designed for candidates in the Master's Program for the Department of Advanced Education Programs (AEP). Candidates will investigate, design, peer review, and field test research-based instructional units. Communication and collaboration form the backbone of a global society. In this course students will explore a wide range of technologies supporting these activities. We will practice with both synchronous and asynchronous communication tools, while exploring issues related to social media, regulatory concerns, and ethics.	3 CH
MID 810	Managing the Instructional Design Process: This is an online professional education course designed for candidates in the Master's Program for the Department of Advanced Education Programs (AEP). Candidates will investigate, design, peer review, and field test research-based instructional units. Emphasis will be on project management and relationship building with key stakeholders in the ID process.	
MIT 812	MultiMedia Applications: This course presents an introduction to multimedia technologies and applications. The course is designed to allow students with no previous experience as well as those with experience to extend their competencies in the use of visual and audio-visual computer materials.	3 CH
MIT 813	Instructional Message Design: Instructional Message Design presents an overview of educational and corporate instructional message design methodologies and skills. The course is designed to allow students with no previous experience as well as those with experience to learn basic message design skills and create innovative instructional materials.	3 CH
MIT 814	Google in Education: This course is designed to strengthen your knowledge and skill ability as a leader in innovative utilization and integration of Google in Education. At the completion of this course, you will be able to explain the differences between Google Apps for Education and other commercially available software products. You will also be able to demonstrate and train others on how to use Google products to enhance or improve teaching and learning. In addition, you will be exposed to materials that will help prepare you to take the Google Certified Educator Level 1 exam so that you can help other educators and schools integrate Google tools by providing direct training and other services.	3 CH
MIT 885	Instructional Technology Practicum: Comprehensive tools, student-led training, presentations, and materials are developed within a professional electronic portfolio to illustrate the student's knowledge, skills, and ability.	3 CH

36 CH

Master of Science in Education

Business Emphasis

To earn a Master of Science in Education with an emphasis in Business, the student must complete a minimum of 15 hours of graduate level education courses and a minimum of 18 hours of combined graduate level business content and business education courses as described below.

Prospective students seeking admission into the MSE in Business should submit all application materials by the priority deadline in order to receive full consideration to the program. Applications received after the priority deadline will be evaluated on a 'first come, first served' basis until either the cohort is full or the final deadline is reached. All courses are available through FHSU Online. Please consult with the department of Applied Business Studies regarding course availability in specific semesters in order to assemble a program of study.

Education Core Courses – 15 Credit Hours [All Online]

Course Name	Credits
AEP 800 Utilization of Technology in Classrooms (Online)	3
AEP 803 Educational Research (Online)	3
AEP 858 Data Analysis and Assessment (Online)	3
AEP 867 Instructional Design and Assessment (Online)	3
AEP 880 Cultural Diversity (Online)	3

Business Emphasis Courses – 18 Credit Hours

Business Education Graduate Studies Coursework (6 to 9 Credit Hours) [Online]

- BUED 612G – Methods of Talent Development
- BUED 613 – Organization and Administration of Career and Technical Education
- BUED 615 – Selection and Organization of Subject Matter in Career and Technical Education
- BUED 812 – Teaching Office Information Systems

Advanced Elective Business Content Coursework (9-12 Credit Hours) [Online]

- BCOM 601 – Managerial Communication
- BCOM 690G – Professional Development
- BCOM 692G – Managerial Reports/Presentations
- BCOM 695G – Corporate Communication
- MGT 611G – Human Resource Management
- MGT 612G – Recruitment, Selection, and Retention

Business Education Culminating Experience – 3 Credit Hours

- BUED 820 – Principles, Problems, and Trends in Business Education

Total Requirements to Complete Program – 36 Credit Hours

Chemistry Emphasis

Program at Glance

Advanced Education Programs Core (15 Credit Hours, online):

- AEP 800 Utilization of Technology in Classrooms
- AEP 803 Educational Research
- AEP 858 Data Analysis and Assessment
- AEP 867 Instructional Design and Assessment
- AEP 880 Cultural Diversity

Chemical Education (3 credit hours, online)

- CHEM 880 Chemistry Education Research & Literature

Chemistry Graduate Studies Core Course (2 credit hours, online)

- CHEM 801 Introduction to Graduate Studies in Chemistry

Advanced Chemistry Lecture Electives (any 4 courses, 12 credit hours, online)

- CHEM 632 Physical Chemistry I
- CHEM 634 Physical Chemistry II
- CHEM 644 Organic Spectroscopic Analysis
- CHEM 646 Theories of Organic Chemistry
- CHEM 656 Instrumental Analysis
- CHEM 662 Biochemistry I
- CHEM 664 Biochemistry II
- CHEM 666 Inorganic Chemistry

Advanced Chemistry Laboratory Electives (one sequence, 4 credit hours)*

- CHEM 821 Laboratory Development Project in Chemical Education I
- CHEM 822 Laboratory Development Project in Chemical Education II

---OR---

- CHEM 823 Research Investigations in Chemistry for Teachers I
- CHEM 824 Research Investigations in Chemistry for Teachers II

*Note: The advanced laboratory courses will be taught in the summer using a hybrid delivery mode. Each 8 week summer course will contain a 2-week on-campus, face-to-face, hands-on session along with 6 weeks of online learning activities.

Mathematics Emphasis

The Master of Science in Education (MSE) with an Emphasis in Mathematics is a degree offered by the Department of Mathematics and the Department of Advanced Education. This degree is designed for a professional with a bachelor's degree in Mathematics Education who seeks to obtain the advanced training in mathematics education to teach at the college level.

To earn a Master of Science in Education with an emphasis in Mathematics, the student must complete a minimum of 15 hours of graduate level education courses and a minimum of 18 hours of combined graduate level mathematics content and mathematics pedagogy courses as described below.

Education Core Courses

- AEP 800 Utilization of Technology - 3 credit hours
- AEP 803 Educational Research - 3 credit hours
- AEP 858 Data Analysis & Assessment - 3 credit hours
- AEP 867 Instructional Design & Assessment - 3 credit hours
- OR
- MATH 870 Teaching Techniques in Mathematics - 3 credit hours
- AEP 880 Cultural Diversity - 3 credit hours

Mathematics Content Courses (Choose for total of 9-12 hours)

- MATH 631 Advanced Calculus I - 4 credit hours
- MATH 645 Discrete Mathematical Models - 3 credit hours
- MATH 650 Probability and Statistics - 3 credit hours
- MATH 671 Theory of Numbers - 3 credit hours
- MATH 673 Problems - 3 credit hours
- MATH 805 Problems in the History of Mathematics - 3 credit hours
- MATH 810 Abstract Algebra - 3 credit hours
- MATH 831 Functions of a Complex Variable - 3 credit hours

Mathematics Pedagogy Courses (Choose for total of 6-9 hours)

- MATH 881 Geometry and Measurement - 3 credit hours
- MATH 882 Concepts of Algebra - 3 credit hours

MATH 883 Concepts of Calculus - 3 credit hours
 MATH 885 Concepts of Probability and Statistics - 3 credit hours

Reading Specialist emphasis

To earn the Master of Science in Education with the Reading Specialist emphasis, candidates must complete a total of 36 credit hours. In addition to the core courses listed below, you will take all the courses required for an endorsement.

Course Requirements for a Reading Specialist Endorsement

Applicants for a reading specialist endorsement must hold a currently valid professional teaching license and complete the following graduate courses, with a minimum 3.25 cumulative GPA in graduate coursework.

COURSE NUMBER	COURSE NAME	CREDIT HOURS
READ 861	Advanced Literature for Children and Young Adults	3
READ 881	Content Area Reading	3
READ 882	Contemporary Research in Language Arts	3
READ 883	Clinical Reading Diagnosis and Remediation	3
READ 884	Literacy Development	3
READ 885	The School Reading Program (practicum)	3
Total Required Credit for Endorsement		18

CORE COURSES	CREDIT HOURS
AEP 803 Educational Research	3
AEP 867 Instructional Design & Assessment	3
AEP 800 Innovative Technology Integration	3
AEP 855 Educational Leadership	3
AEP 858 Data Analysis and Assessment	3
AEP 880 Cultural Diversity	3
Total Credit Hours	18

In order to meet Kansas State Department of Education licensure guidelines, Reading Specialist candidates must have two years of recent classroom teaching experience (within six years), complete a Master's degree before applying for a conditional school specialist license, and pass the ETS Praxis II Reading Specialist Test.

English for Speakers of Other Languages

The English for Speakers of Other Languages (ESOL) program has two options: earning the endorsement only (15 credit hours), or earning the endorsement plus a Master's degree (plus 18 credit hours = 33 credit hours). Applicants for either pathway must complete the required graduate courses with a minimum 3.0 cumulative GPA. All courses are offered fully online, providing you with convenience and flexibility. Some courses are offered as "short" courses (8 weeks in the fall or spring or 4 weeks in the summer). Click on the [course descriptions](#) to learn more about the courses for this program.

*Please note that this program does not lead to licensure.

ESOL Endorsement Course Requirements

Course	Credits	Fall	Spring	Summer
AEP 880 Cultural Diversity	3	Online	Online	Online
ESOL 882 Linguistics	3	Online	Online	Online
ESOL 883 Assessment & Appraisal	3	Online	Online	
ESOL 884 Methods & Materials	3	Online	Online	Online
ESOL 885 Practicum	3	Online	Online	
Total Hours	15			

Master's Degree Course Requirements

Course	Credits	Fall	Spring	Summer
AEP 800 Innovative Technology Integration	3	Online	Online	Online
AEP 803 Educational Research	3	Online	Online	Online
AEP 855 Educational Leadership	3	Online	Online	Online
AEP 858 Data Analysis & Assessment	3	Online	Online	Online
AEP 867 Instructional Design & Assessment	3	Online	Online	Online
READ 884 Literacy Development	3		Online	Online
Total Hours	18			

Transition to Teaching Emphasis

ELED (K-6) Certification Courses (27 hours)

Semester Offered	Preliminary Semester ¹ (10 credit hours)	Cr. Hrs.	Grade
(1 st 8 weeks) F, S	TEEL 836 Advanced Literacy for Primary Grades	2	
(2 nd 8 weeks) F, S	TEEL 837 Advanced Literacy and Social Studies for Inter. Grades	2	
(1 st 8 weeks) F, S	TEEL 842 Advanced Mathematics for Primary Grades	2	
(16 weeks) F, S	TEEL 860 Advanced Classroom Management	3	
(16 weeks) F, S	TEEL 870 Workshop in Education III: Mentoring Seminar / Internship	1	
¹ Eligible for LEAP licensure through KSDE after successful completion of the preliminary semester.			
	1st Semester Teaching (9 credit hours)		
(1 st 8 weeks) F, S	READ 853 Integrating Literacy Theory into Assessment & Practice	3	
(2 nd 8 weeks) F, S	TEEL 843 Advanced Math and Science for Intermediate Grades	2	
(16 weeks) F, S	TEEL 859 Advanced Diverse & Exceptional Learners	3	
(16 weeks) F, S	TEEL 871 Institute in Education III: Mentoring Seminar II	1	
	2nd Semester Teaching (6 credit hours)	Cr. Hrs.	Grade
(1 st 8 weeks) F, S	TEEL 857 Advanced Assessment & Intervention	2	
F, S, U	TEEL 858 Advanced Educational Foundation & Psychology	3	
(16 weeks) F, S	TEEL 872 Readings in Education III: Mentoring Seminar III	1	
	3rd Semester Teaching ² (2 credit hours)		
(16 weeks) F, S	TEEL 876 Apprenticeship in Education II	1	
(16 weeks) F, S	TEEL 873 Problems in Education II: Mentoring Seminar IV	1	
² Eligible for initial license through KSDE after successful completion of the 27 hours above and licensure exams.			

The following courses, while not required for licensure, may be completed to fulfill the requirements for the MSE (Elementary Education) Degree, for a total of 36 credit hours (licensure and degree completion)

Semester Offered	MSE Courses ³	Cr. Hrs.	Grade
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F, S, U	AEP 803 Research Methods in Education	3	
F, S, U	AEP 858 Data Analysis and Assessment	3	
F, S, U	AEP 867 Instructional Design and Assessment	3	
³ Eligible for the MSE degree after successful completion of the 9 hours above and a comprehensive examination.			

JROCT Instructor Preparation Emphasis

MSE in JROTC Instructor Prep (Education Leadership) - Army

Required Courses

Course Number & Name	Credit Hours
AEP 800 Innovative Technology Integration	3
EDL 803 Action Research for Building Administrators	3
AEP 821 Educational Psychology*	3
AEP 822 Classroom Management*	3
AEP 825 Thinking Maps*	3
AEP 826 The Good Teacher*	3
AEP 827 Classroom Inclusivity in Education*	3
AEP 828 Principles and Practice of Classroom Assessment*	3
EDL 855 Ethics and Professional Norms for Building Administrators	3
EDL 880 Cultural Responsive Building Administrators	3
EDL 853 Special Education for Building Leaders	3
EDL 959 Advanced Curriculum Development	3
Total Credit Hours	36

JROTC Instructor Prep (Education Leadership) - Navy, Marines, & Air Force

Required Courses

Course Number & Name	1.	Credit Hours
AEP 800 Innovative Technology Integration	2.	3
EDL 803 Action Research for Building Administrators	3.	3
AEP 821 Educational Psychology*	4.	3
AEP 822 Classroom Management*	5.	3
AEP 823 Secondary Methods*	6.	3
AEP 824 Learning and the Brain*	7.	3
AEP 825 Thinking Maps*	8.	3
AEP 826 The Good Teacher*	9.	3
EDL 855 Ethics and Professional Norms for Building Administrators	10.	3
EDL 880 Cultural Responsive Building Administrators	11.	3
EDL 853 Special Education for Building Leaders	12.	3
EDL 959 Advanced Curriculum Development	13.	3
Total Credit Hours	14.	36

JROTC Instructor Prep (General) - Army

Required Courses

Course Number & Name	Credit Hours
AEP 800 Innovative Technology Integration	3
AEP 803 Educational Research	3
AEP 821 Educational Psychology*	3
AEP 822 Classroom Management*	3
AEP 825 Thinking Maps*	3

AEP 826 The Good Teacher*	3
AEP 827 Classroom Inclusivity in Education*	3
AEP 828 Principles and Practice of Classroom Assessment*	3
AEP 855 Educational Leadership	3
AEP 859 Curriculum Planning and Evaluation	3
AEP 880 Cultural Diversity	3
SPED 802 Theories of Exceptionalities and Diversity (or) ALTC 805 Working with Diverse and Exceptional Learners	3
Total Credit Hours	36

JROTC Instructor Prep (General) - Navy, Marines, & Air Force

Required Courses

Course Number & Name	Credit Hours
AEP 800 Innovative Technology Integration	3
AEP 803 Educational Research	3
AEP 821 Educational Psychology*	3
AEP 822 Classroom Management*	3
AEP 823 Secondary Methods*	3
AEP 824 Learning and the Brain*	3
AEP 825 Thinking Maps*	3
AEP 826 The Good Teacher*	3
AEP 855 Educational Leadership	3
AEP 859 Curriculum Planning and Evaluation	3
AEP 880 Cultural Diversity	3
SPED 802 Theories of Exceptionalities and Diversity (or) ALTC 805 Working with Diverse and Exceptional Learners	3
Total Credit Hours	36

JROTC Instructor Prep (Legacy Program)

ONLY for students who began their coursework *before* the fall 2021 semester.

Required Courses

Course Number & Name	Credit Hours
AEP 800 Innovative Technology Integration	3
AEP 803 Educational Research	3
AEP 821 Educational Psychology*	3
AEP 822 Classroom Management*	3
AEP 823 Secondary Methods*	3
AEP 824 Learning and the Brain*	3
AEP 825 Thinking Maps*	3
AEP 826 The Good Teacher*	3
AEP 855 Educational Leadership	3
AEP 859 Curriculum Planning and Evaluation	3
AEP 880 Cultural Diversity	3
SPED 802 Theories of Exceptionalities and Diversity (or) ALTC 805 Working with Diverse and Exceptional Learners	3
Total Credit Hours	36

Library Media Specialist Endorsement Program

Candidate's interested in becoming a Library Media Specialist must hold a current, valid teaching license. To become endorsed as a Library Media Specialist in Kansas, candidates must complete the 6 endorsement courses listed below (18 graduate credit hours), and either already hold a Master's degree, or complete the additional requirements listed below to earn a Master of Science in Library Media Specialist degree (additional 18 graduate credit hours for a total of 36). If a candidate does not already hold a Master's degree, then they must apply to the Graduate school as degree-seeking.

Library Media Specialist Endorsement Courses (18 graduate credit hours)

	Fall	Spring	Summer	Credit Hours
*LIBR 852: Selection of School Library Media	Online	Online		3
LIBR 853: Cataloging			Online	3
*LIBR 857: School Library Media Administration	Online	Online		3
LIBR 859: Library Media Supervised Practicum	Online	Online		3
MIT 805: Instructional Technology Theory & Practice	Online	Online	Online	3
And choose from one of the following				
AEP 866: Fostering Engagement in Today's Learners	Online	Online	Online	3
READ 861: Advanced Literature for Children & Young Adults	Online		Online	3
READ 884: Literacy Development		Online	Online	3

*Required courses to take prior to LIBR 859: Library Media Supervised Practicum

Additional Courses for the MSE in Library Media Specialist (18 graduate credit hours for a total of 36)

	Fall	Spring	Summer	Credit Hours
AEP 800: Innovative Technology Integration	Online	Online	Online	3
AEP 803: Educational Research	Online	Online	Online	3
AEP 855: Educational Leadership	Online	Online	Online	3
AEP 858: Data Analysis & Assessment	Online	Online	Online	3
AEP 867: Instructional Design & Assessment	Online	Online	Online	3
AEP 880: Cultural Diversity	Online	Online	Online	3

Elementary Education (K-6) Licensed Teachers

(Leads to K-6 licensure for candidates who hold an early childhood, middle or secondary license)

Degree Requirements (36 hours)

***ELED (K-6) Certification Courses (27 hours)**

Semester Offered	Semester 1 (9 credit hours)	Cr. Hrs.	Grade
F, S, U	TEEL 820 Research Methods in Education	3	
F, S, U	TEEL 860 Advanced Classroom Management	3	
F, S, U	TEEL 858 Advanced Educational Foundation & Psychology	3	
	Semester 2 (9 credit hours)		
(1 st 8 weeks) F, S	TEEL 836 Advanced Literacy for Elementary Grades	2	
(1 st 8 weeks) F, S	TEEL 842 Advanced Mathematics for Elementary Grades	2	
(2 nd 8 weeks) F, S	TEEL 837 Curriculum Integration in the Elementary Grades	2	
(2 nd 8 weeks) F, S	TEEL 843 Advanced Science for Elementary Grades	2	
(16 weeks) F, S	TEEL 878 Supervised Practicum 1 (minimum of 80 clock hours- placement arranged by FHSU)	1	

	Semester 3 (8 credit hours)	Cr. Hrs.	Grade
(1st 8 weeks) F, S	READ 853 Integrating Literacy Theory into Assessment & Practice	3	
(2nd 8 weeks) F, S	TEEL 857 Advanced Literacy Assessment & Intervention	2	
F, S, U	TEEL 859 Advanced Diverse & Exceptional Learners	3	
	Semester 4 (1 credit hour)	Cr. Hrs.	Grade
(4 weeks) F, S	TEEL 868 Elementary School Curriculum (Placement in a K-6 classroom, which can be the candidate's current teaching assignment, if approved.)	1	
	TEEL 873 Problems in Education II (up to 4 credit hours) Students who use financial aid will take this course to meet the minimum hour requirement. This course is not required for program or licensure completion.		
*Eligible for K-6 licensure through Kansas State Department of Education after successful completion of the 27 hours above.			

****MSE Degree Completion Courses (9 hours)**

Semester Offered	Courses	Cr. Hrs.	Grade
F, S, U	AEP 855 Educational Leadership	3	
F, S, U	AEP 858 Data Analysis and Assessment	3	
F, S, U	AEP 867 Instructional Design and Assessment	3	

*Students will be eligible for the MSE degree after successful completion of the 9 hours above and passing a comprehensive examination.

Elementary Education (K-6) Traditional Certification (Leads to K-6 licensure for candidates who do not have a teaching job in Kansas) Degree Requirements (36 hours)

***ELED (K-6) Certification Courses (27 hours)**

Semester Offered	Semester 1 (9 credit hours)	Cr. Hrs.	Grade
F, S, U	TEEL 820 Research Methods in Education	3	
F, S, U	TEEL 860 Advanced Classroom Management	3	
F, S, U	TEEL 858 Advanced Educational Foundation & Psychology	3	
	Semester 2 (9 credit hours)		
(1 st 8 weeks) F, S	TEEL 836 Advanced Literacy for Elementary Grades	2	
(1 st 8 weeks) F, S	TEEL 842 Advanced Mathematics for Elementary Grades	2	
(2 nd 8 weeks) F, S	TEEL 837 Curriculum Integration in the Elementary Grades	2	
(2 nd 8 weeks) F, S	TEEL 843 Advanced Science for Elementary Grades	2	
(16 weeks) F, S	TEEL 878 Supervised Practicum 1 (minimum of 80 clock hours—placement arranged by FHSU)	1	
	Semester 3 (8 credit hours)	Cr. Hrs.	Grade
(1 st 8 weeks) F, S	READ 853 853 Integrating Literacy Theory into Assessment & Practice	3	

(2 nd 8 weeks) F, S	TEEL 857 Advanced Literacy Assessment & Intervention	2	
F, S, U	TEEL 859 Advanced Diverse & Exceptional Learners	3	
	Before enrolling in Semester 4, students must successfully pass the ELED Praxis Exams		
	Semester 4 (1 credit hour)	Cr. Hrs.	Grade
(16 weeks) F, S	TEEL 876 Apprenticeship in Education II: Student Teaching (Placement in a K-6 classroom – this is an uncompensated, minimum of 40/hours/week requirement)	1	
F, S	TEEL 873 Problems in Education II (up to 4 credit hours) Students who use financial aid will take this course to meet the minimum hour requirement. This course is not required for program or licensure completion.		
*Eligible for K-6 licensure through Kansas State Department of Education after successful completion of the 27 hours above.			

****MSE Degree Completion Courses (9 hours)**

Semester Offered	Courses	Cr. Hrs.	Grade
F, S, U	AEP 855 Educational Leadership	3	
F, S, U	AEP 858 Data Analysis and Assessment	3	
F, S, U	AEP 867 Instructional Design and Assessment	3	

*Students will be eligible for the MSE degree after successful completion of the 9 hours above and passing a comprehensive examination.

Secondary Education –Option 1

(Leads to Secondary licensure for candidates who do not hold a teaching license)

Licensure Requirements (27 hours) MSE Degree Requirements (36 hours)

Semester Offered	MSE—Secondary Education Required Certification Courses	Cr. Hrs.
	Preliminary Semester	
F, S, U	AEP 800 Innovative Technology Integration	3
F, S, U	TEEL 860 Advanced Classroom Management	3
F, S, U	TEEL 859 Advanced Diverse & Exceptional Learners	3
	<i>Students must pass their content area Praxis before enrolling in additional classes</i>	
	Remaining Certification Courses	
F, S	TEEL 866 Instructional Models and Teaching Strategies: Secondary Pedagogy	2
F, S	TEEL 878 Field Experience III: Secondary Classroom (minimum of 80 clock hours—placement arranged by FHSU) <i>Co-requisite: TEEL 866 Secondary Pedagogy</i>	1
(Contact Dept)	600/800 Secondary Content Methods (Offered in content dept)	3
F, S, U	TEEL 858 Advanced Educational Foundation & Psychology	3
F, S, U	AEP 880 Cultural Diversity	3
F, S, U	AEP 867 Instructional Design and Assessment	3
	<i>Students must complete all coursework before enrolling in student teaching</i>	
	Professional Semester	
(16 weeks) F, S	TEEL 876 Apprenticeship in Education II: Secondary Student Teaching (Placement in the appropriate classroom—this is an uncompensated, minimum of 40 hours/week requirement)	3

F, S	TEEL 873 Problems in Education II (up to 2 credit hours) Students who use financial aid will take this course to meet the minimum hourrequirement. This course is not required for program or licensure completion.	
	TOTAL CERTIFICATION HOURS	27
*Eligible for licensure through Kansas State Department of Education after successful completion of the 27 hoursabove, along with passing the required exams.		

****MSE Degree Completion Courses (9 hours)**

Semester Offered	MSE Degree Completion Courses These courses can be completed after certification	Cr. Hrs.
F, S, U	TEEL 820 Research Methods in Education	3
F, S, U	AEP 855 Educational Leadership	3
F, S, U	AEP 858 Data Analysis and Assessment	3
	TOTAL DEGREE COMPLETION HOURS	9
	TOTAL MASTER'S DEGREE HOURS	36

**Students will be eligible for the MSE degree after successful completion of the 9 hours above and passing acomprehensive examination.

Education Specialist: Advanced Professional Studies (Business Education and Workforce Leadership)

Course	Credit Hours
BUED 872 - Intro to Business Education & Workforce Leadership	1
APS 922 - Strategic Leadership	3
LDRS 802 or 807	3
APS 921 - Scholar Practitioner	3
<i>BUED 924 - BUED Curriculum</i>	3
<i>BUED 923 - Methods</i>	3
Proposal or Capstone	6
APS 933	3
AEP 880 - Cultural Diversity	3
BUED 825 - Work-Based Learning	2

Course Listings – Advanced Education Programs

Advanced Education Programs

* All graduate level courses have a requisite of PR, GRAD.

600 Level Graduate Credit

670G Workshop in Education I + (1-3) A workshop is designed for intensive study of an educational topic or problem.

671G Institute in Education I + (1-9) The institute is designed to provide preparation for teachers and administrators in a specialized area. Pass/No Credit.

672G Readings in Education I+ (1-3) Directed professional reading according to the needs of the individual. Requisites: PERM.

673G Problems in Education I + (1-4) A critical study of selected problems relating to the educational area under consideration. Requisites: PERM.

675G Seminar in Education I + (1-4) A critical study of selected problems relating to the educational area under consideration.

676 Classroom Assessment Principles and Practices () This course takes a deeper examination on the purpose of assessment and qualifies the value of feedback and distinguishes between formative assessment and summative assessments. The features of validity, reliability, precision, practicality, and efficiency will be as they relate to assessment. The components of classroom assessment: purpose, measurement, interpretation, and use will be investigated. The implications of special education and student Individual Education Plans (IEP's) as they relate to differentiation for some students will be examined. The value and use of learning targets and effective questioning both for instruction and assessment purposes will be identified. Resources for teaching student assessment taking skills will be given.

677 The Inclusive Classroom () This course is designed to help instructors meet the goal of having an inclusive classroom. Although all students are unique, there are categories of students that require special effort and focus by the teacher to include them. Federal laws have identified and labeled specific categories of students who are to receive specific accommodations and types of instruction. There are additional categories identified at the state government level and some district levels that instructors are required to recognize and accommodate. These considerations are important for the students' educational experience, but they are also important for the teacher to comply because the requirements carry the weight of law. In addition, this course provides guidance in ways to promote an inclusive classroom atmosphere and to help students develop skills in studying and test taking.

800-900 Level Graduate Credit

800 Innovative Technology Integration (3) This course is designed to assist prospective educational leaders in developing fundamental knowledge and application of innovative, free web

based digital materials to be utilized in multiple settings. Through the tenets of andragogy, candidates are introduced to project-based learning which allows the candidate to develop customized projects integrating relevant research and best practices. These projects created can be replicated for immediate integration into the classroom or workplace.

803 Educational Research (3) A study of the nature and complexities of the educational research processes. Identification and completion of any approved educational research project is a course requirement. Requisites: PR, Admission into a Master of Science program in FHSU College of Education.

805 Driver Education—Driving Safety (3) In this foundation course in the Driver Education program, candidates will be introduced to key components of driving safety required in driver education programs. Candidates will develop their understanding of the complexity of teaching driving safety with specific focus on driving techniques, traffic laws, risk prevention, and management practices and procedures.

806 Driver Education - Instructional Methods (3) This required methodology course in the Driver Education program provides a foundation for how to engage in high quality instructional practices for developing and implementing a driver education program, and for providing instruction to students in driver education courses both face-to-face in the classroom and behind the wheel. Specific focus will be on developing curriculum and utilizing evidence-based instructional practices for teaching students safe operation of motor vehicles, adherence to traffic laws, and general rules of the road. Requisites: PR, AEP 805.

807 Driver Education - Program Practicum (3) In this required course in the Driver Education program, candidates will work with a licensed supervisor and university faculty to apply their knowledge and skills in implementing driver education curriculum with case-study students, both face-to-face in the classroom and behind the wheel. Upon successful completion of this course, candidates will be prepared to plan, implement, maintain, and assess their own driver education program. Requisites: PR, AEP 806.

811 Teachers as Professionals (3) Emphasis is placed on the social institutions, family, and community as they affect the school system and as the school system affects them.

821 Educational Psychology (3) The Educational Psychology course explains the cognitive, linguistic, personal, social, and moral development of individuals as well as individual and group differences. This lesson also describes behaviorist and social cognitive views of learning, intrinsic and extrinsic motivation, and informal and formal assessments.

822 Classroom Management (3) The Classroom Management course is to provide classroom instructors with the information needed to focus on the core principles and practices of classroom management. This course blends a humanistic, competency-based approach with an applied, research-based,

behavior management approach to provide instructors with the best current thinking on effective classroom management.

823 Secondary Methods (3) The Secondary Methods course discusses how to teach effectively in today's secondary schools. This course develops an understanding of various learning modes, learning styles, multiple intelligences, questioning techniques, and other instructional strategies to engage students and be effective in today's secondary school classroom. This course demonstrates how to use effective lesson plan design as well as various assessment techniques. This course also demonstrates strategies for on-going professional development for teachers.

824 Learning and the Brain (3) The Learning and the Brain course describes the roles, functions, processes, and physical makeup of the brain and how it can be leveraged for optimal learning. This course defines the structure of the brain, how it functions, and how to enhance student cognition and development of academic skills. The course will also provide the classroom instructor with tools to help the student understand short and long term memory, identify factors that influence students' ability to remember, and understand higher level thinking and effective problem solving. Finally, this course will also help explain how multiple intelligences and learning styles can affect curriculum development and learning.

825 Thinking Maps (3) The Thinking Maps course is designed to enable teachers at all levels to use Thinking Maps® as a common visual language for learning. These thinking process tools are the foundation for learners' continuous cognitive development, from school to work. Thinking Maps® are used for content-specific and interdisciplinary learning, thus giving schools a common set of tools for integrating teaching, learning, and assessment. Given direct training in using these maps, students have concrete tools for independently and interdependently seeking patterns in information. These unique attributes of Thinking Maps® support students becoming independent, reflective, lifelong problem solvers and learners. Students are empowered to draw on a range of different and related thinking processes, and they are motivated to persevere during complex tasks.

826 The Good Teacher () The purpose of this online asynchronous delivered two-part course is to develop new knowledge to help those witnessing sexual misconduct by colleagues to make appropriate interventions. As a character in an interactive movie participants will maneuver through the complex, emotional, and often morally ambiguous world of teaching. Students will make decisions at strategic points in the interactive movie answering thought provoking questions about seemingly insignificant yet pivotal situations teachers, administrators, and others who interact with young people face throughout the year.

827 Classroom Inclusivity in Education () This course is designed to help instructors meet the goal of having an inclusive classroom. Although all students are unique, there are categories of students that require special effort and focus by the teacher to include them. Federal laws have identified and labeled specific categories of students who are to receive specific accommodations and types of instruction. There are additional categories identified at the state government level and some district levels that instructors are required to recognize and accommodate. These considerations are important for the students' educational experience, but they are

also important for the teacher to comply with because the requirements carry the weight of law. In addition, this course provides guidance in ways to promote an inclusive classroom atmosphere and to help students develop skills in studying and test taking.

828 Principles and Practice of Classroom Assessment () This course explores the purpose of assessment and examines the value of feedback and distinguish between formative assessment and summative assessment. The features of validity, reliability, precision, practicality, and efficiency will be as they relate to assessment. The components of classroom assessment: purpose, measurement, interpretation, and use will be investigated. The implications of special education and student Individual Education Plans (IEP's) as they relate to differentiation for some students will be examined. The value and use of learning targets and effective questioning both for instruction and assessment purposes will be identified. Resources for teaching student assessment taking skills will be given.

839 Research Design (3) The student designs a research proposal which culminates in a thesis or written report.

845 Theories of Learning (3) Includes major theories of learning, related research and issues.

852 Elementary and Secondary Administration & Supervision (3) A study of the responsibilities of the elementary and the secondary school principal with an emphasis on modern administrative and supervisory techniques.

853 Educational Management () This course is designed to examine those practical issues and practices associated with this management side of principalship. A study of the management skills necessary for building-level certification.

855 Educational Leadership (3) This course is designed to explore the nature of leadership in educational organizations by examining the approaches to leadership and analyzing the various styles of leadership. Students are exposed to leadership activities, which range from theory to practical application.

857 Administration and Evaluation of School Personnel (3) Principles and practices in the administration and evaluation of teachers, pupils, and non-certified employees of a school organization.

858 Data Analysis and Assessment (3) This course will focus on data-driven decision making for effective school leadership. Students will also learn about various forms of educational assessments and how to interpret, evaluate and use assessment results for school improvement.

859 Curriculum Planning and Evaluation (PK-12) (3) An in-depth study of curriculum/Program planning, development and evaluation. This includes a study of the basic steps as well as the personnel, committees, facilities, and resources involved in curriculum studies. The development of both system-wide curricula and specific programs will be a part of this course.

866 Fostering Engagement in Today's Learners (3) This course focuses on research-based principles for engaging PK-12 learners with the aim of fostering in them a disposition of life-

long learning. Topics include: strategies for fostering intrinsic motivation, using technology to stimulate engagement, strategies for engaging the reluctant learner, and maintaining your own motivation as an educator. The course emphasis is on the practical application of strategies customized to the graduate student's own field of educational interest.

867 Instructional Design and Assessment (3) Participants will investigate research-based instructional and assessment strategies. Focus will be placed on standards-based instruction while exploring the continuum of student through teacher-centered learning. A culminating activity in the form of a portfolio project directed to levels of learning (early childhood to young adulthood) will finalize the course.

870 Workshop in Education II + (1-3) A graduate-level workshop designed for intensive study of an educational topic or problem.

871 Institute in Education II + (1-9) The institute is designed to provide preparation for teachers and administrators in a specialized area.

872 Readings in Education II + (1-3) Directed professional reading according to the needs of the individual. Requisites: PERM.

873 Problems in Education II + (1-4) Independent study of an educational problem. Requisites: PERM.

874 Independent Improvement of Teaching () Opportunities for students who have graduated to obtain additional competencies.

876 Apprenticeship in Education II () Opportunity for graduate-level students to obtain experience in instruction under the supervision of the graduate faculty.

879 Practicum in Education II + (1-8) This course is designed to relate theory to practice in a realistic fashion. The student is placed in a situation where experiences may be obtained relating directly or indirectly to the area being studied. Requisites: PERM.

880 Cultural Diversity (3) This course is intended to assist the classroom teacher to develop appropriate teaching strategies by alerting the teacher to needs of major cultures represented in school classrooms. The course will address conflicts between traditional American culture and major diverse cultures, specific teaching approaches/strategies, and techniques for fostering growth of healthy self- concepts of culturally diverse students.

890 Secondary School Curriculum () A study of the status, nature, historical development, and present content areas of secondary education including foundations, development, and trends and issues for the future secondary school curriculum.

899 Thesis (1-6) Research of a problem or situation.

931 Intermediate Statistics for Research Laboratory () Includes intermediate concepts, principles, and procedures as they apply to research. A laboratory experience is included with this course.

932 Research Designs and Analysis (3) The student designs a research proposal which culminates in a field study or written report. Requisites: PR, AEP 931 or concurrent enrollment.

972 Readings in Education III + (1-3) Directed professional reading according to the needs of the individual. Requisites: PERM.

973 Problems in Education III + (1-4) Independent study of an educational problem. Requisites: PERM.

975 Seminar in Education III + (1-4) A critical study of select- ed problems relating to the educational area under consideration.

976 Internship in Education + (1-3) Opportunity for post-graduate student to relate theory to practice in a school setting. Requisites: PERM.

979 Practicum in Education III + (1-8) This course is designed to relate theory to practice in a realistic fashion. The student is placed in a situation where experiences may be obtained relating directly or indirectly to the area being studied. Requisites: PERM.

999 Field Study + (1-6) Research of a situation or problem.

Applied Learning and Teaching Community

800 Introduction to Teaching (2) The Induction to Teaching course is the first of seven courses developed to create a complete program of study to prepare candidates of Alternative Teaching Licensure for successful professional achievement. This induction course provides an orientation into the field of education for Transition to Teaching candidates. The course uses a workshop format and meets online synchronously each week as well as asynchronously. Induction to Teaching prepares the candidates for those first days of school and builds a foundation of resources and understanding that is necessary for success in the classroom. Prerequisites: Graduate Standing and admittance to Transition to Teaching Program.

801 An Introduction to Teaching (3) This course is an online professional education course designed for on-the-job training and includes topics such as a workplace, classroom management, effective practices and trends, student motivation, teaching strategies, lesson and unit plans, assessment and grading, and portfolios.

802 Planning for Instruction (3) This course is an online professional education course. Topics include curriculum planning, differentiated instruction, incorporation of standards, instructional models, structuring the learning environment, assessment, reflective practice, and integrating technology.

803 Understanding the Foundations of Education (2) Assisting the student in understanding how our educational system was shaped by historical events, people and how schools function and are governed. It will provide the information necessary for the student to understand the interactions of school and society in creating our system of education. While knowledge gained will also reflect other standards, the general areas of study for this course include History and Philosophy of

Education, Social Foundations of Education and the Administrations and Governance of our schools.

804 Understanding the Learner (3) This course is to emphasize the critical elements of teaching that students encounter during their initial experiences in schools. Topics include human development, psychology of learning, classroom management, student motivation, adolescence, emotional influences on learning and memory, characteristic patterns and differentiated instruction, reflection practice and technology resources for teaching.

805 Working with Diverse and Exceptional Learners (3) This course is an online professional education course designed to address the following: (a) foundations (law, standards, values and belief(s)), (b) collaboration (families, professionals, and community members), (c) identifying students with exceptionalities and linguistic diversity (from pre-assessment to service delivery); (d) characteristics of exceptionality and linguistic diversity and impact on learning; (e) teaching students with exceptionalities and linguistic diversity through use of adaptations/modifications and assistive technology, and (f) assessing for and reporting progress.

806 Improving Instruction Through Reading & Writing (2) This course covers the principles and strategies used in effective instruction, including comprehension, reading, and writing skills needed to become more literate in content areas. In addition, students will receive training on how to use the 6-Trait Analytical Reading Guide for assessing writing, which is the method used to score Kansas State writing assessments.

807 Becoming a Reflective Teacher (2) This course addresses the nature of being a reflection practitioner. Primary topics included are curriculum planning, best practice, teaching approaches, methods and strategies, structuring the learning environment, assessment, reflective practice, and integrating technology.

808 Supervised Practicum (1) This course is an online professional education practicum designed to link course content with professional practice through mentoring and professional supervision and evaluation. One hour of practicum is required with each of the following courses: ALTC 802, ALTC 804, ALTC 805, and ALTC 807.

809 Supervised Practicum I (0) This course is the first of four required professional education practicums designed for teachers in the Transition to Teaching Program. Each practicum course is linked to each of the following Transition to Teaching courses: ALTC 802, 804, 805, and 807. Students in this course set, monitor and reflect on continuous improvement goals. In this course they submit those reflections as assignments for evaluation.

810 Supervised Practicum II (0) This course is the second of four required professional education practicums designed for teachers in the Transition to Teaching Program. Each practicum course is linked to each of the following Transition to Teaching courses: ALTC 802, 804, 805, and 807. Students in this course set, monitor and reflect on continuous improvement goals. In this course they submit those reflections as assignments for evaluation.

811 Supervised Practicum III (0) This course is the third of four required professional education practicums designed for teachers in

the Transition to Teaching Program. Each practicum course is linked to each of the following Transition to Teaching courses: ALTC 802, 804, 805, and 807. Students in this course set, monitor and reflect on continuous improvement goals. In this course they submit those reflections as assignments for evaluation.

812 Supervised Practicum IV (0) This course is the fourth and final course of four required professional education practicums designed for teachers in the Transition to Teaching Program. Each practicum course is linked to each of the following Transition to Teaching courses: ALTC 802, 804, 805, and 807. Students in this course set, monitor and reflect on continuous improvement goals. In this course they submit those reflections as assignments for evaluation.

Counseling

803 Research and Program Evaluation in Counseling (3) This course is a study of the nature and complexities of educational research processes. Identification and completion of any approved educational research project is a course requirement. Students will be provided opportunities to acquire greater awareness, familiarity and knowledge of the most basic concepts and principles of improving schools through research. Both the traditional content and electronic resources of counseling research are emphasized. The student will study how to identify, delineate, operationalize, write a research proposal and program evaluation.

827 Counseling Skills Development (3) Development of skills needed in counseling and consulting.

828 Counseling Skills Development II (2) A clinical experience that focuses on counseling student skill development in working with children, youth, and adults. Provides student with supervised actual experience. Prerequisites: AEP 827.

829 Lifespan Human Development (3) Overview of counseling issues relating to human growth and development through the lifespan.

830 Statistics for Research (0) Includes elementary concepts, principles and procedures.

831 Foundations of Counseling (3) Historical background, the helping relationship, ethical issues, and counseling as a profession are emphasized.

832 Lifestyle and Career Development (3) Includes the meaning of work in our society through the lifespan and the relevance of career development to counseling in a variety of settings. Career theory, assessment, information, and community resources are emphasized.

834 Appraisal in Counseling (3) Conceptual mode for appraising individuals, including methods, instruments, and interpretation.

835 Theories of Counseling (3) A study of the major theories of counseling and related issues.

836 Management of Counseling Programs (3) Principles and practices of managing a counseling program.

837 Student Development in College Counseling Settings ()

This course will be composed of student development theories relevant to student learning and personal, career, and identity development in relation to the college counseling and student affairs profession. Students will understand the principles of student development in the college setting, and how these factors impact life, education, and career choices. Resources to meet the needs of students will be explored in how they improve student learning personal growth, professional identity development, and mental health.

838 Group Counseling: Theories and Procedures (3)

Includes theories, types of groups, group leadership, group dynamics, and a group experience.

840 Social and Cultural Foundations of Counseling (3) An examination of the major categories of socio-economic change likely to affect the purposes, techniques, and settings for counseling. An ongoing inquiry into the interactions between the social, political, and economic systems. It provides a forum for developing a personal orientation to individual behavior and the form and substance of counseling.

842 Administration of College Counseling & Student Affairs (3)

The course will center on the contextual dimensions and practice of college counseling and student affairs in higher education settings. The course content will address organizational trends in higher education settings and the impact of systemic barriers on student access to education and services. Additionally, students will understand the functions and strategies to address a broad range of issues in higher education settings. Students will apply models and preventative strategies to address violence, mental health and behavioral disorders, and addictions affecting student success.

843 Family Development Programs (3) Family systems program philosophy, networking, collaboration, and partnerships are included in the development of a solution-focused model of program planning. Requisites: PR, AEP 841.

844 The School Counseling Profession (3) Study of the counseling approaches, skills, techniques, and intervention strategies relevant to the educational, social and developmental needs of children. Also appropriate for elementary school teachers seeking certification renewal and/ or enhancement of interpersonal relationship skills.

846 Multicultural Counseling () Prepares counselors with an educated sensitivity to selection of appropriate strategies in working with diverse population.

847 Professional and Ethical Issues in Counseling (3) Major ethical issues facing counselors in marital and family counseling, group work, community, and private practice counseling.

848 Psychopathology and Diagnosis (3) This course is designed to provide an opportunity for understanding the concept of recognition and categorizing dysfunctional behaviors and mental processes. Standards for categorizing purposes, uses, and ethics of categorization will be explored in a seminar/discussion format emphasizing the DSM-IV.

849 The Clinical Mental Health Counseling Profession (3)

This course aims to address a foundation of principles and history that provide a base of concepts and skills that promote students' professional identity and preparation for a career in clinical mental health counseling settings.

851 Marriage and Family Counseling (3) An examination of dysfunctional family processes and current theories of counseling. An inquiry into healthy family functioning and the role of marital instability and divorce. Opportunities are provided to develop a basic orientation and apply techniques in counseling couples and families. Requisites: PR, COUN 840.

852 Addictions Counseling () This course serves as a foundational introduction to the medical foundations of addictions in the context of clinical mental health counseling. This course will explore the nature of addiction theory and skills in counseling. The etiology of addictive behaviors will be examined in the context of human development, counseling skills, and the clinical mental health counseling profession.

853 Childhood and Adolescent Counseling () The purpose of this course is to provide students with an overview of the theories and practices of Childhood and Adolescent counseling. Students will understand the practice of childhood and adolescent counseling in the context of mental health counseling. The etiology of childhood specific disorders will be examined in the context of diverse populations, counseling skills and diagnosis.

854 Advanced Counseling Skills Development () Students will examine the nature of advanced counseling skills in the context of the mental health counseling profession. This course is designed to provide experiences in the exploration and application of individual counseling techniques. The course will present frameworks for applying and examining the counseling process. Role playing, self-exploration and structuring of the counseling relationship will be emphasized to measure student learning.

855 Advanced Group Counseling () This course serves as an advanced clinical for the application of group counseling theory and techniques in the mental health counseling profession. Through direct experiences, students will explore group counseling in regard to dynamics and advanced theories. The course will focus on the characteristics and functions of exceptional group leaders.

856 Trauma and Crisis Intervention & Recovery () This course introduces the development of skills and knowledge for crisis intervention and management in counseling, including prevention, planning, intervention strategies and evaluation. This course is created to help the student understand the foundations and rationale for counseling those impacted by trauma.

877 Practicum: Clinical Mental Health Counseling (3)

Practicum is a clinical experience that focuses on the counseling student's skill development in working with children and youth to enhance their own healthy adjustment and decision-making. Therefore, this course is designed to provide the students with actual experience in a counseling setting to provide an orientation to the variety of responsibilities of counselors and to further develop and refine their skills. Further, the intent of the course is to expose students to a variety of clients and client problems and to give them counseling experience of moderate length (4-8 sessions). In

addition, students will be given the opportunity to test their own theoretical point of view in an actual counseling setting.

878 Practicum in Education: Elementary Counseling () This course is designed to relate theory to practice in a realistic fashion. COUN 878 meets Standard 3: The professional school counselor understands and demonstrates appropriate counseling skills to address the needs of individuals throughout the stages of human development, processes knowledge of related human behavior at all developmental levels, in multicultural contexts, and the impact of the stages and behaviors on learning and family dynamics. The candidate is placed in a situation where experiences will relate directly to the area studied. Candidates demonstrate counseling related skills and evaluate their impact in multicultural contexts, human development, and familial dynamics. Candidates are evaluated by their on-site and university supervisor. Assignments include planning, scheduling, class-room guidance, observations, case conceptualizations, taped demonstrations, and reflections.

879 Practicum in Education: Secondary Counseling (3) This course is designed to relate theory to practice in a realistic fashion. COUN 879 meets Standard 3: The professional school counselor understands and demonstrates appropriate counseling skills to address the needs of individuals throughout the stages of human development, possesses knowledge of related human behavior at all developmental levels, in multicultural contexts, and the impact of the stages and behaviors on learning and family dynamics. The candidate is placed in a situation where experiences will relate directly to the area studied. Candidates demonstrate counseling related skills and evaluate their impact in multicultural contexts, human development, and familial dynamics. Candidates are evaluated by their onsite and university supervisor. Assignments include planning, scheduling, class-room guidance, observations, case conceptualizations, taped demonstrations, and reflections.

889 Counseling Internship + (1-3) This class provides the counselor with experience in a work setting appropriate to the individual's concentration. A minimum of 300 clock hours is required for each three hours of credit. Requisites: PR, completion of all other counseling coursework.

891 Counseling Portfolio () The capstone assessment activity for the program utilizing the portfolio process.

892 Counseling Research Project () Utilize empirical procedures to expand on course knowledge through exposure to the professional literature. A written project provides documentation of this learning process.

893 Internship: Clinical Mental Health Counseling () Internship is designed to provide a transition from academia to the world of practice. Students have an opportunity, under the direct supervision of an appropriately credentialed practitioner in an appropriate setting, to apply the advanced knowledge and skills they have acquired.

894 Internship II: Clinical Mental Health Counseling () Internship is designed to provide a transition from academia to the world of practice. Students have an opportunity, under the direct

supervision of an appropriately credentialed practitioner in an appropriate setting, to apply the advanced knowledge and skills they have acquired.

895 Internship: School Counseling () Internship is designed to provide a transition from academia to the world of practice. Students have an opportunity, under the direct supervision of an appropriately credentialed practitioner in an appropriate setting, to apply the knowledge advanced knowledge and skills innate to school counseling.

896 Internship II: School Counseling () Internship is designed to provide a transition from academia to the world of practice. Students have an opportunity, under the direct supervision of an appropriately credentialed practitioner in an appropriate setting, to apply the knowledge advanced knowledge and skills innate to school counseling.

900 Clinical Supervision () This course outlines the conceptual and empirical literature on clinical supervision, including models, approaches, techniques, relationship and process issues, groups, evaluation, and ethical and legal considerations. Students will develop conceptual knowledge, skills, and self-awareness related to core topics in clinical supervision while exploring curriculum areas through readings, discussions, and application via supervision skills role plays. Students will also explore cultural issues in clinical supervision and understand the process to facilitate productive outcomes between the supervisor and supervisee.

910 Advanced Counseling Practicum () The advanced practicum experience provides students the opportunity to develop and assess their counseling and consulting skills within the EdS program. The expectation is that students are licensed in their field and performing duties they will document in the experience. Students will propose a plan of activities designed to enhance their ability to conduct individual counseling, group counseling, consultation, and leadership activities with a variety of clients in diverse settings. The experience places considerable responsibility on the student to plan, implement, and evaluate their progress toward goals that are approved by the program faculty.

Digital Leadership

924 Digital Citizen (1) Digital citizenship expands beyond online safety and our digital footprint! It's about creating and leading thoughtful, empathetic digital citizens who can tackle important ethical questions as technology and humanity intersect. This course will explore, teach and assist you to model digital citizenship (digcit) and begin to assist others as responsible and active in various online settings. The course will be framed around the ISTE Standards and ISTE digcit competencies. Requisites: PR, Admission to the EdS (Digital Leadership) program.

930 Message Design for the Digital Leader (1) This course is designed to examine and explore visual and digital literacies and the relationships of visual and digital literacy theories to instruction and learning in both formal and informal contexts. Students construct texts in the non-traditional forms, such as digital video, concept mapping, and podcasting. The course critically examines alternative literacies or social contexts for learner engagement and

empowerment via digital media utilizing the ISTE and ACRL Standards.

931 Culture Shaping (1) This foundational course will explore the skills of a scholar as applied to change in culture and leading in communities of change. The course is designed to develop a broad knowledge base and skills needed for postgraduate study and re- search. By understanding the role of culture in leading in a digital world, values are better understood and social relationships strengthened.

934 Messaging and the Digital Leader () This course will explore, teach, and assist you to model digital citizenship (digit) and begin to assist others as responsible and active in various online settings. Students will examine and explore Visual and Digital Literacies and the relationships of visual and digital literacy theories to instruction and learning in both formal and informal contexts. Students construct texts in the non-traditional forms, such as digital video, concept mapping, and podcasting. The course critically examines alternative literacies or social contexts for learner engagement and empowerment via digital media utilizing the ISTE and ACRL Standards.

939 Shaping & Shifting Digital Culture () This foundational course will explore the skills of digital leaders as applied to changes in technology culture and leading in communities of change within educational organizations. By understanding the role of culture in a digital world, values are better understood, and social relationships strengthened. Students will explore and evaluate how to lead in a changing culture, influence community engagement, and model dynamic change in an organization. The course will be framed around the ISTE Standards.

942 Culture Shifting (1) This course will explore and evaluate how you can lead in a changing culture so you can influence com- munity engagement and model dynamic change in your organization. The course will be framed around the ISTE Standards and CAEP Shared Values and Beliefs. By understanding how leaders support a community of change and the people in it, educators are empowered to excel in their roles. Requisites: PR, Admission to the EdS (Digital Leadership) program.

943 Driver of Innovation: The Learner (1) This foundational course will explore the skills of the learner as applied to leadership in digital communities. The course is designed to develop a broad knowledge base and skills needed for postgraduate study and re- search. By understanding the value of innovation for the learner, the leader is equipped to inspire a culture of innovation and creativity. Requisites: PR, Admission to the EdS (Digital Leadership) program.

944 The Driver of Innovation: The Leader (1) This foundation- al course will explore the skills of the learner as applied to leader- ship in digital communities. The course is designed to develop a broad knowledge base and skills needed for postgraduate study and research. By understanding the value of innovation for the learner, the leader is equipped to inspire a culture of innovation and creativity. Requisites: PR, Admission to the EdS (Digital Leadership) program.

948 Learners & Leaders as Drivers of Innovation () This foundational course will examine the skills of the learner as applied to leadership in digital communities. Students will explore the value of innovation for the learner and the role of leaders to in equipping and inspiring a culture of innovation and creativity in an educational organization.

956 Innovative Strategy and Change Management (1) This course is designed to develop skills for leading and managing change in an educational institution. An organization's performance depends critically on its ability to implement strategic change. To be successful in the future, we need to pay attention to new organizing principles that realign how we deal with the world. This involves diagnosing a situation, developing a guiding policy, and carry out a set of coherent actions to effectively address the situation (Rumelt, 2011). Requisites: PR, Admission to the EdS (Digital Leadership) program.

957 Digital Innovation & Strategy: Coolhunting (1) Finding the 'right' new technology or process to solve organizational problems or provide ways to improve processes and practices isn't about predicting the future. "It proceeds from a deep engagement with the present." Coolhunting, in the context of educational leadership, is about evaluating essential educational processes and practices and determining how well they align with optimally desired outcomes, user behavioral patterns and technological possibilities. 'Cool' means discovering solutions that account for disruption, make the processes and practices easier and more intuitive, while simultaneously improving outcomes. Requisites: PR, Admission to the EdS (Digital Leadership) program.

958 Change Management & Coolhunting () This course is designed to develop skills for leading and managing digital change in an educational institution. Students will explore strategies for implementing digital change, finding the "right" new technology or process to solve organizational problems, and provide ways to improve processes and practices. Coolhunting in the context of digital leadership will be explored to discover solutions that account for disruption, make the processes and practices easier and more intuitive, while simultaneously improving outcomes.

964 Digital Data & Closing the Loop () The purpose of this course is to advance student awareness and understanding of the rich data generated in our organizations and to develop skills to visualize and communicate data to support the implementation, adoption, and successful utilization of processes that will positively impact those organizations. Emphasis is placed on "closing the loop" and developing skills needed for organizational change including building cooperation, collaboration, and teamwork essential for smooth adoption and ultimate success.

967 Leadership in Digital Data (1) Finding the 'right' new technology or process to solve organizational problems is not a "one and done" process. To communicate the impact of changes and even why changes need to be made in the first place we need to translate numbers and data into relatable stories that stakeholders can understand. The purpose of this course is to advance students' awareness and understanding of the rich data generated in our organizations, and to develop skills to visualize and communicate data to support implementation, adoption, and successful utilization of processes that will positively impact those organizations.

Requisites: PR, Admission to the EdS (Digital Leadership) program.

968 Closing the Loop (1) ‘Closing the loop’ is often used to indicate the follow through necessary to see a project through to a successful conclusion. However, implementing technology designed to solve organizational problems is not a “one and done” process. Organizational buy-in and training are necessary first steps, but change is a journey. Successful organizational change requires clear and measurable goals and objectives. Progress needs to be tracked and communicated. Projects involving organizational change are also not solo activities. Cooperation, collaboration, and teamwork are essential to smooth adoption and ultimate success. Requisites: PR, Admission to the EdS (Digital Leadership) program.

979 Practicum in Digital Leadership (3) This course is designed to connect digital leadership theory to practice in a realistic fashion. The student is placed in a situation where experience may be obtained relating to positions in digital leadership. The practicum Portfolio Project is completed to document the experience and demonstrate proficiency in the education leadership competencies. Students are responsible for securing a practicum placement and mentor. These experiences are most often completed in the district or institution in which students are employed. Alternative placements are available. Requisites: PR, Admission to the EdS (Digital Leadership) program.

Educational Leadership

800 History of American Education () A study of the influential people, social movement, and intellectual ideas associated with the development of American history and education from Colonial times to the present. Emphasis is placed on historical themes which recur as either contemporary educational problems or solutions.

803 Action Research for Building Administrators () This course will help future building leaders gain a better understanding of action research methods by examining their personal instructional practice systematically, using the techniques of action research to target an area of personal concern, and exploring possible solutions and interventions that can improve their practice. This online course discloses course content associated with action research and the processes and procedures for conducting action research culminating in the development of an action research plan. Students will develop educational leadership skills that include conducting a literature review, collecting and analyzing data, and developing the first cycle of an action plan with the purpose of enriching an educational setting.

850 School Law (3) A study of basic legal considerations for Kansas educators including rules governing the operation of schools with practical applications of legislation and court decisions.

851 Supervision and Evaluation of School Personnel (3) A study of the building principal’s supervision and evaluation responsibilities with an emphasis on modern evaluation and supervision techniques, improvement of instruction, and selection of personnel.

852 Introduction to Building Administration (3) This course is designed to assist prospective building administrators in developing fundamental knowledge and application of administrative roles and

responsibilities. Six key areas of administration are introduced: vision and goals; teaching and learning; managing organizational systems and safety; collaboration with key stakeholders; ethics and behavior; and educational systems.

853 Special Education for Building Administrators (3) This course is designed to assist prospective building administrators in developing fundamental knowledge and application of exceptionalities and their unique learning and behavioral challenges. Key issues related to the building administrator's role and influence on special education services that will be addressed are: laws that protect the educational rights of students with exceptionalities; communication and collaboration with school community stakeholders about special education services; promoting awareness of exceptionalities and various assessment instruments, procedures and technologies used in special education; and monitoring and evaluating special education decisions and services.

854 Building Finance (3) This course is designed to assist prospective building administrators in developing fundamental knowledge and application of school financial procedures. Key issues presented include: how to keep school records timely, accurate, and in compliance with state and district regulations; financial matters affecting school activity funds; sound budgetary and accounting procedures; internal controls to safeguard school funds; protecting staff, parents and students from fiscal irresponsibility due to loss, misuse, or theft; and other school money issues and complexities.

855 Ethics and Professional Norms for Building Administrators () This course is designed to assist prospective educational leaders in developing fundamental knowledge and application of educational organization leadership by examining ethical leadership in a variety of settings and methodologies. Candidates are exposed to a wide range of activities that include theory and practical application.

856 School-Community Relations (2-3) A study of the techniques and media that school administrators and teachers may use in the two-way process of keeping the public informed and receiving information from the community.

858 Educational Issues () A consideration of contemporary issues and problems of social concern to educational leaders. Extensive reading in non-educational areas is required.

860 & 880 Culturally Responsive Building Administrators () This course was designed to help potential building administrators become culturally responsive leaders. It is essential that aspiring principals develop the culturally responsive leadership skills needed to support their school and their school community in ensuring that all children and adults receive what they each need within an environment and system that is intentionally built for them to achieve academic, social, and emotional success regardless of race, ethnicity, language or other characteristics of their identity.

900 History and Philosophy of Education () A critical examination of the history and philosophy of education for leaders in specialized or advanced positions in American schools.

901 District Technology Operations & Management (3) This course is designed to help candidates seeking district-level positions within a preK-12 school district understand and demonstrate the capacity to promote the use of the Future Ready Technology Leaders Framework and the International Standards for Teacher Education (ISTE) Standards for Educational Leaders. This course will develop students' skills in becoming an advocate for the equity and citizenship, visionary planner, empowering leader, systems designer, and connected learner.

910 Data Management for District Leaders (3) This course will overview data literacy skills required for leading PK-12 Districts. This course will explore data collection, sources, management, security, ethics, assumptions, and limitations. Students will explore big data to learn strategies for organizing, managing security and interpreting data analytics.

911 Quantitative & Qualitative Analysis of District Data (3) This course explores the use of quantitative and qualitative analysis strategies using district data. This course will develop students' skills in using appropriate statistical measures as well as qualitative coding strategies to accurately analyze and interpret data.

912 Data Driven Decisions (3) This course is designed to build students' skills in interpreting, communicating and presenting data results in a meaningful way. Emphasis will be on evaluating and appropriately using data analyses as a basis for decisions and actions.

950 Advanced School Law (0) In exercising the rights and responsibilities affecting the governance of the District, the Board will adopt policies serving as guidelines for the organization and administration of schools. Administrative authority, and the power to delegate such authority, will be given to the superintendent who has sufficient legal authority to implement the board's policies and run the day-to-day operations of the district. This course will discuss policies that represent official positions of the Board, and (2) federal, state, and local statutes that drive the legal basis for these policies and regulations. These procedures must be in compliance with all laws, rules, and regulations that apply to the district.

951 District Administration (3) This course is designed to assist prospective district building administrators in developing a fundamental knowledge and application of administrative roles and responsibilities for the efficient operation of the school district as mandated by state statutes and the local school board. Key topics addressed are: supervision and evaluation of school personnel; scope of authority over operations; fiscal, curriculum, instruction; collective bargaining process; and long-range planning.

952 District Administration Trends and Practices (3) This course is designed to assist prospective district administrators in developing fundamental knowledge and application of current trends and practices that impact district administration. Key topics addressed are: understanding district vision for learning, networking and collaboration, district culture of learning, attitudes toward social media, district management and policy, technology

integration and 21st century learning, data driven decision making, and the implication of Open Educational Resources.

954 District Finance (3) The school superintendent is in charge of more than just instructional aspects or the supervision of the employees and educators of a school district. A large part of the superintendent's duties includes the financial responsibilities of the district. This course is designed to develop the skills needed for working with the fiscal activities in public education, including knowledge of state and local responsibilities, sources of revenue, and other functions related to financing public school education at the district level.

955 Education Facilities (3) A study of the problems and duties identified with the planning, remodeling, maintaining, and operating of an educational facility.

959 Advanced Curriculum Development and Evaluation (0) A study of the processes and approaches to curriculum planning and development which includes evaluation of the curriculum.

979 Practicum in Education: District Leader (3) This course is designed to relate educational administration theory to practice in a realistic fashion. The student is placed in a situation where experiences may be obtained relating to positions in Central Office Administration.

English for Speakers of Other Languages Graduate

Credit

882 ESOL Linguistics (3) This course is intended to prepare teachers desiring ESOL endorsement with a background in linguistics that will allow them to understand the structure and function of language. It will provide the theoretical underpinnings that will allow teachers to better plan curriculum for their students. Using the information, they will be able to determine which elements of English may be the most problematic for their students. They will learn ways in which languages may differ and what the universal characteristics of language are.

883 ESOL Assessment and Appraisal (1-4) This course is intended to prepare teachers desiring ESOL endorsement with a background in assessment that will allow them to assess and evaluate their ESOL students accurately. It will provide information regarding second language development and the theoretical underpinning necessary for nonbiased assessment, as well as considering methods of both traditional, formal assessment and nontraditional, informal assessment. Interpretation of results and their application will be considered.

884 ESOL Methods and Materials (1-4) The purpose of this course is to introduce students to contemporary methods and materials used in English for Speakers of Other Languages Pre-K – 12 classrooms. It will introduce methods and materials used in teaching non-native speakers with limited or non-existent English proficiency. Emphasis will be placed on the contextualized aspects of second language learning and the preparation of activities, materials, and evaluation techniques for classroom use.

885 Practicum in ESOL (1-8) This course is designed to relate theory to practice in a realistic fashion. The student is placed in a situation to obtain experiences relating directly to the area being studied. Requisites: PERM.

Higher Education Student Affairs

813 Assessment, Evaluation, and Research in Higher Education (3) Students will examine various methodologies used in educational research, analyze ethical issues associated with it, and design practical application of research methodology to assessment and evaluation in higher education.

814 Technology in Higher Education Student Affairs (3) This course is primarily designed for current and future higher education professionals and will explore many of the technology issues facing the modern institution of higher education. The course will focus on the use of digital tools, resources and technologies for the advancement of student learning, development and success, as well as the improved performance of student affairs professionals. Included in this course are knowledge, skills, and dispositions that lead to the generation of digital literacy and digital citizenship within communities of students, student affairs professionals, faculty members, and colleges and universities.

815 Higher Education Law (3) This course is primarily designed for current and future higher education professionals and will explore many of the legal issues facing the modern institution of higher education. The course will begin with an overview of the history of the relationship and evolution of higher education and the law. As the course progresses, current critical legal issues including student speech and associational rights, due process concepts, equal protection and discrimination, compliance with federal laws relating to higher education, and governance. Supplemental materials will be provided in addition to required readings in the text. The course is intended to be an overview, not an in-depth analysis of any given topic. Likewise, the course is not designed to provide and introduction to or overview of every facet of the law regarding higher education.

816 Governance and Finance in Higher Education (3) Analysis of the governance, administration and finance of institutions of higher education in the United States. This course includes lectures, discussions, visiting presentations, and interactive case narratives.

817 Student Development Theory (3) The primary focus of this course is to provide a foundation for graduate students to develop an understanding of major and emerging college student development theories. Students will identify and understand the relationship between theory, practice and research.

818 Student Personnel in Higher Education (3) Designed to develop an understanding of the philosophy, role problems, trends, and administration of student personnel programs in higher education.

819 Supporting Student Success in Higher Education (3) Learners will explore the models of and skills for advising, with special focuses upon mentoring, crisis intervention/referral, interpersonal communication, and serving special populations. Techniques in giving direction, feedback, critique, referral, and guidance will be considered. Student support will then be applied to retention efforts by institutions.

820 Leadership in Higher Education (3) Students will learn with knowledge, skills, and dispositions associated with successful leadership in a higher education setting.

821 Diversity in Higher Education (3) This course explores the theoretical foundations of diversity and social justice that emerge from various fields. These will then be applied to the higher education setting. Perspectives from various ideological positions will be explored.

879 Practicum: Higher Education Student Affairs (3) The practicum is designed to serve as an opportunity to develop and practice skills and it also provides a transition into the next steps of the student's professional employment. The practicum provides the opportunity for the student to apply the theories and skills gained from course work and apply it within a practical setting while integrating the experience into a conceptual frame of reference. Successful completion of the practicum will increase the student's competence and marketability upon graduation. The practicum will offer the opportunity to observe or participate in the activities and responsibilities that are considered to be the major functions of the office in which the practicum is located. Requisites: PR, PERM.

Library and Media Specialist Graduate

Credit

852 Selection of School Library Media Materials (3) This course introduces the principles governing building, maintaining, and using materials (both printed and non-print) adequate for the basic needs of elementary and secondary school library media centers.

853 Cataloging (3) Acquaints students with the process of listing information resources-books, sound recordings, moving images, etc.-for inclusion in a database. Principles and practices of resource description, subject cataloging, and classification in a school library setting.

856 Cataloging for School Library Media (3) Provides an introduction to the theory, practice, and application of the principles of cataloging and classification. Subject classification and simple entries are emphasized, along with new AACR2 catalog rules. Filing rules are included. Machine readable cataloging is emphasized..

857 School Library Media Administration (3) Provides an introduction to the organization and principles of library administration. Study is made of basic procedures and requirements for administration of a library media program and center. A procedures manual is established by the individual student for personal use.

859 Library Media Supervised Practice (Practicum) (3)

Library media observation and practice, with instruction in the use of materials and services in libraries. Supervised work experience in the library is arranged. Requisites: Completion of the five basic courses of the library media program is required.

Masters in Instructional Technology

Graduate Credit

805 Instructional Technology Theory and Practice (3)

This course covers current topics such as instructional change; student and teacher roles; student engagement; and classroom information management, providing examples that balance theory with practice. For graduates in the MS Instructional Technology, and other upper division students.

806 Developing Instruction (1-3) This course presents an overall picture of distance education, an understanding of technologies used in online learning, and skills to develop web-based instruction.

807 Designing Digital Learning Tools (0) This is an online professional education course designed for candidates in the Master's Program for the Department of Advanced Education Programs (AEP). Candidates will investigate, design, peer review, and field test research-based instructional units.

812 Multimedia Applications (3) This course presents an introduction to multimedia technologies and applications. The course is designed to allow students with no previous experience as well as those with experience to extend their competencies in the use of visual, audiovisual, computer, multimedia, and hypermedia materials.

813 Instructional Message Design (3) Instructional Message Design presents an overview of educational and corporate instructional message design methodologies and skills. The course is designed to allow students with no previous experience as well as those with experience to learn basic message design skills and create different types of multimedia instructional materials.

814 Google in Education (0) This course is designed to strengthen your knowledge and skill ability as a leader in innovative utilization and integration of Google in Education. At the completion of this course, you will be able to explain the differences between Google Apps for Education and other commercially available software products. You will also be able to demonstrate and train others on how to use Google products to enhance or improve teaching and learning. In addition, you will be exposed to materials that will help prepare you to take the Google Certified Educator Level 1 exam so that you can help other educators and schools integrate Google tools by providing direct training and other services.

822 Hypermedia/Hypertext Applications (3) The 3-credit hour course is designed for graduates in the Masters of Science program in Instructional Technology. It provides an overview of hypermedia and hypertext applications for instructional technology.

885 Instructional Technology Practicum (1-3)

Comprehensive tools, student-lead training, presentations, and materials are developed within a professional electronic portfolio to illustrate the student's knowledge, skills, and ability.

Reading

Graduate Credit

851 Science of Language and Literacy (0) Candidates participate in a deep study of the science of reading over an extended period. Through independent learning and live trainings, candidates will develop an understanding of the key components of literacy development, literacy assessment, and effective literacy instruction. Engagement in case studies allows candidates opportunities to put concepts into practice as they learn.

852 Science of Language and Literacy II (0) Candidates participate in a deep study of the science of reading over an extended period. Through independent learning and live trainings, candidates will develop an understanding of the key components of language comprehension and effective comprehension instruction. Engagement in case studies allows candidates opportunities to put concepts into practice as they learn.

853 Integrating Literacy Theory into Assessment and Practice (0) This course is designed to build on what candidates gain from training in LETRS Volumes 1 and 2. Candidates will engage deeper with concepts of phonological and phonemic awareness, phonics, morphology, etymology, syntax, fluency, and comprehension. Candidates will also broaden their understanding of writing and literacy assessment. This course prepares candidates for the Knowledge and Practice Examination for Effective Reading Instruction (KPEERI) exam.

854 Beyond a Simple View of Reading (0) Literacy is a complex topic involving many dimensions. Some of these dimensions will be explored in this class as we take our understanding of literacy development, assessment, and instruction beyond merely a Simple View. Candidates will explore the role of ethics and dispositions in literacy assessment and instruction. Candidates will also develop an understanding of the complexities various issues relating to diversity, disability and trauma add to assessing and teaching literacy skills and explore the role family and community connections can play in supporting students' literacy development.

861 Advanced Literature for Children and Young Adults (PreK-12) (3) Designed for teachers, supervisors, administrators, and librarians who have previous background with literature appropriate for children and/or young adults. Emphasis is placed on current titles.

881 Content Area Reading (3) Study of learning and reading as related to content area subjects. Focuses on techniques and understandings for teaching students how to use print as a tool for learning.

882 Contemporary Research in Language Arts (3) This course is designed to build common knowledge, develop depth of

understanding, and focus on the critical examination of scientific-based research covering the current issues and trends in literacy and language arts instruction including interventions for children with reading disabilities.

883 Clinical Reading Diagnosis and Remediation (3) This course is a practicum in conducting intensive evaluations of children with reading disabilities. Students will learn to administer, score, and interpret informal and standardized test instruments, including the administration and interpretation of parent and child interviews for background information.

884 Literacy Development (3) Explores underlying language and literacy development from a psycho-linguistic perspective. Classroom techniques to foster emergent literacy development are stressed.

885 The School Reading Program (Practicum) + (3) A practicum experience in the school setting. Focus will be upon organization of the reading program in the school and its interrelationships with pupils, parents, other teachers, and administrators.

979 Practicum: Leadership in Reading (3) This practicum is an in-depth study and application of knowledge of reading process and product in a setting involving children and/or undergraduates. This practicum combines both hands-on experiences working with learners in reading instruction and content to be obtained from resource materials, including professional journals, textbooks, and the instructor. Through practicum experiences, interviews, and discussions with cooperating teachers, interviews and the instructor. Through practicum experiences, interviews, and discussions with cooperating teachers, interviews, and discussions with the administrator of the reading program, and thorough reading of textbooks and/or professional journals the participant enrolled in this practicum should demonstrate the objectives set forth by the KSDE in relation to reading specialist endorsement.

Special Education

Undergraduate Credit

278 Field Experience I (3) Field experience will provide the student an opportunity to obtain practical experience in an area of interest.

570 Workshop in Education (3) A workshop is designed for intensive study of an educational topic or problem.

626 Cross-Cultural Studies in Education (3) This course is designed to help students develop cultural awareness and an understanding of how different cultures influence children in school. Directed laboratory experiences with ethnic students is required.

670 Workshop in Education (3) A workshop is designed for intensive study of an educational topic or problem.

671 Institute in Education (3) The institute is designed to provide preparation for teachers and administrators in a specialized area.

672 Reading in Education (3) Directed professional reading according to the needs of the individual.

673 Problems in Education I (3) A critical study of selected problems relating to the educational area under consideration.

675 Seminar in Education (3) A critical study of selected problems relating to the educational area under consideration.

676 Apprenticeship in Education (3) Opportunity for students to obtain experience in instruction under supervision of the graduate faculty.

677 Early Field Experience (3) Designed to provide education majors with an observation and participation experience in an area of special interest on an advanced level. Students will be placed in an educational setting relevant to their program.

678 Field Experience II (3) Provides the student an opportunity to obtain practical experience in an area of interest. The student will be under the supervision of a selected practitioner.

Graduate Credit

800 Research (3) This course will present technical and research literature, statistical concepts and computations, and examine use of computer software for statistical analysis. The course will also include skills in accessing reference material. Students will define and prepare a research study.

801 Legal/Professional Issues in Special Education (3) This course will focus on legal and professional issues in special education. Emphasis is on exceptional children and youth and the provision of educational and related services for this population.

802 Theories of Exceptionalities and Diversity (3) This course is the foundation course in the field of special education. It will present the theoretical perspectives of individual variance. This course describes procedures for identifying exceptional students relevant to cognitive, social, motor, communication, and affective behavior. The family, biological and cultural factors contributing to variant behavior are examined in this course.

803 Consultation in Special Education (3) Study of the basic principles, tools, and techniques of counseling, conferencing, and consulting related to the parents and professionals working with exceptional children. Requisites: PR, TESP 302.

804 Behavior Management in Schools/Practicum (3) A study of behavior of children and youth with emphasis on the diagnosis and modification of behaviors. Requisites: PR, TESP 302.

805 Assessment and Lab in Special Education (3) This course provides strategies for planning assessment for exceptional learners, concepts of measurement, and interpretation of test results. Content in lab will include both formal and informal assessment in these selected areas: (A) Aptitude/Intelligence, (B) Achievement, (C) Achievement, (C) Affective/Personality, (D) Early Childhood Tests, (E) Multicultural Assessment, (F) Vocational Assessment, and (G) Counseling Assessment. Requisites: PR, SPED 601 or TESP 302.

806 Methods and Materials for Exceptional Students (3) Teaching will be examined as a process consisting of curriculum

instruction techniques and performance evaluation. Application of the process to individualized programming will be stressed. Course will discuss methods and materials for all exceptionalities. Requisites: PR, TESP 302.

807 Multiculturalism in Special Education (2) This course provides an introduction to relevant issues related to special education students from culturally diverse backgrounds. The course is designed for educators and other professionals who work with special education students from culturally diverse backgrounds.

808 Assessment in Low Incidence Special Education (1) This course prepares students to plan, use and report on formal and informal assessments with individuals with low incidence disabilities. Students will gain knowledge and skills in analyzing data from standardized tests, alternate assessments, and progress monitoring measurements. Students will also acquire skills in using assessments to make decisions that will improve instructional and learning outcomes.

809 Topics in Special Education+ (1-3) A critical study of issues relating to special education and exceptional individuals. The course will center around the collection, dissemination, and discussion of material in the areas of law and ethics, medical aspects of exceptionality, and service delivery.

810 Technology in Special Education (3) The purpose of this course is to increase knowledge and skills in the application of assistive and educational technology with exceptional children.

812 Curriculum for Early Childhood Special Education (3) The purpose of this course is to help prepare students to teach and serve young handicapped children and their families. An emphasis is placed on assessment, programming, instruction, and data collection.

814 Advanced Child Development (3) The purpose of this course is to give an overview of the field of early childhood education. Information on the history and theories of child development, as well as information on characteristics of children at different ages, will be discussed. In addition, discussions on play and electronic media, including computer-assisted instruction, will be provided. How information in each of these areas relates to young handicapped children will also be included in the discussions. Requisites: PR, a course in human growth and development or equivalent or PERM.

818 Practicum in Special Education I: ECSE (1) This course is designed to relate theory to practice in a realistic setting. The student is placed in a situation where he may obtain experience relating directly or indirectly to the area being studied.

819 Practicum in Special Education II: ECSE (1) This advanced course is designed to relate theory to practice in a realistic setting. The student is placed in a situation where he may obtain experiences relating directly or indirectly to the area being studied.

822 Strategies in High Incidence SPED/Practicum (3) The purpose of this course is to help special educators make appropriate decisions regarding the IEP process in regards to

their students with high incidence needs. The decision-making process ensures that all students receive the needed instructional practices and supports to be successful. As a practicum course, candidates will be working with students with high incidence needs, designing, implementing and evaluating instructional practices.

823 Autism Spectrum Disorder and Leadership (1) This course provides an overview of autism spectrum disorder and leadership competencies. It includes an outline of the nature of autism spectrum disorder (ASD) in terms of etiology, characteristics, trends, legal guidelines and supports for students. It also focuses on the principles of leadership and individuals' motivational capacities. The course will examine one's leadership journey as well as the communication, behavioral, and social-emotional needs of individuals with ASD from infant to adulthood.

824 Strategies for Leaders and Individuals with ASD (3) This course focuses on two main areas: (i) ways to become effective leaders; and (ii) strategies for working with students with autism spectrum disorder (ASD). Students will learn and utilize leadership skills such as communication, collaboration, and conflict resolution strategies. Additionally, the course will delve into strategies and technological considerations for working with students with ASD as related to communication, emotional, behavioral, and social skills. It includes learning on Augmentative Assistive Technology (AAT), Individualized Education Plan (IEP) and instructional strategies for students with ASD. Eligibility: Admission to Graduate School.

825 Assessment in Autism (1) This course provides an overview of assessing P-12 students identified under the umbrella of autism spectrum disorder (ASD). It provides an outline of the assessments used to determine students with ASD strengths and skills, and the skills to be developed to increase independent functioning. Both formal and informal assessments will be examined. Assessment results will guide instructional planning in communication, behavior, and social skills. In addition, the course includes writing appropriate SMART goals for Individualized Education Plans (IEPs) and instructional strategies for use with social stories.

828 Practicum in Special Education I: BD (1) This course is designed to relate theory to practice in a realistic setting. The student is placed in a situation to obtain experiences relating directly or indirectly to the area being studied.

829 Behavior Management in Low Incidence (1) This advanced course is designed to relate theory to practice in a realistic setting. Candidates obtain practical experiences relating directly or indirectly to managing the behaviors of students with low incidence disabilities. This course explores various theoretical models accounting for human behavior and strategies for managing students' behavior through proactive, preventative, and positive approaches. It includes conducting and implementing Functional Behavioral Assessments (FBA) and Behavior Intervention Plans (BIP) for students with low incidence disabilities.

832 Teaching Reading in Special Education (1) This course focuses on research-based instructional techniques and strategies in working with students with reading difficulties. Course addresses the elements of reading, intervention strategies, instructional materials, and assessments to identify students with reading difficulties. It will delve into meeting the instructional needs of students with dyslexia.

838 Practicum in Special Education I: LD () This course is designed to relate theory to practice in a realistic setting. The student is placed in a situation to obtain experiences relating directly or indirectly to the area being studied.

839 Practicum in Special Education II () This culminating course is designed to connect theory to practice where candidates engage with students with high incidence disabilities. It includes a minimum of 100 hours of direct and/or indirect experience working with students with exceptionalities. It also includes preparation exercises for local, state and national assessments.

842 Educational Strategies in Low Incidence () The purpose of this course is to provide best practices and procedures for teaching students with low incidence disabilities. The intent is to examine the developmental and learning needs of each individual as a total person and to determine the psychological and physical structuring of the learning environment that will optimize the acquisition of appropriate and needed skills and behaviors. Candidates will examine appropriate instructional programming and evidence-based practices for students with low incidence disabilities, and will learn to write IEP (Individual Education Plan) and instructional plans to address both academic and functional needs of students.

849 Practicum in Low Incidence Special Education () This advanced course is designed to relate theory to practice in the education of students with low incidence disabilities. It delves into strategies for working with students with low incidence disabilities, including but not limited to: Autism Spectrum Disorder, Deaf-blindness, Deaf and Hard of Hearing, Developmental Delay, Intellectual Disability, Multiple Disabilities, Orthopedic Impairment, Other Health Impairment, Speech or Language Impairment, Traumatic Brain Injury, and Visual Impairment, including Blindness. Candidates will obtain experiences relating directly or indirectly to the areas being studied, by engaging in a minimum of 100 hours with students with low incidence disabilities. is placed in a situation to obtain experiences relating directly or indirectly to the area being studied. Requisites: PERM.

851 Theories & Models in Gifted Education () Those enrolled in this course will examine the foundations, definitions, concepts, and application of major theories, models, and theorists of giftedness, including the following themes:

The Foundations and History of Giftedness,
Lewis Terman's Longitudinal Studies of Gifted Children,
Francoys Gagné's Differentiated Model of Giftedness and Talent,
Joseph Renzulli's Triad Model of Giftedness,
Robert Sternberg's Theory of Successful Intelligence,
Howard Gardner's Theory of Multiple Intelligences,
J.P. Guilford's Structure of Intellect Model and Model of Creativity,
Kerrie Unsworth's Matrix of Creativity Types,
George Betts's Autonomous Learner Model,
Donald Treffinger and Edwin Selby's Levels of Service Model,
Available Resources on Theories and Models,
Contemporary Definitions of Giftedness.

859 Practicum/Collaboration & Consult.: Gifted Special Education (3) This advanced course is designed to relate theory to practice in a realistic setting. The student is placed in a situation to obtain experiences relating directly or indirectly to the area being studied. As part of this experience, the student is given opportunities to study the basic principles, tools, and techniques of counseling,

conferencing, and consulting as related to students who are gifted, their parents, and other professionals. Requisites: PR, PERM.

860 Transition in SPED: Early Childhood to Adulthood () This course provides an overview of the educational stages in special education, i.e., from early childhood to post-secondary. The course will address the different transition points that students with exceptionalities have to go through, as students move from home to school, grade to grade, school to school, and school to community/post-secondary. It will focus on working with students from pre-K to adolescents, collaborating with families and professionals, and preparing transition plans. It will also highlight the importance of family and community engagement in the holistic development of children with special needs.

862 Career/Vocational Planning for Special Needs Students(3) A study of career/vocational programs for special needs students. Appropriate curricula, methodology and materials will be analyzed.

867 Practicum/Collaboration & Consult.: Adaptive Special Education (3) This course is designed to relate theory to practice in a realistic setting. The student is placed in a situation to obtain experiences relating directly or indirectly to the areas being studied. Requisites: PR, PERM and SPED 802.

868 Practicum in Special Education I: C/V () This course is designed to relate theory to practice in a realistic setting. The student is placed in a situation to obtain experiences relating directly or indirectly to the area being studied.

869 Practicum in Special Education II: C/V () This advanced course is designed to relate theory to practice in a realistic setting. The student is placed in a situation where he may obtain experiences relating directly or indirectly to the area being studied.

873 Problems in Education II () Independent study of an educational problem.

874 Independent Improvement of Teaching () Opportunities for students who have graduated to obtain additional competencies.

881 Administration of Special Education () The course includes the study of procedures employed in organizing and administering programs in special education.

888 Practicum in Special Education: Adm (Supervisory/Coordinator) This advanced course is designed to relate theory to practice in a realistic setting. The student is placed in a situation where experiences are obtained in the area studied.

889 Practicum in Special Education: Adm (Director) This advanced course is designed to relate theory to practice in a realistic setting. The student is placed in a situation where experiences are obtained in the area studied.

899 Thesis () Individual study of a selected problem relating to education.

+Course may be repeated

#Lab required

PERM: Permission

PR: Pre-requisite

Department of Teacher Education

Requirements to Become a Teacher A candidate desiring to become a teacher must satisfy the requirements of the selected teacher education program.

The basic requirements are that the candidate: (1) meet the requirements necessary to be admitted to Teacher Education; (2) meet the requirements necessary to be admitted to Student Teaching; (3) complete the general education program for Teacher Education; (4) complete the professional education program for teacher education; (5) meet the Kansas State Department of Education [KSDE] requirements to be approved for recommendation for a teaching license; (6) achieve a passing score on the Principles of Learning and Teaching Test (PLT); and (7) a passing score on the subject assessment test required by the KSDE. The procedures to be followed in pursuing a program which culminates in a recommendation for a teaching license are below.

Admission to Teacher Education

A candidate pursuing a teacher licensure program should seek admission to teacher education during the sophomore year. Admission to teacher education is required prior to enrolling in restricted upper-division education courses. The application form may be obtained from the Teacher Licensure Office or online at <http://www.fhsu.edu/cert>. Candidates who do not hold a bachelor's degree must have a cumulative grade point average of at least 2.75 including a minimum of 36 semester hours of general education credits at the time of application. These are to include ENG 101/102 English Composition I and II, COMM 100 Fundamentals of Oral Communication, MATH 110 College Algebra or higher, and MATH 250 Elements of Statistics or MATH 350 Introduction to Mathematical Statistics. A minimum grade of "C" is required in these basic skills courses. Candidates who hold a bachelor's degree must have a 2.75 GPA on the last 60 hours of college credit or a cumulative GPA of 2.75. Enrollment in these courses during the semester of application is acceptable with final admission to Teacher Education contingent upon completion with a grade of "C" or better. Additional requirements are listed on Teacher Education website.

Admission to Student Teaching

A candidate who has been admitted to teacher education must apply for admission to Student Teaching prior to February 15 if the student plans to student teach in the fall semester or prior to September 15 if the candidate plans to student teach in the spring semester. The application form may be obtained from the Teacher Licensure Office or online at <http://www.fhsu.edu/cert/>. Requirements for admission to Student Teaching are: (1) admission to Teacher Education; (2) indication of adequate preparation in teaching fields to perform the student teaching assignments; (3) attainment of a grade index of 2.75 in all coursework; (4) attainment of a grade index of 2.75 in coursework completed in teaching field(s) or meet departmental grade point average requirements if higher; (5) no grade lower than "C" in professional education courses; (6) favorable recommendation from the department in the candidate's area(s) of teaching; (7) submission of credential file to Career Services; and (8) approval for admission to Student teaching by the Council on Preparation of Teachers and School Personnel.

Bachelor of Science in Education: Elementary Education (Early Childhood Unified)

General Education Coursework: 34 Credit Hours

Professional Studies & Major Courses (Non-restricted): 23 Credit Hours

Major Courses (Restricted to program admits): 22 Credit Hours

Internships and Methods Courses (Restricted to program admits): 17 Credit Hours

Approved Electives: 12 Credit Hours

Student Teaching (Restricted to program admits): 12 Credit Hours

TOTAL: 120 Credit Hours

Candidates who already hold a bachelor's degree and are working to complete an initial licensure program, do not need to meet general education requirements (effective for students who submit an application for admission to Teacher Education on or after March 26, 2015).

"Non-restricted" courses below are open to Teacher Education majors who have not yet been admitted to the Teacher Education program (some prerequisites apply). [Admission to Teacher Education](#) is a prerequisite for "Restricted" courses. You're also required to complete General Education courses, and Teacher Education requires you to take specific courses from among the General Education selections. These links will outline the General Education courses you'll need to take based on your status: [Freshman or Transfer with 44 credit hours or less](#), [Transfer with Associate's or 45 credit hours or more](#).

* = Must complete course before applying to Teacher Education

PROFESSIONAL STUDIES & MAJOR COURSES (Non-restricted)

- TEEL 202 Foundations of Education* (3 Credit Hours)
- TEEL 231 Human Growth & Development* (3 Credit Hours)
- TESP 302 Educating Exceptional Students (3 Credit Hours)
- TESP 320 Programs, Procedures, & Issues in Special Education (3 Credit Hours)
- TECS 301 Intro to Instructional Technology* (3 Credit Hours)
- TEEL 340 Classroom Management (3 Credit Hours)
- TEEC 321 The Young Child (2 Credit Hours)

MAJOR COURSES (Restricted)

- TEEC 323 Emergent Literacy (3 Credit Hours)
- TEEC 362 ECU Mathematics Methods (2 Credit Hours)
- TEEC 368 Child Care Management & Admin (3 Credit Hours)
- TESP 330 Behavior Strategies & Support (3 Credit Hours)
- TESP 350 Assessment in Special Education (3 Credit Hours)
- TESP 370 Technology Applications in Special Ed (2 Credit Hours)
- TEEL 350 Curriculum & Assessment (3 Credit Hours)
- TEEL 431 Educational Psychology (3 Credit Hours)

INTERNSHIPS & METHODS COURSES (Restricted)

- TESP 360 Principles of Instruction in Special Education & Clinical Immersion (4 Credit Hours)
- TEEL 365 Science of Reading I (4 Credit Hours)
- TEEC 376 Internship III Kindergarten-Grade 3 (1 Credit Hour)
- TEEC 365 Curriculum in Early Childhood (3 Credit Hours)
- TEEC 341 Internship II Ages 3-5 (1 Credit Hour)
- TEEC 340 Creative Expressions Methods (3 Credit Hours)
- TEEC 336 Internship I Birth - Age 3 (1 Credit Hour)

STUDENT TEACHING (Restricted)

- TEEC 465 Student Teaching Birth-Age 5 (6 Credit Hours)
- TEEC 466 Student Teaching K-Grade 3 (6 Credit Hours)

- All program courses must be completed with a C or better.
- Candidates may complete up to two internships per semester.

Bachelor of Science in Education: Elementary Education (PreK-6)

Program Summary

General Education Coursework – 34 Credit Hours

Professional Studies & Major Courses (Non-restricted) - 25 Credit Hours

Major Courses (Restricted to program admits) - 14 Credit Hours

Internships and Methods Courses (Restricted to program admits) - 21 Credit Hours

Approved Electives – 14 Credit Hours

Student Teaching (Restricted to program admits) - 12 Credit Hours

TOTAL HOURS REQUIRED FOR DEGREE - 120 Credit Hours

"Non-restricted" courses below are open to Teacher Education majors who have not yet been admitted to the Teacher Education program (some prerequisites apply). [Admission to Teacher Education](#) is a prerequisite for "Restricted" courses. You're also required to complete General Education courses, and Teacher Education requires you to take specific courses from among the General Education selections. These links outline the General Education courses you'll need to take based on your status: [Freshman or Transfer with 44 credit hours or less](#) or [Transfer with Associate's or 45 credit hours or more](#).

* = Must complete course before applying to Teacher Education

PROFESSIONAL STUDIES & MAJOR COURSES (Non-restricted)

- TEEL 202 Foundations of Education* (3 Credit Hours)
- TEEL 231 Human Growth & Development* (3 Credit Hours)
- TESP 302 Educating Exceptional Students (3 Credit Hours)
- ART 300 Elementary Art Methods (2 Credit Hours)
- MATH 180 Concepts of Elementary Mathematics (3 Credit Hours)
- TECS 301 Intro to Instructional Technology* (3 Credit Hours)
- TEEL 230 Diverse Learners (3 Credit Hours)
- TEEL 260 Children's Literature* (3 Credit Hours)
- TEEL 340 Classroom Management (3 Credit Hours)

MAJOR COURSES (Restricted)

- HHP 415 Health & PE Methods & Curriculum (3 Credit Hours)
- MUS 366 Elementary School Music (2 Credit Hours)
- TECS 390 Instructional Tech for Elem Teachers (3 Credit Hours)
- TEEL 350 Curriculum & Assessment (3 Credit Hours)
- TEEL 431 Educational Psychology (3 Credit Hours)

INTERNSHIPS & METHODS COURSES (Restricted)

- TEEL 365 Science of Reading I (4 Credit Hours)
- TEEL 378 Science of Reading I Internship (1 Credit Hour)
- TEEL 360 Mathematics Methods (3 Credit Hours)
- TEEL 377 Mathematics Internship (1 Credit Hour)
- TEEL 363 Social Studies Methods (3 Credit Hours)

- TEEL 478 Social Studies Internship (1 Credit Hour)
- TEEL 361 Elementary School Science Methods (3 Credit Hours)
- TEEL 479 Science Internship (1 Credit Hour)
- TEEL 481 Science of Reading II (4 Credit Hours)

STUDENT TEACHING (Restricted)

- TEEL 496 Student Teaching Elementary (12 Credit Hours)
- TEEL 675 Literacy Assessment & Intervention (4 Credit Hours)

- All program courses must be completed with a C or better
- Candidate may complete up to two internships per semester

Bachelor of Science: Secondary Education

General Education Coursework: 34 Credit Hours

Secondary Education Core: 19 Credit Hours

Courses from field of study: Variable

Student Teaching: 12 Credit Hours

Total: Total number of credit hours varies based on chosen field of study

General Education Courses

To earn an undergraduate degree at FHSU, you must complete 34 hours of General Education coursework. For the Secondary Education degree, those must include:

- ENG 101 English Composition 1 (3 Credit Hours)
- ENG 102 English Composition 2 (3 Credit Hours)
- COMM 100 Fundamentals of Oral Communication (3 Credit Hours)
- MATH 110 College Algebra (3 Credit Hours)
- MATH 250 Elements of Statistics (3 Credit Hours)

Secondary Education Core & Student Teaching Courses

- TEEL 202 Foundations of Education (3 Credit Hours)
- TEEL 231 Human Growth and Development (3 Credit Hours)
- TESP 302 Educating Exceptional Students (3 Credit Hours)
- TECS 301 Introduction to Instructional Technology (3 Credit Hours)
- TEEL 431 Educational Psychology (3 Credit Hours)
- TESS 494 The Secondary School Experience (4 Credit Hours)
- TESS 496 Student Teaching Secondary (11 Credit Hours)
- TEEL 675 Student Teaching Portfolio (1 Credit Hour)

Total Secondary Education Courses: 31 Credit Hours

- All program courses must be completed with a C or better

The Bachelor of Science in Secondary Education is available only as part of a dual major in conjunction with a major in an academic teaching field approved by the KSDE at the PreK-12 and 6-12 levels. The teaching fields available are art, biology, business, chemistry, earth/space science, English, modern languages (German and Spanish), journalism, mathematics, music, physical education, physics, psychology, technology education (communications; power, energy, transportation; production), history and government. For requirements in each content, please contact the appropriate teaching area office. Students wishing to complete the requirements for the Secondary Education major must also meet the Teacher Education Program requirements. This program follows the Conceptual Framework for Teacher Education at Fort Hays State University.

Master of Science in Education

Concentration in Secondary Education –Option 1

(Leads to Secondary licensure for candidates who do not hold a teaching license)

Licensure Requirements (27 hours) MSE Degree

Requirements (36 hours)

Semester Offered	MSE—Secondary Education Required Certification Courses	Cr. Hrs.
	Preliminary Semester	
F, S, U	AEP 800 Innovative Technology Integration	3
F, S, U	TEEL 860 Advanced Classroom Management	3
F, S, U	TEEL 859 Advanced Diverse & Exceptional Learners	3
	<i>Students must pass their content area Praxis before enrolling in additional classes</i>	
	Remaining Certification Courses	
F, S	TEEL 866 Instructional Models and Teaching Strategies: Secondary Pedagogy	2
F, S	TEEL 878 Field Experience III: Secondary Classroom (minimum of 80 clock hours—placement arranged by FHSU) <i>Co-requisite: TEEL 866 Secondary Pedagogy</i>	1
(Contact Dept)	600/800 Secondary Content Methods (Offered in content dept)	3
F, S, U	TEEL 858 Advanced Educational Foundation & Psychology	3
F, S, U	AEP 880 Cultural Diversity	3
F, S, U	AEP 867 Instructional Design and Assessment	3
	<i>Students must complete all coursework before enrolling in student teaching</i>	
	Professional Semester	
(16 weeks) F, S	TEEL 876 Apprenticeship in Education II: Secondary Student Teaching (Placement in the appropriate classroom—this is an uncompensated, minimum of 40 hours/week requirement)	3
F, S	TEEL 873 Problems in Education II (up to 2 credit hours) Students who use financial aid will take this course to meet the minimum hour requirement. This course is not required for program or licensure completion.	
	TOTAL CERTIFICATION HOURS	27
*Eligible for licensure through Kansas State Department of Education after successful completion of the 27 hours above, along with passing the required exams.		

**MSE Degree Completion Courses (9 hours)

Semester Offered	MSE Degree Completion Courses These courses can be completed after certification	Cr. Hrs.
F, S, U	TEEL 820 Research Methods in Education	3
F, S, U	AEP 855 Educational Leadership	3
F, S, U	AEP 858 Data Analysis and Assessment	3
	TOTAL DEGREE COMPLETION HOURS	9
	TOTAL MASTER'S DEGREE HOURS	36

**Students will be eligible for the MSE degree after successful completion of the 9 hours above and passing a comprehensive examination.

Master of Science in Education

Elementary Education (K-6) Licensed Teachers

(Leads to K-6 licensure for candidates who hold an early childhood, middle or secondary license)

Degree Requirements (36 hours)

*ELED (K-6) Certification Courses (27 hours)

Semester Offered	Semester 1 (9 credit hours)	Cr. Hrs.	Grade
F, S, U	TEEL 820 Research Methods in Education	3	
F, S, U	TEEL 860 Advanced Classroom Management	3	
F, S, U	TEEL 858 Advanced Educational Foundation & Psychology	3	
	Semester 2 (9 credit hours)		
(1 st 8 weeks) F, S	TEEL 836 Advanced Literacy for Elementary Grades	2	
(1 st 8 weeks) F, S	TEEL 842 Advanced Mathematics for Elementary Grades	2	
(2 nd 8 weeks) F, S	TEEL 837 Curriculum Integration in the Elementary Grades	2	
(2 nd 8 weeks) F, S	TEEL 843 Advanced Science for Elementary Grades	2	
(16 weeks) F, S	TEEL 878 Supervised Practicum 1 (minimum of 80 clock hours- placement arranged by FHSU)	1	
	Semester 3 (8 credit hours)	Cr. Hrs.	Grade
(1 st 8 weeks) F, S	READ 853 Integrating Literacy Theory into Assessment & Practice	3	
(2 nd 8 weeks) F, S	TEEL 857 Advanced Literacy Assessment & Intervention	2	
F, S, U	TEEL 859 Advanced Diverse & Exceptional Learners	3	
	Semester 4 (1 credit hour)	Cr. Hrs.	Grade
(4 weeks) F, S	TEEL 868 Elementary School Curriculum (Placement in a K-6 classroom, which can be the candidate's current teaching assignment, if approved.)	1	
	TEEL 873 Problems in Education II (up to 4 credit hours) Students who use financial aid will take this course to meet the minimum hour requirement. This course is not required for program or licensure completion.		
*Eligible for K-6 licensure through Kansas State Department of Education after successful completion of the 27 hours above.			

**MSE Degree Completion Courses (9 hours)

Semester Offered	Courses	Cr. Hrs.	Grade
F, S, U	AEP 855 Educational Leadership	3	
F, S, U	AEP 858 Data Analysis and Assessment	3	
F, S, U	AEP 867 Instructional Design and Assessment	3	

**Students will be eligible for the MSE degree after successful completion of the 9 hours above and passing a comprehensive examination.

Master of Science in Education: Elementary Education (Transition to Teaching)

MASTERS OF SCIENCE IN EDUCATION
Elementary Education Transition to Teaching (ELED T2T)
(Leads to K-6 licensure for candidates who have a sponsoring/hiring district in Kansas)
Degree Requirements (36 hours)

ELED (K-6) Certification Courses (27 hours)

Semester Offered	Preliminary Semester¹ (10 credit hours)	Cr. Hrs.	Grade
(1 st 8 weeks) F, S	TEEL 836 Advanced Literacy for Primary Grades	2	
(2 nd 8 weeks) F, S	TEEL 837 Advanced Literacy and Social Studies for Inter. Grades	2	
(1 st 8 weeks) F, S	TEEL 842 Advanced Mathematics for Primary Grades	2	
(16 weeks) F, S	TEEL 860 Advanced Classroom Management	3	
(16 weeks) F, S	TEEL 870 Workshop in Education III: Mentoring Seminar / Internship	1	
¹ Eligible for LEAP licensure through KSDE after successful completion of the preliminary semester.			
	1st Semester Teaching (9 credit hours)		
(1 st 8 weeks) F, S	READ 853 Integrating Literacy Theory into Assessment & Practice	3	
(2 nd 8 weeks) F, S	TEEL 843 Advanced Math and Science for Intermediate Grades	2	
(16 weeks) F, S	TEEL 859 Advanced Diverse & Exceptional Learners	3	
(16 weeks) F, S	TEEL 871 Institute in Education III: Mentoring Seminar II	1	
	2nd Semester Teaching (6 credit hours)	Cr. Hrs.	Grade
(1 st 8 weeks) F, S	TEEL 857 Advanced Assessment & Intervention	2	
F, S, U	TEEL 858 Advanced Educational Foundation & Psychology	3	
(16 weeks) F, S	TEEL 872 Readings in Education III: Mentoring Seminar III	1	
	3rd Semester Teaching² (2 credit hours)		
(16 weeks) F, S	TEEL 876 Apprenticeship in Education II	1	
(16 weeks) F, S	TEEL 873 Problems in Education II: Mentoring Seminar IV	1	
² Eligible for initial license through KSDE after successful completion of the 27 hours above and licensure exams.			

The following courses, while not required for licensure, may be completed to fulfill the requirements for the MSE (Elementary Education) Degree, for a total of 36 credit hours (licensure and degree completion)

Semester Offered	MSE Courses³	Cr. Hrs.	Grade
F, S, U	AEP 803 Research Methods in Education	3	
F, S, U	AEP 858 Data Analysis and Assessment	3	
F, S, U	AEP 867 Instructional Design and Assessment	3	
³ Eligible for the MSE degree after successful completion of the 9 hours above and a comprehensive examination.			

Master of Science in Education: Elementary Education

Elementary Education (K-6) Traditional Certification (Leads to K-6 licensure for candidates who do not have a teaching job in Kansas) Degree Requirements (36 hours)

*ELED (K-6) Certification Courses (27 hours)

Semester Offered	Semester 1 (9 credit hours)	Cr. Hrs.	Grade
F, S, U	TEEL 820 Research Methods in Education	3	
F, S, U	TEEL 860 Advanced Classroom Management	3	
F, S, U	TEEL 858 Advanced Educational Foundation & Psychology	3	
	Semester 2 (9 credit hours)		
(1 st 8 weeks) F, S	TEEL 836 Advanced Literacy for Elementary Grades	2	
(1 st 8 weeks) F, S	TEEL 842 Advanced Mathematics for Elementary Grades	2	
(2 nd 8 weeks) F, S	TEEL 837 Curriculum Integration in the Elementary Grades	2	
(2 nd 8 weeks) F, S	TEEL 843 Advanced Science for Elementary Grades	2	
(16 weeks) F, S	TEEL 878 Supervised Practicum 1 (minimum of 80 clock hours—placement arranged by FHSU)	1	
	Semester 3 (8 credit hours)	Cr. Hrs.	Grade
(1 st 8 weeks) F, S	READ 853 853 Integrating Literacy Theory into Assessment & Practice	3	
(2 nd 8 weeks) F, S	TEEL 857 Advanced Literacy Assessment & Intervention	2	
F, S, U	TEEL 859 Advanced Diverse & Exceptional Learners	3	
	Before enrolling in Semester 4, students must successfully pass the ELED Praxis Exams		
	Semester 4 (1 credit hour)	Cr. Hrs.	Grade
(16 weeks) F, S	TEEL 876 Apprenticeship in Education II: Student Teaching (Placement in a K-6 classroom – this is an uncompensated, minimum of 40/hours/week requirement)	1	
F, S	TEEL 873 Problems in Education II (up to 4 credit hours) Students who use financial aid will take this course to meet the minimum hour requirement. This course is not required for program or licensure completion.		
*Eligible for K-6 licensure through Kansas State Department of Education after successful completion of the 27 hours above.			

**MSE Degree Completion Courses (9 hours)

Semester Offered	Courses	Cr. Hrs.	Grade
F, S, U	AEP 855 Educational Leadership	3	
F, S, U	AEP 858 Data Analysis and Assessment	3	
F, S, U	AEP 867 Instructional Design and Assessment	3	

**Students will be eligible for the MSE degree after successful completion of the 9 hours above and passing a comprehensive examination.

Minor in Special Education

*The Special Education Minor will lead to K-6 certification and must be taken with the Elementary Education degree. FHSU does not offer a K-12 or 7-12 Special Education option at the undergraduate level. Elementary Education / Special Education students who want to add 7-12 Special Education to their license will need to do so at the graduate level through the Advanced Education Programs Department after they have finished their initial program. Secondary education students at FHSU can only pursue Special Education (K-12) licensure at the graduate level, after having received their initial teaching license.

Minor Courses (Non-restricted) - 6 Credit Hours

Minor Courses (Restricted to program admits) - 12 Credit Hours

Student Teaching (Restricted to program admits) - 3 Credit Hours

TOTAL HOURS REQUIRED FOR MINOR - 21 Credit Hours

"Non-restricted" courses below are open to Teacher Education majors who have not yet been admitted to the Teacher Education program (some prerequisites apply). [Admission to Teacher Education](#) is a prerequisite for "Restricted" courses.

MINOR COURSES (Non-restricted)

- TESP 302 Educating Exceptional Students (3 Credit Hours)
- TESP 320 Programs, Procedures, & Issues in Special Education (3 Credit Hours)

MINOR COURSES (Restricted)

- TESP 330 Behavior Strategies & Support (3 Credit Hours)
- TESP 350 Assessment in Special Education (3 Credit Hours)
- TESP 370 Technology Applications in Special Education (2 Credit Hours)
- TESP 360 Principles of Instruction in Special Education & Clinical Immersion Birth-Grade 12 (4 Credit Hours)

STUDENT TEACHING (Restricted)

- TESP 465 Student Teaching Special Education (3 Credit Hours*)

*Completed as part of the 16-week student teaching experience, for a total of 12 credit hours.

- All program courses must be completed with a C or better

Course Listings –Teacher Education

Early Childhood Unified

Undergraduate Credit

321 The Young Child (2) A child growth and development course dealing with the physical, cognitive, social, emotional, language, and moral aspects of the child from birth up to the school-age years.

323 Emergent Literacy The purpose of this course is to offer opportunities to explore various perspectives of language acquisition and the development of literacy. The focus will be on exploring linguistic principles of literacy development that children birth through grade 3 require in order to become fluent in the areas of reading and writing. The students will examine how knowledge, theory, and research influence our understanding of language and literacy instruction. Prerequisite: Admission to Teacher Education.

336 Internship I: Infant/Toddler (1) The course is designed to provide early childhood education majors with an

observation and participation experience. Candidates are placed in an educational setting for children birth through age three. Field time is required. Pre-Requisite: Admission to Teacher Education, Co-Requisite: TEEC 340.

340 Creative Expressions in Early Childhood (3) Provide an overview and introduction into adapting early childhood curricula for special needs children Birth through Grade three particularly in subject areas of art, music, physical education and health. This course covers topics such as special education law, handicapping conditions, assessment, intervention strategies and adapting early childhood curricula to include the creative arts. Pre-Requisite: Admission to Teacher Education. Co-Requisite TEEC 336.

341 Internship II: Preschool (1) The course is designed to provide early childhood education majors with an observation and participation experience. Candidates are placed in an educational setting for children ages 3 through 5. Field time is required. Prerequisites: Admission to Teacher Education.

362 ECU Mathematics Methods PreK-Grade 3 (2) This course provides methods for teaching mathematics and the integration of mathematics into other content areas. The focus will be on theory, teaching strategies, and hands-on learning. A study of instructional methods, curricular design, and scope and sequence for the teaching and integrating of mathematics in the preschool and early elementary school settings will be included. An inquiry centered approach is inherent throughout the course to promote investigation and critical thinking on the part of pre-service teachers. Prerequisites: Admitted to Teacher Education program.

365 Curriculum in Early Childhood (3) Provide an overview and introduction into adapting early childhood curricula for children Birth through Grade three. Students will critique and develop curricula appropriate for meeting early childhood unified content and professional standards in the areas of social studies, science and mathematics. This course focuses on identification of inquiry strategies, assessments, selection of curricular materials, and research strategies that allow practicing teachers to look closely at their teaching and the nature of practice. Prerequisite: Admission to Teacher Education.

365 Curriculum in Early Childhood () Provide an overview and introduction into adapting early childhood curricula for children Birth through Grade three. Students will critique and develop curricula appropriate for meeting early childhood unified content and professional standards in the areas of social studies, science and mathematics. This course focuses on identification of inquiry strategies, assessments, selection of curricular materials, and research strategies that allow practicing teachers to look closely at their teaching and the nature of practice.

368 Child Care Management and Administration (3) The course deals with the management and operation of the childcare program. Concepts will deal with establishing a community base, licensing, financing, physical facility, operational guidelines, staffing, enrollment, parental involvement, food service, and other operational considerations. Prerequisites: admission to Teacher Education required.

376 Internship III: Kindergarten-Grade 3 (1) The course is designed to provide early childhood education majors with an observation and participation experience. Candidates are placed in an educational setting for children kindergarten through grade 3. Field time is required. Pre-Requisite: Admission to Teacher Education, Co-Requisite: TEEL 365.

465 Student Teaching Birth-Age 5 (6) This course is designed to relate theory to practice in a realistic setting. The student is placed in a situation to obtain experiences relating directly or indirectly to the areas being studied. Pre-Requisite: Admission to Student Teaching Co-Requisites: TEEC 466.

466 Student Teaching Kindergarten-Grade 3 (6) This course is designed to relate theory to practice in a realistic setting. The student is placed in a situation to obtain experiences relating directly or indirectly to the areas being studied. Pre-Requisite: Admission to Student Teaching Co-Requisites: TEEC 465.

Elementary Education

Undergraduate Credit

014 Reading and Study Skills for College Students (3) The course is designed to help college students improve their reading and study skills in the textbooks/materials currently being used in their coursework. Students completing this course will have 3 credit hours added to the minimum degree requirements.

202 Foundations of Education (3) An introductory course for students considering a career in professional education. Includes historical, philosophical, and sociological foundations, organization and finance, and teaching and learning.

230 Diverse Learners (3) A critical study of the multicultural environment in the American educational system with emphasis pertaining to the culturally diverse learners. The various areas of emphasis will include, yet will not be limited to, the issues of culture, ethnicity, religion, linguistics, and (disabilities. Through this course the candidate will be empowered to deal with diversity in the classroom.

231 Human Growth and Development (3) A study of the development of the individual over the total lifespan. Special attention is given to physical, social, sexual, emotional, intellectual, and linguistic development.

260 Children's Literature (3) This course is designed to provide knowledge of genre of literature, activities, and units that focus on literature, cultural awareness through literature, and the competence in selecting and evaluating books for children. Prerequisites: PERM.

273 Professional Practice & Observation () This field experience will provide the student an opportunity to obtain practical and focused observations in elementary school settings. Additional components of the course focus on time management, adjustment to university life, the role of a professional, and becoming a reflective observer.

276 Honors Internship I (1) A 40-hour field experience designed to introduce the pre-service candidate to the roles of educators, professional expectations, and beginning elements of sound teaching practice. Co-requisites: TEEL 279. Admission to Honors Classification required.

277 Early Field Experience (1-3) The course is designed to provide education majors with an observation and participation experience in an area of special interest. Candidates are placed in an educational setting relevant to their program. Pass/No Credit. Prerequisites: PERM.

278 Field Experience I (1-3) Field experience will provide the candidate with an opportunity to obtain practical experience in an area of interest.

279 Honors Seminar I (1) Critical analysis and discussion of classroom instructional practice as they pertain to theory, content knowledge and practice. Candidates will initiate

individual re- search projects under supervision of a professor in the Department of Teacher Education. Requisites: PR, Admission to Honors Classification Required; CO, TEEL 276.

280 Honors Internship II (1) A 40-hour field experience designed to introduce the pre-service teacher to beginning elements of sound teaching practice, in particular the integration of children's literature, and physical education. Requisites: PR, TEEL 276 and TEEL 279; CO, HHP 410, TEEL 260, TEEL 281.

281 Honors Seminar II (1) Critical analysis and discussion of classroom instructional practices as they pertain to theory, content knowledge and practice for the integration of children's literature, and physical education. Candidates will continue individual re- search projects under the supervision of a professor in the Department of Teacher Education. Requisite: PR, TEEL 278 and TEEL 279; CO, HHP 410, TEEL 260, TEEL 280.

282 Honors Internship III (1) A 40-hour field experience designed to introduce the pre-service teacher to beginning elements of sound teaching practice, in particular the integration of children's literature, music, and artistic expression. Good standing in Honors Program required. Requisite: PR, TEEL 280, TEEL 281; CO, ART 300, MUS 366, TEEL 283.

283 Honors Seminar III (1) Critical analysis and discussion of classroom instructional practices as they pertain to theory, content knowledge and practice for the integration of children's literature, music, and artistic expression. Interns will continue individual research projects under the supervision of a professor in the Department of Teacher Education. Requisite: PR, TEEL 280, TEEL 281; CO, TEEL 282. ART 300.

323 Children's Literature and Reading in Early Childhood (3) This course is designed to give the candidate a wide background in literature appropriate for use with children birth to 7. Pre-reading and early reading skills will be emphasized. Requisites: Admission to Teacher Education; TEEL 260.

340 Classroom Management (3) This class is designed for pre- service teachers who will learn to set up, plan, and implement effective teaching and discipline strategies to optimize students' on- task time. This course covers responsibility and accountability of teachers when running an effective classroom. The principles can be applied to all settings and all grade levels. Requisites: PR, TEEL 202 and TEEL 231.

350 Curriculum and Assessment (3) Curriculum design, implementation, and evaluation as well as action research strategies that support learning at elementary and middle school levels will be studied. Candidates will critique and develop curricula appropriate for meeting content and professional standards. Pre-requisites: Admittance to Teacher Education.

360 Mathematics Methods (3) This course provides methods for teaching mathematics and the integration of content from other disciplines. The focus will be on theory, teaching strategies, and hands-on learning. A study of instructional

methods, curricular design, and scope and sequence for the teaching of mathematics in K-6 settings will be included. An inquiry-centered approach is inherent throughout the course to promote investigation and critical thinking on the part of pre-service teachers. Requisites: PR, Admission to the Teacher Education Program, MATH 180; CO, TEEL 377.

361 Elementary School Science Methods (3) This course provides methods for teaching science and the integration of content from other disciplines. The focus will be on theory, teaching strategies, and hands-on learning. A study of instructional methods, curricular design, and scope and sequence for the teaching and integrating of science in elementary and middle school settings will be included. An inquiry-centered approach is inherent throughout the course to promote investigation and critical thinking on the part of pre-service teachers. Requisites: PR, Admission to Teacher Education; CO, TEEL 479.

363 Social Studies Methods (3) The course presents basic principles, procedures, and instructional practices as a process in teaching social studies in the elementary school. Requisite; PR, Admission to the Teacher Education Program; CO, TEEL 478.

364 Language Arts in Elementary School (3) Study of language acquisition, methods, and materials of teaching communication skills.

365 Science of Reading I (4) This course will encompass the acquisition of language and the development of reading. The focus will be on theory, strategies, methods, and materials. Requisites; PR, Admission to Teacher Education required.; CO, TEEC 376 and TEEL 378.

377 Mathematics Internship (1) Opportunity for students to obtain experience in the instruction of teaching mathematics under the supervision of the Education faculty. Requisites; PR, Ad- mission to the Teacher Education Program, and field experience is required. Co, TEEL 360.

378 Science of Reading I Internship (1) Opportunity for students to obtain experience in instruction in the teaching and assessment of reading and language arts with the integration of technology under the supervision of education faculty. Field time is required. Requisites: PR, Admitted to Teacher Education program; CO, TEEL 365.

380 Honors Internship IV (1) Opportunity for students to obtain experience in instruction in the teaching and assessment of social studies, management of a classroom, and making adjustments for individual student needs under the supervision of the education faculty. Forty hours of fieldwork is required. Requisites: PR, Admission to the Teacher Education program, TEEL 282, TEEL 283; CO, TEEL 363 and TEEL 381.

381 Honors Seminar IV (1) Critical analysis and discussion of classroom instructional practices as they pertain to theory, content knowledge and practice to teaching and assessment of social studies, management of a classroom, and making adjustments for individual student needs. Candidate will

write the first of two chapters of an individual research project under the supervision of a professor in the Department of Teacher Education per previously arranged contract. Admission to Teacher Education and good standing in Honors Program is required. Requisites: PR, Admission to Teacher Education program.

382 Honors Internship V (1) Opportunity for students to obtain experience in instruction in the teaching and assessment of reading and language arts with the integration of technology under the supervision of the Education faculty. Forty hours of fieldwork is required. Requisites: PR, TEEL 380, TEEL 381, Admission to the Teacher Education Program; CO, TEEL 365, TEEL 383.

383 Honors Seminar V (1) Critical analysis and discussion of classroom instructional practices as they pertain to theory, content knowledge and practice to teaching and assessment of reading and language arts with the integration of technology. Students will write the first of two chapters of an individual research project under the supervision of a professor in the Department of Teacher Education per previously arranged contract. Requisites: PR, Admission to Teacher Education Program required. TEEL 380, TEEL 381, CO, TEEL 365 and TEEL 382.

431 Educational Psychology (3) A study of the psychology of learning, individual differences, and measurement, with emphasis on individual learning. Requisites: Admission to Teacher Education required.

470 Workshop in Education I (1-3) The workshop is designed for intensive study of an educational topic or problem.

471 Institute in Education I (1-9) The institute is designed to provide preparation for teachers and administrators in a specialized area.

472 Readings in Education I (1-3) Directed professional reading according to the needs of the individual. Requisites: PR, PERM.

476 Apprenticeship in Education I (1-3) Opportunity for Candidates to obtain experience in instruction under the supervision of the education faculty. Requisites: PERM.

478 Social Studies Internship (1) Opportunity for students to obtain experience in the instruction of teaching social studies under the supervision of the Education faculty. Field time is required. Requisites: PR, Admission to the Teacher Education Program CO, TEEL 363.

479 Science Internship (1) To provide an opportunity for candidates to obtain experience in instruction in the teaching and assessment of science under the supervision of Education faculty. Field time is required. Requisites: PR, Admission to Teacher Education Program; CO, TEEL 361.

480 Correction of Reading Disabilities Internship (1) This internship must be taken in conjunction with TEEL 481

Correction of Reading Disabilities. Requisites: PR, Admission to Teacher Education; Co-requisite, TEEL 481.

481 Science of Reading II (4) Focuses on application of word recognition and comprehension skills and related aspects of reading instruction by tutoring, under supervision, a child with reading deficiencies. Lecture involves learning correlates of reading problems and diagnostic techniques. Students will complete 16 hours of internship time with elementary students as part of this course. Requisite; PR, Admission to the Teacher Education Program. Complete 16 hours of internship time with elementary students required. TEEL 365 and TEEL 378.

482 Honors Internship VI (1) Opportunity for students to obtain experience in instruction in the teaching and assessment of mathematics and science under the supervision of the Education faculty. Forty hours of field time is required for this experience. Admission to Teacher Education is required. Good standing in Honors Program is required. Requisites: PR, Admission to the Teacher Education Program; CO, TEEL 483 and TEEL 362.

483 Honors Seminar VI (1) Critical analysis and discussion of classroom instructional practices as they pertain to theory, content knowledge and practice of teaching mathematics and science. Students will complete the writing and field assessment of an individual research project under the supervision of a professor in the Department of Teacher Education and submit a presentation proposal to a state or national conference. Admission to Teacher Education and good standing in Honors Program are required. Pre-requisites: TEEL 382 and TEEL 383. Co-requisites: TEEL 362 and TEEL 482.

490 Honors Thesis Presentation (1) Presentation of the honors thesis will be made to Honors Seminar 5 and 6 classes and prepared for presentation at a state or national conference and for publication in an educational journal. Admission to Teacher Education and good standing in Honors Program is required. Requisite: PR, Admission to the Teacher Education Program, TEEL 482 and TEEL 483; CO, TEEL 495 and TEEL 496.

493 The Middle School I (3) A study of the development of the middle school, its purposes, programs, services, organization, and administration.

496 Student Teaching Elementary (3-13) Admission by application submitted to the education department office. Supervised teaching experience is provided in approved elementary schools. Student teaching in: (1) elementary school; (2) elementary school art; (3) elementary school music; (4) elementary school physical education; and (5) early childhood and preschool. Requisites: PR, Admission to Student Teaching required.

Undergraduate/Graduate Credit

571 Institute in Education () The institute is designed to provide preparation for teachers and administrators in a specialized area.

576 Apprenticeship in Education () Opportunity for students to obtain experience in instruction under supervision of the graduate faculty.

602 Multicultural Study Travel + (1-9) Significant contributions of specific cultures are studied with emphasis on their institutions, history, traditions, and customs.

607 Education Conference + (1-9) The educational conference is designed to explore educational topics of continuing and current interest to teachers and school-service personnel. Credit varies with the depth and breadth of coverage of the topics.

625 Methods and Materials for Early Childhood Education

(2) An exploration of significant curriculum models emphasizing specific instructional methodologies and various learning materials pertinent to the different levels of early childhood education. The course will involve the development of selected instructional activity resources. Requisites: admission to Teacher Education re- quired.

627 Parent, School, Community (3) This course is designed to provide teachers with the skills needed to enlist and coordinate participation and involvement of parents and community as partners with the school. Requisites: PR, Admission to Teacher Education.

670 Workshop in Education II + (1-3) A workshop is designed for intensive study of an educational topic or problem.

672 Readings in Education II + (1-3) Directed professional reading according to the needs of the individual. Requisites: PERM.

673 Problems in Education I + (1-4) A critical study of selected problems relating to the educational area under consideration. Requisites: PERM.

674 Institute in Education II (1-9) The institute is designed to provide preparation for teachers and administrators in specialized areas.

675 Seminar in Education I + (1-4) A critical study of selected problems relating to the education area under consideration.

678 Field Experience II + (1-3) Provides the candidate an opportunity to obtain practical experience in an area of interest. The candidate will be under the supervision of a selected practitioner.

679 Practicum in Education I + (1-8) This course is designed to relate theory to practice in a realistic fashion. The candidate is placed in a situation to obtain experience relating directly or indirectly to the area being studied. Requisites: PR, Admission to Teacher Education Program, submission of practicum application, admission to practicum, PERM.

680 Correction of Reading Disabilities Internship II (1) This internship must be taken in conjunction with TEEL 681 Correction of Reading Disabilities Internship I. Requisites: co-requisite, TEEL 681.

681 Correction of Reading Disabilities II # (3) Focuses on application of word recognition and comprehension skills and related aspects of reading instruction by tutoring, under supervision, a child with reading deficiencies. The lecture involves learning correlates of reading problems and diagnostic techniques. Requisites: Permission by instructor, co-requisites, TEEL 680.

Graduate Credit

778 Field Experience () Provides the student an opportunity to obtain practical experience in an area of interest. The student will be under the supervision of a selected practitioner.

820 Research Methods in Education () This course provides current and future educators the opportunity to analyze, critique and conduct graduate-level research by utilizing techniques that are pertinent and specific to the field of education. Particular emphasis will be placed on the following approaches: qualitative, quantitative, mixed-methods and action research. In addition, students will learn how to consume and conduct research to inform and improve their professional practice within the classroom and at the building or district levels.

836 Advanced Literacy for Primary Grades () This course will encompass the acquisition of language and the development of reading. The focus will be on theory, strategies, methods, and materials. PR: Require students to have successfully admitted into the MSE/ELED or MSE/ELED Transition to Teaching Programs.

837 Advanced Literacy and Social Studies for Intermediate Grades () This course is intended to give students an opportunity to examine a variety of theoretical and pedagogical issues in literacy of the child with the integration of social studies at the intermediate grade level. PR: Require students to have successfully admitted into the MSE/ELED or MSE/ELED Transition to Teaching Programs.

842 Advanced Mathematics for Primary Grades () This course is Part 1 of a two-course sequence in elementary mathematics teaching methods. This sequence is designed to examine a variety of approaches to teaching (mathematics for primary grades): factors related to instructional planning, instructional models and strategies, matching children with instructional techniques and approaches, including instructional components related to multiculturalism. The course is intended to provide the elementary teacher with teaching expertise needed to meet the diversity among the populations in today's classrooms. PR: Require students to have successfully admitted into the MSE/ELED or MSE/ELED Transition to Teaching Programs.

843 Advanced Mathematics and Science for Intermediate Grades () This course is Part 2 of a two-

course sequence in elementary mathematics teaching methods. This sequence is designed to examine a variety of approaches to teaching (mathematics for intermediate grades): factors related to instructional planning, instructional models and strategies, matching children with instructional techniques and approaches, including instructional components related to multiculturalism. The course is intended to provide the elementary teacher with teaching expertise needed to meet the diversity among the populations in today's classrooms. PR: Require students to have successfully admitted into the MSE/ELED or MSE/ELED Transition to Teaching Programs.

857 Advanced Assessment and Interventions (3) This course focuses on application of word recognition and comprehension skills and related aspects of reading instruction by tutoring, under supervision, a child with reading difficulties. This class involves learning to locate literacy difficulties through assessments and designing appropriate intervention strategies. PR: Require students to have successfully admitted into the MSE/ELED or MSE/ELED Transition to Teaching Programs.

858 Advanced Educational Foundations and Educational Psychology (3) This course explores the educational implications and applications of research on child development, cognitive science, learning, motivation, teaching and assessment and how it can be applied to intervene and address the everyday problems within the field of education. PR: Require students to have successfully admitted into the MSE/ELED or MSE/ELED Transition to Teaching Programs.

859 Advanced Diverse and Exceptional Learners (3) This course explores practices to support the education of all students. The focus is on inclusive practices: instructional approaches that emphasize teaching students effectively in the academic, social, and behavior domains. The emphasis is on reality-based techniques that can be implemented for students with a range of special needs and students from diverse backgrounds, and that are consistent with today's instructional expectations and the knowledge base of effective practices. PR: Require students to have successfully admitted into the MSE/ELED or MSE/ELED Transition to Teaching Programs.

860 Advanced Classroom Management (3) This class is designed for pre-service and in-service teachers at the graduate level who will learn to set up, plan, and implement effective teaching and discipline strategies to optimize students' on-task time. This course covers responsibility and accountability of teachers when running an effective classroom. The principles can be applied to all settings and all grade levels.

865 Teaching Reading Skills (3) Designed to provide an understanding of reading instruction. Emphasis is placed upon developing various word recognition or decoding skills and comprehension within a whole language perspective.

866 Instructional Models and Teaching Strategies (2) This course examines a variety of approaches to teaching: factors related to instructional planning, instructional models and strategies, matching children with instructional techniques and approaches, including instructional components related to multiculturalism. The course is intended to provide the elementary teacher with teaching expertise needed to meet the diversity among the populations in today's classrooms. Requisites: PR, GRAD standing.

868 Elementary School Curriculum (2-3) The course includes a consideration of influences that affect elementary school curriculum, alternative types of curricular organization, and a study of the current trends and issues in the content areas of elementary schools. Requisite: PR, GRAD standing

870 Workshop in Education III + (1-3) A graduate-level workshop designed for intensive study of an educational topic or problem. Requisite: PR, GRAD standing.

871 Institute in Education III (1-9) The institute is designed to provide preparation for teachers and administrators in a specialized area. Requisite: PR, GRAD standing.

872 Readings in Education III + (1-3) Directed professional reading according to the needs of the individual. Requisites: PERM and GRAD standing.

873 Problems in Education II + (1-4) Independent study of an educational problem. Requisites: PERM and GRAD standing.

874 Independent Improvement of Teaching (1-3) Opportunities for students who have graduated to obtain additional competencies. Requisites: PERM and GRAD standing.

876 Apprenticeship in Education II + (1-3) Opportunity for graduate-level students to obtain experience in instruction under the supervision of the graduate faculty. Requisite: PR, GRAD standing.

878 Field Experience III + (1-3) Provides the student an opportunity to obtain practical experience in an area of interest. The student will be under the supervision of a selected practitioner. Requisite: PR, GRAD standing.

893 The Middle School II (3) A study of the development of the middle school, its purposes, programs, services, organization, and administration. Requisite: PR, GRAD standing.

899 Thesis (1-6) Individual study of a selected problem relating to education.

ESOL

Undergraduate Credit

480 Introduction to ESOL Assessment (3) The purpose of this course is to develop teacher candidate understanding of ESOL assessments and assessment practices used to place, teach, follow, and exit ESOL students through P-12 education. Formal and alternative assessment instruments will be analyzed. Testing bias will be examined. Teachers will become aware of assessment measures used at the district, school, and classroom level. They will have the opportunity to develop alternative methods of evaluation to more closely understand the language levels of their students. Requisite: PR, TEEL 365, TEEL 378, and admission to the Teacher Education Program.

481 Introduction to ESOL Methods and Materials (3) The purpose of this course is to introduce teacher education candidates to contemporary methods and materials used in the teaching of ESOL at the P-12 levels. The course will introduce the methods and materials used in teaching English to non-native speakers with limited or nonexistent English proficiency. Emphasis will be placed on the preparation of activities, materials, and evaluation techniques for future classroom use. Requisite: PR, TEEL 365, TEEL 378, and admission to teacher education.

482 ESOL Linguistics (3) Linguistics is intended to prepare teaching candidates desiring the P-12 ESOL endorsement with a background in the structure and function of language. This course will provide the theoretical underpinnings that allow candidates to better plan curriculum for their students. Candidates will be able to determine which elements of English may be most problematic for their students, the ways in which languages may differ, and what are the universal characteristics of language. This course combines aspects of applied linguistics, psychology, and second language acquisitions, as well as second language pedagogy, for increased instructional competency with second language learners. Requisite: PR, TESL 480, TESL 481, and admission to student teaching. **496**

496 ESOL Student Teaching (3) This course is designed to re-late theory to practice in a realistic setting. The candidate is placed in a situation to obtain experiences relating directly or indirectly to the areas being studied. The equivalent of twenty days (120 hours) in a setting that includes a minimum is required for this experience. Pre-requisite: admission to student teaching.

Special Education Minor

302 Educating Students with Exceptionalities (3) This course explores the historical and philosophical foundations of general, special, and inclusive education; the development and characteristics of all learners including those with disabilities; the impacts of individual differences on education; and the legal parameters appropriate for each learner's educational needs. Requisites: PR, TEEL 231.

320 Programs, Procedures & Issues in Special Education (3) This course provides the candidate with information on special education programming including legal and ethical perspectives; pre-referral; placement; individual education program plans; parent conferencing, and colleague consultation and collaboration. Requisites: PR, TESP 302.

330 Behavior Strategies and Support (3) This course provides the candidate with the following aspects of behavior strategies and management; introduction to behavior systems. Measurement of behavior and behavior change; procedures for establishing new behavior; strategies for increasing desirable behavior and decreasing undesirable behavior; and special considerations for application of behavioral principles in the schools. Requisites: PR, TESP 302. Admittance to the Teacher Education Program.

350 Assessment in Special Education (3) This course provides information on technical aspects of assessment; practice with testing; and information on interpretation of test results of commonly used instruments. This course also explores the use of alternative assessment procedures. It is recommended that candidates complete a statistics course prior to taking this course. Requisites: PR, TESP 302, TEEL 231. Admittance to the Teacher Education Program.

360 Principles of Instruction in Special Education and Clinical Immersion Birth-Grade 6 (3) This course emphasizes the practices and procedures useful in teaching students with high incidence disabilities in settings ranging from the resource room to the inclusive regular education setting. Teacher candidates demonstrate that they can synthesize and apply the knowledge obtained in the university classroom to actual practice during a field-based internship under the supervision of Education faculty.

370 Technology Applications in Special Education (3) This course provides for the study of the use of technology in the school, home and the community. Emphasis is placed on applications of technology systems and devices that are productive for candidates with exceptionalities. Requisites: PR, TESP 302. Admittance to Teacher Education program required.

465 Student Teaching: Special Education (3) This course provides a supervised teaching experience designed to assist prospective special education teachers in the development of skills in: managing classroom learning environments, implementing instruction, employment issues, and diversity issues. Requisites: PR, Admission to Student Teaching and .PERM.

Secondary Studies

Undergraduate Credit

099 Principles of Learning & Teaching (PLT) Exam (0) Principles of learning & teaching is a national exam that measures students' pedagogical knowledge at three grade levels (K-6, 5-9, and 7-12).

406 Science Teaching Methods (0) An introduction to secondary and middle school science teaching methods. The course provides opportunities for designing units and teaching lessons across science disciplines. Topics include learning theories and styles, teaching strategies, topics in science education research, student assessment, instructional

technologies, standard-based instruction, and teaching students with special needs (the handicapped and the gifted).

485 Reading and Comprehension of Text (2) Study of reading and problem solving from text. Emphases will be on vocabulary importance and instruction; comprehension instruction, especially critical reading skills; and textbook evaluation.

494 The Secondary School Experience (4) This course is a comprehensive overview of teaching skills and literacy strategies common to all content areas in secondary education. It is also a review and update of effective school principles, integration and instruction for special needs students, legal issues, assessment and the use of technology in the secondary classroom. In addition, this course includes a two-hour per week clinical experience in a secondary school. This course shall be taken in the semester prior to Student Teaching. Prerequisites: Admission to Teacher Education, Senior standing.

495 The Secondary School (4) The selection and application of appropriate procedures, methods, techniques, and devices of teaching. Requisites: PR, TEEL 202, TEEL 231.

496 Student Teaching Secondary (6-12) Admission by application. Supervised teaching experience is provided in approved accredited secondary schools. Directed teaching in 1) secondary school [12 hrs.]; 2) secondary school art [6 hrs.]; 3) secondary school music [6 hrs.]; 4) secondary school physical education [6 hrs.]; or 5) secondary school [6 hrs.]. Prerequisites: admission to Student Teaching.

Undergraduate/Graduate Credit

678 Field Experience II + (1-3) Provides the candidate an opportunity to obtain practical experience in an area of interest. The candidate will be under the supervision of a selected practitioner.

Graduate Credit

806 Science Teaching Methods () An introduction to secondary and middle school science teaching methods. The course provides opportunities for designing units and teaching lessons across science disciplines. Topics include learning theories and styles, teaching strategies, topics in science education research, student assessment, instructional technologies, standard-based instruction, and teaching students with special needs (the handicapped and the gifted).

822 The Effective Teacher () This course provides an in-depth analysis of the various factors that contribute to an effective teacher. Students will analyze and evaluate relevant research and national teaching standards to better understand and apply the principles of effecting teaching.

College of Health and Behavioral Sciences

The College of Health and Behavioral Sciences is home to challenging and exciting degree programs in the fields of allied health, communication health and human performance, nursing, psychology and social work

Serving over 2000 undergraduate and graduate students, our departments offer programs that prepare students for careers in some of the fastest-growing occupations in the United States.

With comprehensive and demanding curricula, and a reputation for innovation and excellence in teaching, programs prepare graduates to excel in their chosen field. In addition to discipline specific coursework, students have many opportunities to gain experience and knowledge through research projects, field trips, service-learning activities, teaching apprenticeships, internships, and student exchange.

Students graduate with a wealth of knowledge and genuine ability in their fields. They develop skills that prepare them to be practitioners, scientists, health care providers, educators, managers, and policy makers destined for key roles in the health and life sciences.

Please explore the departmental web sites for more detailed information regarding the outstanding academic programs in the College of Health and Behavioral Sciences

We invite faculty, students, alumni, future students, and friends to follow us on Facebook, where we provide news, share accomplishments, and update followers on the activities of the college.

Department of Allied Health

Imaging technologists operate sophisticated equipment to assist physicians diagnose and treat patients with a wide range of health problems. As highly skilled employees in a dynamic and growing field, imaging technologists often work in multiple specialty areas—radiologic technology, computed tomography, magnetic resonance imaging, sonography, cardiovascular-interventional technology, bone densitometry, and mammography.

As a student in the Allied Health Department, you are given unique and innovating learning opportunities from the moment you come to campus.

- Discover the perfect combination of theory and hands-on experience in all the leading modalities of diagnostic imaging, preparing you to be successful in a variety of environments
- Have access to state-of-the-art facilities in labs to practice your skills
- Gain extensive hands-on experience through a year-long clinical program that is coupled with online classes to reinforce what you learn at your clinical experience
- Learn with a diverse group of students from all over the region, since FHSU offers the only BS in Medical Diagnostic Imaging in the state
- Complete your studies as part of a small, close-knit group of students who support one another throughout the program
- Work closely with faculty who provide you personalized academic and career advising
- Find a job upon graduation, as employers actively seek out our graduates

The FHSU imaging programs will prepare you for a successful experience after college, demonstrated by a nearly 100% pass rate on national certification exams within Allied Health majors.

Program Goals

The mission of the program is assessed by the degree to which the program achieves the following goals:

To provide communities with entry level radiographers skilled in diagnostic imaging procedures.

To facilitate development of critical thinking, problem solving, technical competency, radiation safety, and effective communication skills.

To provide an environment which encourages professional and personal growth.

To enhance the quality of patient care provided to diverse populations.

Program Objectives

Upon completion of the Radiologic Technology Program, the student should be able to:

Apply the knowledge of imaging principles and concepts to evaluate and produce diagnostic radiographs.

Apply the knowledge acquired in the biological, physical, and behavioral sciences, math and liberal arts in the practice of radiological science.

Provide quality patient care and education based on knowledge and empathy gained through clinical and classroom experiences.

Utilize problem-solving, critical thinking, and communication skills to function within a highly technical work environment.

Practice within the profession's legal and ethical boundaries.

Perform a full range of radiologic procedures as an entry-level radiographer.

Program Benchmarks

Ninety percent of student course evaluations will indicate they are satisfied with the overall instruction.

Ninety percent of employers surveys returned will rank FHSU graduates better than graduates from similar programs.

Ninety percent of graduates surveys returned will indicate high quality instruction.

Graduates will have a 78 percent or better on all clinical affective evaluations.

Maintain a 95 percent pass rate on the first ARRT examination per class.

Maintain a 95 percent job placement within six months of graduation for those seeking employment.

Maintain an 80 percent graduation rate.

Returned Graduate Surveys will indicate 90 percent have critical thinking and problem solving skills.

Returned Graduate Surveys will indicate 90 percent practice radiation safety.

Returned Employer Surveys will indicate 90 percent of graduates will have the ability to communicate and interact with patients.

Returned Employer Surveys will indicate 90 percent of graduates continue their professional and personal development.

Ten percent of graduates will continue into more advanced level programs.

Returned Employer Surveys will indicate 90 percent of graduates have the ability to provide care for diverse patient populations.

Admission Criteria

Students must submit a complete Radiologic Technology Program application form. To complete the application, students are required to provide the following packet of information: 1) all college transcripts, including FHSU, 2) ACT scores if available, and 3) high school transcripts if you are under 21 and/or if you are not a transfer student. In order to be considered for the next class starting in the summer semester, we must receive your complete application before February 1.

Students seriously considering the program are strongly encouraged to arrange a visit to a radiology department. We recommend that you spend several hours observing the activities of the department so that you are better informed of the responsibilities you will gradually assume during your radiography training. Although a clinical visit is not required, preference will be given to students with an understanding of radiologic technology.

Students preparing for admission into the Radiologic Technology Program must complete the list of pre-radiologic technology courses before they will be allowed to begin the program. These courses can be taken at FHSU or at any college as long as they are considered transferable equivalent credits by the FHSU Registrar. A letter grade of a 'C' or better is required for all pre-radiologic technology courses. Students are also required to have a cumulative GPA of 2.75 or better on a 4.0 scale.

Before February 15th, the complete applications will be thoroughly reviewed by the campus radiologic technology faculty. Based on the application materials submitted, approximately 50-55 of the most qualified applicants will be invited for an interview with the Program Selection Committee comprised of FHSU faculty and clinicians. Prior to the interview, students will be asked to make a prioritized list of the acceptable clinical sites for their clinical experience from the following locations: Garden City, Great Bend, Hays, Kansas City, Liberal, Olathe, Salina, Abilene, and Sterling. Students may choose to list only one or more of the clinical sites but should be aware that limiting the acceptable clinical sites decreases their chances of being accepted into the program. During the selection process, the program tries to match the student with the clinical site, and if accepted into the program, the student will be assigned to a clinical site for the duration of the program.

During the interview which lasts approximately 15 minutes, the Selection Committee will ask a series of questions to assess the following:

- How well does the candidate understand the field of radiologic technology?
- How well will the candidate be able to interact with patients and staff?
- Are there any reasons why the candidate would not be able to successfully complete the program?

In the two weeks following the interview, candidates will be notified in writing whether or not they were accepted into the program.

Students must be accepted into Fort Hays State University.

NOTE: Before beginning the program, students must complete a background check as required by affiliated clinical education sites. Also, students that have been convicted of a felony or misdemeanor may have violated the American Registry of Radiologic Technologists (ARRT) Rules of Ethics and may be considered ineligible to sit for board examinations. Individuals may submit a pre-application form to the ARRT (651-687-0048) at any time either before or after entry into an approved educational program.

Associate of Science: Radiologic Technology

Mission/Philosophy

The Radiologic Technology Program strives to graduate students who are qualified in the use of ionizing radiation. In preparation for the American Registry of Radiologic Technologist Examination, students learn academic theory on campus and then apply their knowledge of radiographic procedures in the affiliate clinical education centers. To help meet the increasing demands of health care, the department strives to recruit and educate students to perform a vital role as allied health professionals within communities. Program graduates will have technical and communication skills, understanding and empathy for all patient populations, and a realization of the importance and responsibility to life-long learning within an advancing profession. By fulfilling its mission, the Radiologic Technology Program improves the quality of medical care provided throughout the region.

PROGRAM GOALS

Upon completion of the Associate of Science degree in Radiologic Technology, FHSU graduates will:

Students will be clinically competent.

Outcome 1 Students will recall positioning procedures.

Outcome 2 Students will provide patient care.

Students will demonstrate communication skills.

Outcome 1 Students will communicate effectively with diverse populations.

Outcome 2 Students will demonstrate both written and oral communication skills.

Students will develop critical thinking.

Outcome 1 Students will adapt standard procedures to non-routine patients.

Outcome 2 Students will critique images to determine diagnostic quality.

[Radiologic Technology Program Effectiveness Data](#)

Program Application

The Radiologic Technology program accepts student applications and materials for program admission by January 31 each year. With successful completion of the program, the student is eligible for the national Radiography certification exam by the American Registry of Radiologic Technologists (ARRT).

To be eligible to apply for the R.T. program, the student must possess a minimum of a cumulative 2.75 college GPA and successful completion of program prerequisite courses with an earned grade of “C” or higher. Students may meet prerequisite completion by showing concurrent registration in those courses in the semester they apply.

Download more information relative to the program layout, prerequisites, and application requirements. – **[Radiologic Technology Program Brochure & Application](#)**

After submission of the application materials by the deadline, the most qualified students will interview for a position within the program. Each interviewee has a 15-minute interview with the R.T. Faculty Advisory Committee. **[Interview Score Card](#)** Students are notified of their acceptance by mid to late March and will begin the program curriculum sequence in June. The number of students admitted into this program is restricted by the availability of clinical experiences at clinical affiliate hospitals across the state of Kansas and Colorado.

Program Acceptance

Once a student is accepted into the program, the student falls into a curriculum sequence of radiologic science courses followed by clinical experience. Students will complete 3 semesters of on-campus (didactic) coursework to prepare the student for clinical rotation that takes place during the second year, last 3 semesters, of the program.

Clinical Assignment

When the student accepts their position in the program, they must review and agree to the terms outlined in the Student Acknowledge of Clinical Internship. Students will be notified of clinical placement after successful completion of the first summer semester. Most students will relocate for clinical experiences. Clinical experience requires the students to work 38 hours a week in the second year of the program. Shifts will include rotations in different patient areas to interface the student with a variety of radiographic examinations. Shifts are primarily day shifts, but will include evening off-shifts on occasion. Overnight and weekend shifts are not scheduled. Students work an 8.5-hour day alongside registered technologists fulfilling the clinical objectives established by the program. Students are responsible for finding transportation and housing on their own.

Clinical affiliates include:

- Abilene, Kansas
- Colby, Kansas
- Dodge City, Kansas
- Garden City, Kansas
- Great Bend, Kansas
- Hays, Kansas
- Kansas City, Kansas
- Liberal, Kansas
- Ottawa, Kansas
- Olathe, Kansas
- Paola, Kansas
- Salina, Kansas
- Sterling, Colorado
- Wichita, Kansas

Prior to attending clinical experience, students will be expected to complete the following: Background Check, Drug Screening, Health Assessment with Immunization history, TB skin test, CPR certification, and various other safety trainings relative to MRI scanners, HIPAA, and OSHA. Students are responsible for associated costs. Estimations of these program costs can be located within the R.T. Program Brochure.

Students must have proof of health insurance and liability insurance to advance to clinical rotation. Students are responsible for these associated costs. Estimations of these program costs can be located within the R.T. Program Brochure.

Curriculum

Specified Program Prerequisites

*These courses must have an earned “C” or higher final course grade for R.T. program application.

BIOL 100 Human Biology (3 credit hours)
BIOL 102 Human Biology Lab Experiences (1 credit hour)
BIOL 230 Anatomy and Physiology I (3 credit hours)
BIOL 230L Anatomy and Physiology I Laboratory (1 credit hour)
BIOL 231 Anatomy and Physiology II (3 credit hours)
BIOL 231L Anatomy and Physiology II Laboratory (1 credit hour)
BIOL 245 Medical Terminology (2 credit hours)
COMM 100 Fundamentals of Oral Communication (3 credit hours)
ENG 101 English Composition I (3 credit hours)
ENG 102 English Composition II (3 credit hours)
MATH 110 College Algebra (3 credit hours)

Total Pre-requisite Requirements: 26 Credit Hours

Department/Major Requirements

Semester I - Summer

RAD 260 Orientation to Radiologic Techniques (1 credit hour)
RAD 262 Radiographic Procedures I (2 credit hours)
RAD 262L Radiographic Procedures I Laboratory (1 credit hour)
RAD 265 Patient Care in Medical Imaging I (1 credit hour)
RAD 363 Principles of Radiographic Exposure (1 credit hour)

Semester I Total Hours: 6

Semester II - Fall

RAD 263 Radiographic Procedures II (3 credit hours)
RAD 263L Radiographic Procedures II Laboratory (2 credit hours)
RAD 266 Patient Care in Medical Imaging II (1 credit hour)
RAD 364 Principles of Radiographic Exposure II (2 credit hours)
RAD 365 Special Procedures in Radiology (1 credit hour) *1st 8 weeks
RAD 373 Radiologic Pathology (1 credit hour) *2nd 8 weeks

Semester II Total Hours: 10

Semester III - Spring

RAD 261 Radiologic Safety (1 credit hour) *1st 8 weeks
RAD 300 Radiation Biology (1 credit hour) *2nd 8 weeks
RAD 372 Biophysics (2 credit hours)
RAD 264 Radiographic Procedures III (2 credit hours)
RAD 264L Radiographic Procedures III Laboratory (2 credit hours)
RAD 368 Seminar in Radiology (1 credit hour) *2nd 8 weeks

Semester III Total Hours: 9

Semester IV - Summer

RAD 330 Clinical Experience (4 credit hours)
RAD 340 Advanced Radiology Seminar I (2 credit hours)

Semester IV Total Hours: 6

Semester V - Fall

RAD 331 Clinical Experience (6 credit hours)
RAD 341 Advanced Radiology Seminar II (2 credit hours)

Semester V Total Hours: 8

Semester VI - Spring

RAD 332 Clinical Experience (6 credit hours)
RAD 342 Advanced Radiology Seminar III (2 credit hours)

Semester VI Total Hours: 8

Program Completion

The Associate of Science in Radiologic Technology requires the curriculum completion of:

Total Prerequisite Credits - 26

R.T. Program Major Credits - 47

Other General Education Credits - 18

Total Hours Required for a A.S. Degree: 91 Credit Hours

Bachelor of Science: Medical Diagnostic Imaging

Increased technology has prompted many hospitals to seek to employ RTs who have been trained in two or more skilled areas. This program provides you the opportunity to pursue cross-training in various areas of advanced imaging. During different times of the year, you may be able to attend course sequences in modalities such as computed tomography (CT), ultrasound (US), cardiovascular-interventional technology (CVIT), mammography (M), magnetic resonance imaging (MRI), or bone densitometry (BD). This degree is also available online.

Curriculum

The B.S. in Medical Diagnostic Imaging requires a minimum of 120 Credit Hours for graduation, including:

University General Education Requirements: 34 Credit Hours

Cognate courses: 10 Credit Hours

Medical Diagnostic Imaging Core Courses: 30 Credit Hours

Free Electives: 46 Credit Hours

Department Cognate Courses (required): 10 Credit Hours

- BIOL 230 Anatomy and Physiology I (3 Credit Hours)
- BIOL 230L Anatomy and Physiology I Laboratory (1 Credit Hour)
- BIOL 231 Anatomy and Physiology II (3 Credit Hours)
- BIOL 231L Anatomy and Physiology II Laboratory (1 Credit Hour)
- BIOL 245 Medical Terminology (2 Credit Hours)

General Education Courses: 34 Credit Hours

****In addition to the prerequisite courses, all students must complete the KBOR General Education Program.**

<https://www.fhsu.edu/general-education/general-education/fhsu-kbor-general-education-framework.pdf>

Department/Major Requirements

30 Credit Hours

Select a minimum of 30 Credit Hours from the following:

- MDI 410VA Cross Sectional Anatomy: Normal (4 Credit Hours)
- MDI 411VA Sectional Pathology and Variant Anatomy (4 Credit Hours)
- MDI 412VA CT Procedures (4 Credit Hours)
- MDI 413VA Computed Tomography Physics and Instrumentation (4 Credit Hours)
- MDI 417VA Magnetic Resonance Imaging Physics and Instrumentation (4 Credit Hours)
- MDI 419 Mammography for Radiologic Technologists (blended course) (4 Credit Hours)
- MDI 420VA Leadership & Management of Radiology (3 Credit Hours)
- MDI 422VA Advanced Patient Care for Imaging Professionals (2 Credit Hours)
- MDI 423VA Bone Densitometry Techniques (2 Credit Hours)
- MDI 424VA Advanced Mammography (2 Credit Hours)
- MDI 426VA Advanced Cardiovascular Interventional Technology (4 Credit Hours)
- MDI 428VA Principles of Diagnostic Medical Sonography (4 Credit Hours)
- MDI 430VA PACS Administration (2 Credit Hours)
- MDI 431VA MRI Procedures (4 Credit Hours)
- MDI 432VA Managing Change in Healthcare (4 Credit Hours)
- MDI 433VA Emerging Issues in Healthcare (4 Credit Hours)
- **Free Electives: 46 Credit Hours**

TOTAL: 120 Credit Hours

Bachelor of Science: Medical Diagnostic Imaging (Ultrasound)

The detailed sequenced curriculum begins each Fall semester:

Semester I - Fall

- Diagnostic Medical Sonography I (1 Credit Hour)
- Ultrasound Physics and Instrumentation I (2 Credit Hours)
- Abdominal Ultrasound Procedures I (2 Credit Hours)
- Obstetric/Gynecology Ultrasound Procedures I (2 Credit Hours)
- General Ultrasound Procedures Laboratory (2 Credit Hours)
- Vascular Ultrasound Procedures I (2 Credit Hours)
- Vascular Ultrasound Procedures I Laboratory (2 Credit Hours)

13 Credit Hours

Semester II - Spring

- Diagnostic Medical Sonography II (1 Credit Hour)
- Ultrasound Physics and Instrumentation II (2 Credit Hours)
- Abdominal Ultrasound Procedures II (2 Credit Hours)
- Obstetric/Gynecology Ultrasound Procedures II (2 Credit Hours)
- General Ultrasound Procedures Laboratory II (2 Credit Hours)
- Vascular Ultrasound Procedures II (2 Credit Hours)
- Vascular Ultrasound Procedures II Laboratory (2 Credit Hours)

13 Credit Hours

Semester III - Summer

- DMS Clinical Experience I (4 Credit Hours)
- Clinical Sonography I (2 Credit Hours)

6 Credit Hours

Semester IV - Fall

- DMS Clinical Experience II (6 Credit Hours)
- Clinical Sonography II (2 Credit Hours)
- Ultrasound Imaging of Superficial Structures (1 Credit Hour)
- Neurosonography (1 Credit Hour)
- Ultrasound Imaging of the Breast (2 Credit Hours)

12 Credit Hours

Semester V - Spring

- DMS Clinical Experience III (6 Credit Hours)
- Clinical Sonography III (2 Credit Hours)
- Advanced Ultrasound Seminar (3 Credit Hours)

11 Credit Hours

Total Credits

Didactic: 33 Credit Hours

Clinical Experience: 22 Credit Hours

55 Credit Hours

PROGRAM ACCREDITATION:

Fort Hays State University is accredited by the Higher Learning Commission of the North Central Association of Colleges and Schools.

GENERAL ADMISSION REQUIREMENTS TO THE COLLEGE: Applicants to the Medical Diagnostic Imaging Program's Diagnostic Medical Sonography component must meet the general admission requirements to Fort Hays State University. Students may contact the admission office for an application or can apply online.

ADMISSION AND APPLICATION REQUIREMENTS:

Students applying for admission to the Diagnostic Medical Sonography Program must meet one of the following criteria:

Students must be a high school graduate or equivalent (GED) and qualify in at least one of the following:

- Successful completion of a two year accredited program in Radiology Technology
- Successful completion of a baccalaureate degree
- Successful completion of 60 credit hours in a health care related field or with an emphasis in science/math

All candidates must successfully complete the prerequisite courses with a minimum of a 'C' or better and have a minimum cumulative GPA of 2.75. The prerequisite courses are:

- BIOL 100 & 102 Human Biology and Lab or Equivalent
- BIOL 230 Human Anatomy and Physiology I with Lab or equivalent
- BIOL 231 Human Anatomy and Physiology II with Lab or equivalent
- BIOL 245 Medical Terminology
- MATH 110 College Algebra
- ENG 101 English Composition I
- ENG 102 English Composition II
- COMM 100 Introduction to Oral Communication or equivalent
- MDI 428 Principles of Diagnostic Medical Sonography - only offered at FHSU, available on campus in the fall and online in the spring

*****Recommended course:** MDI 410 *Cross Sectional Anatomy: Norma*

Master of Professional Studies: Medical Imaging

Available with a concentration in Administration or Education

Fort Hays State University is the only university in Kansas that offers a graduate program within medical imaging administration or education. The Master of Professional Studies in Medical Imaging is a 30-credit hour, innovative program that allows the professional to pursue either an administration or education emphasis. The program is designed for imaging professionals to increase their knowledge and skills in these areas of emphasis and expand upon their career opportunities as most hospitals and higher education entities are requiring advanced degrees for employment as a medical imaging administrator or educator.

As an administrator or educator, you work very closely with physicians, administration, other healthcare providers, students, and other educators. The master's with emphasis in imaging administration will focus on administrative duties to include healthcare informatics and technology management, legal and ethical issues in healthcare, modality management, quality management, policy and procedure, and recruitment and retention of quality technologists. The master's with emphasis in education will focus on curriculum development and instruction, assessment and evaluation, administration in medical imaging education, advanced technologies, and legal and ethical issues in healthcare. Student enrollment is limited to ensure quality experiences for each professional and to encourage interaction between students and faculty. Graduates of the program will be very marketable and valuable to healthcare organizations and educational programs.

Eligibility/Admission Criteria

Prior to admission to the program, students must have completed a bachelor's degree in Radiologic Science, Medical Imaging Science, or a related field and have earned a minimum of 3.0 GPA in the most recent 60 hours of college credit. In addition, students must provide verification of relative imaging certifications through entities as ARRT, NMTCB or ARDMS. Students will complete the graduate school application for admission which requires the following:

- Complete the online [Graduate School application](#).
- Degree-specific admission requirements include a personal statement, two letters of recommendation, and an official transcript indicating the conferral of an undergraduate 4-year degree.
- Personal statement of interest must include rationale for applying for the Master of Professional Studies in Medical Imaging with emphasis in education or administration.

Curriculum

Upon admission to the Master of Professional Studies in Medical Imaging Program, each student will work cooperatively with the on-line master's degree advisor to develop a course of study tailored to individual interests with emphasis in either medical imaging education or medical imaging administration. **All courses are available through FHSU Online.** Each area of emphasis requires the student to complete 30 credit hours of coursework, nine hours of core, twelve hours of major, six hours of elective and three hours of culminating. Please consult with Dr. Christa Beiker regarding course availability in specific semesters to plan and create a program of study. Rolling admission will begin effective **April 1st, 2022.**

Core (9 hours)

- MDI 852 Statistics in Medical Imaging (3 cr hrs)
- MDI 854 Research Methods in Medical Imaging (3 cr hrs)
- MDI 856 Advanced Technologies in Medical Imaging Sciences (3 cr hrs)

Administration Major Courses (12 hours)

- MDI 830 Medical Imaging Administration (3 cr hrs)
- MDI 832 Medical Imaging Modality Management (3 cr hrs)
- HHP 625 Legal and Ethical issues in Healthcare (3 cr hrs)
- MDI 834 Health Informatics and Technology Management (3 cr hrs)

Administration Electives (choose 2 courses from the following - 6 hours)

- LDRS 650 Principles of Organization Leadership (3 cr hrs)
- LDRS 802 Organizational Systems, Change, and Leadership (3 cr hrs)
- MGT 608 Total Quality Management (3 cr hrs)
- MGT 611 Human Resource Management (3 cr hrs)
- MGT 612 Recruitment, Selection, and Retention (3 cr hrs)
- MGT 613 Total Compensation (3 cr hrs)
- MGT 614 Training and Development (3 cr hrs)
- SOC 870 Grant Writing (3 cr hrs)

Education Major Courses (12 hours)

- MDI 810 Curriculum Development and Instruction in Medical Imaging Education (3 cr hrs)
- MDI 812 Assessment and Evaluation in Medical Imaging Education (3 cr hrs)
- HHP 625 Legal and Ethical issues in Healthcare (3 cr hrs)
- MDI 814 Administration in Medical Imaging Education (3 cr hrs)

Education Major Electives (choose 2 courses from the following – 6 hours)

- AEP 800 Innovative Technology Integration (3 cr hrs)
- AEP 855 Educational Leadership (3 cr hrs)
- AEP 875 Seminar in Education: Teaching Adult Learner (3 cr hrs)
- SOC 870 Grant Writing (3 cr hrs)
- LDRS 650 Principles of Organizational Leadership (3 cr hrs)
- LDRS 670 Leadership and Personal Development (3 cr hrs)
- MGT 608 Total Quality Management (3 cr hrs)

Culminating Experience (3 Credit Hours)

All students will complete a 3 credit-hour, culminating experience and must enroll in the following course.

- MDI 858 Medical Imaging Capstone (3 cr hrs)

Certificates in Allied Health

The Department of Allied Health provides radiologic technologist certificates in several modalities of advanced imaging, offering numerous specialties for you to enhance your educational credentials.

Certificate in Cardiovascular Interventional Technology (CVIT)

- Advanced CVIT (4 credit hours)
- Advanced Patient Care (2 credit hours)
- CVIT Pathology and Case Review (4 credit hours)

Total: 10 credit hours

Certificate in Computed Tomography (CT)

- Cross Sectional Anatomy: Normal (4 credit hours)
- CT Physics and Instrumentation (4 credit hours)
- Sectional Pathology and Variant Anatomy (4 credit hours)
- CT Procedures (4 credit hours)

Total: 16 credit hours

Certificate in Diagnostic Cardiac Sonography (RDCS)

- Echocardiography I (2 credit hours)
- Echocardiography II (2 credit hours)
- Cardiac Pathophysiology I (2 credit hours)
- Cardiac Pathophysiology II (2 credit hours)
- Cardiac Case Review I (1 credit hour)
- Clinical Experience I & II (8 credit hours)

Total: 17 credit hours

[See our application](#) for more information about the RCDS program.

Certificate in Magnetic Resonance Imaging (MRI)

- Cross Sectional Anatomy: Normal (4 credit hours)
- Sectional Pathology and Variant Anatomy (4 credit hours)
- MRI Physics and Instrumentation (4 credit hours)
- MRI Procedures (4 credit hours)

Total: 16 credit hours

Certificate in Women's Imaging

- Principles of Bone Densitometry (2 credit hours)
- Mammography for Radiologic Technologists (4 credit hours)
- Advanced Mammography for Radiologic Technologists (2 credit hours)

Total: 8 credit hours

Certificate in Healthcare Administration

- Leadership & Management in Radiology (3 credit hours)
 - Optional Preceptorship (1 credit hour)
- PACS Administration (2 credit hours)
 - Optional Preceptorship (1 credit hour)
- Managing Change in Healthcare (4 credit hours)
- Emerging Issues in Healthcare Administration (4 credit hours)

Total: 12-14 credit hours

Course Listings – Allied Health

Radiologic Technology/Medical Diagnostic Imaging Undergraduate Credit

250 Principles of Medical Imaging (2) The course presents the student with fundamental concepts of medical imaging. These concepts begin with a history of healthcare and radiology. The course outlines prerequisite classes and programs offered in the Allied Health Department. The content encompasses essential patient care, radiological procedure, exposure, and radiation safety and protection theories. The significance of professional development will be discussed and the distinctive characteristics of additional modalities will be examined.

260 Orientation to Radiologic Techniques (1) The hospital environment and its terminology, with particular reference to radiology. Requisites: PERM.

261 Radiologic Safety (1) Measures for assurance of protection for patients, technologists, and students from ionizing radiation during radiologic procedures. Requisites: PERM.

262 Radiographic Procedures I (2) This course provides the students with knowledge and cognitive skills underlying the performance of major tasks required of a radiologic technologist employed within the Radiology field. Prerequisite: PERM; Co-requisite: 262L

262L Radiographic Procedures I Laboratory (1) Students shall study, practice and perform patient care, patient communication, exam positioning, operation and manipulation of radiographic equipment, and identification of anatomical structures on radio- graphic images. Prerequisites: PERM; Co-requisite: MDI 262.

263 Radiographic Procedures II (3) A continuation of the methods and procedures required to obtain a quality radiographic examination. Students shall study and practice patient positioning, operation and manipulation of radiographic equipment, and identification of anatomical structures on radiographic images for the areas of upper extremity, lower extremity, shoulder girdle and pelvic girdle. Prerequisite: MDI 262, 262L; PERM. Co-requisite: MDI 263L.

263L Radiographic Procedures II Laboratory (2) Students shall study, practice and perform patient care, patient communications, exam positioning, operation and manipulation

of radio- graphic equipment, and identification of anatomical structures on radiographic images. Students will concentrate on imaging areas of upper and lower extremity, shoulder girdle, and pelvic girdle. Pre- requisites: MDI 262, 262L; PERM: Co-requisite: MDI 263.

264 Radiographic Procedures III (2) A continuation of the methods and procedures required to obtain a quality radiographic examination. Students shall study and practice patient positioning, operation and manipulation of radiographic equipment, and identification of anatomical structures on radiographic images for the areas of spine, trauma spine, headwork, and upper and lower gastrointestinal tract. PR: 262, 262L, 263, 263L; Co-req 264L; PERM.

264L Radiographic Procedures III Laboratory (2) Methods and procedures of positioning required to obtain a quality x-ray. Requisites: PERM; co-requisite, MDI 264.

265 Patient Care in Medical Imaging I (1) This course provides the student with an introduction to medical imaging patient care concepts. Upon completion of this course the student will have knowledge of the healthcare delivery system, age specific care and communication, cultural diversity in healthcare, obtaining a medical history, charting medical information, medical asepsis, and infection control concepts.

266 Patient Care in Medical Imaging II (1) This course provides the student with an introduction to medical imaging patient care concepts. Upon completion of this course the student will have knowledge of responding to patient needs, patient assessment and assistance, basic vital signs, dealing with acute situations, special considerations for bedside imaging, venipuncture, and medication administration. Pre-requisites: MDI 265, PERM.

300 Radio-Biology (2) Effects of ionizing radiations on or in living matter. Basic concepts and technical theory of matter and energy. Requisites: PERM.

330 Clinical Experience I (0) The ten areas that constitute the radiologic department. Students will rotate through each specific area in the clinical setting.

331 Clinical Experience II (0) The ten areas that constitute the radiologic department. Students will rotate through each specific area in the clinical setting.

332 Clinical Experience III () The ten areas that constitute the radiologic department. Students will rotate through each specific area in the clinical setting.

340 Advanced Radiology Seminar I () Advanced radiologic procedures in preparation for the registry examination.

341 Advanced Radiology Seminar II () Advanced radiologic procedures in preparation for the registry examination.

341 Advanced Radiology Seminar III () Advanced radiologic procedures in preparation for the registry examination.

350 Anatomy for MDI Professionals (3) The course presents students with the study of human anatomy and its functions. It will explore how various anatomic structures are best visualized utilizing specific imaging modalities: including but not limited to Computed Tomography, Magnetic Resonance Imaging, Diagnostic Medical Sonography, Cardiovascular Interventional Radiography, or Conventional Radiography. This course is designed to build a stronger foundation of anatomical structure and function in preparation for advanced imaging coursework and clinical application.

363 Principles of Radiographic Exposure I (1) The course will give the student a foundation for Medical Diagnostic Imaging by building a framework of information regarding creation of a diagnostic x-ray beam. The course will include discussions on atomic theory, requirements for x-ray production, x-ray properties, and necessary units of measurement. PR: MATH 110.

364 Principles of Radiographic Exposure II (2) The basic and advanced techniques that produce a quality x-ray. Requisites: PERM.

365 Special Procedures in Radiology (1) This course will discuss concepts of special diagnostic imaging to include anatomy, techniques, and procedures. The course will include diverse subject matter that will help prepare the student for their radiology clinical rotation.

366 Advanced Techniques in Radiology (1) Advanced procedures in radiology including nuclear medicine, equipment maintenance, radiation therapy, and departmental administration. Requisites: PERM.

367 Clinical Experience + (2-8) The ten areas that constitute the radiologic department. Students will rotate through each specific area in the clinical setting. Requisites: PERM.

368 Seminar in Radiology + (1-3) Advanced radiologic procedures in preparation for the registry examination. Requisites: PERM.

369 Radiographic Topics (1-6) Topics not covered in regular offerings including pediatric radiography, portable radiography, special radiographic patient care. Requisites: PERM.

370 Imaging and Automatic Processing (2) Radiographic film processing, automation, and quality control involving automatic film processing: subtraction, solarization, and duplication. Requisites: PERM.

371 Radiographic Film Critique (1) Radiographic films performed by students are evaluated by the instructor and student to assess radiographic quality. Requisites: PERM.

372 Applied Biophysics in Radiology (2) Application of basic theories, concepts, and laws of atomic physics, magnetism, sound, and electricity applied to uses in the medical areas of radiology, x-ray, computerized axial tomography, (CT) scanning, nuclear medicine, and ultrasound technologies. Requisites: PR, PERM.

373 Radiologic Pathology (1) Selected pathologic and anomalous conditions that can be demonstrated diagnostically by radiographic films. Requisites: PERM.

375 Computer Applications in Medical Radiology (2) A study of the theory and application of dedicated computer systems that are used in imaging biological materials for purposes of medical diagnostics. Requisites: PERM.

410 Cross-Sectional Anatomy: Normal (4) The course is designed to provide students in the diagnostic imaging sciences an advanced understanding of three dimensional structure relationships of normal anatomy. Medical images of visceral anatomy of the head, neck, thorax, abdomen, pelvis, spine, and joints will be presented in transverse, oblique, coronal, and sagittal orientations. Requisites: PR, PERM.

411 Sectional Pathology and Variant Anatomy (4) This course is designed to give students a basic understanding of sectional pathology requisite to competently perform computed tomography and magnetic resonance imaging procedures. To enable the students to create optimal diagnostic images, this course provides the students with the ability to identify normal human anatomical structures in sectional images, and the ability to distinguish common pathological processes and variant anatomy. Requisites: PR, PERM.

412 Computed Tomography Procedures (4) This course will teach students the basic protocols for examinations performed on a multi-slice CT scanner. Students will learn how to recognize pathology and medical situations and to adapt protocols accordingly. Requisites: PR, PERM.

413 Computed Tomography Physics and Instrumentation (4) Designed to teach the theory and operation of computed tomography equipment, accessories, and image production techniques. Students will benefit from observations and demonstrations of selected computed tomography instruments. Requisites: PR, PERM.

414 Medical Imaging Clinical Preceptorship + (1-8) Supervised clinical experience in an affiliate medical diagnostic imaging department. Students will operate medical imaging equipment, process images, and perform computerized

diagnostic examination procedures on patients. This clinical experience continues until the student attains all required levels of proficiency. Students will be required to purchase liability and health insurance. Requisites: PERM.

415 Ultrasound Physics and OB/GYN Procedures (4) Designed to emphasize the physics of ultrasound and scanning techniques for optimal visualization in OB/GYN and pelvic medical diagnostic ultrasound examinations. Primary emphasis will be on pelvic and fetal ultrasound practices. Requisites: PERM.

415L Ultrasound Physics and OB/GYN Procedures Lab (2) A laboratory course designed for identification of appropriate obstetrical/gynecological anatomy during routine ultrasound procedures utilizing the fundamental principles of physics and instrumentation of diagnostic ultrasound equipment. Requisites: PR, BIOL 230 and BIOL 232 or equivalent; MDI 415 or concurrent enrollment; PERM.

416 Ultrasound Physics and Abdominal Procedures (4) Designed to emphasize the physics of ultrasound and scanning techniques for abdominal medical diagnostic ultrasound examinations. Primary emphasis will be on liver, gallbladder, abdominal vasculature, and kidney ultrasound practices. Requisites: PERM.

416L Ultrasound Physics and Abdominal Procedures Laboratory (2) A laboratory course designed for identification of appropriate abdominal anatomy during routine abdominal ultrasound procedures utilizing the fundamental principles of physics and instrumentation of diagnostic ultrasound equipment. Requisites: PR, BIOL 230 and BIOL 232 or equivalent; MDI 416 or concurrent enrollment; PERM.

417 MRI Physics and Instrumentation (4) The course will provide instruction in basic physical and technical concepts, image procedures, quality control, and issues related to patient comfort and safety. Requisites: PERM.

418 Cardiovascular-Interventional Technology (4) Designed to emphasize the techniques and operation of interventional procedures, equipment, accessories, image enhancement techniques, and issues related to patient care and management. Requisites: PERM.

419 Mammography for Radiologic Technologists (4) This course provides the students with knowledge and cognitive skills underlying the performance of the major tasks typically required of a technologist employed in the specialized field of mammography. This course is designed to cover the major content areas according to the ARRT mammography certification specifications and fulfill the MQSA initial training requirements. Requisites: PERM.

420 Leadership and Management of Radiology (3) The course will emphasize the administrative role in a Medical Imaging department. It will explore, but is not limited to, leadership styles, development and importance of teams, employee motivation and turnover, quality improvement principles, medico legal concerns, strategic planning and marketing. This course is designed to provide a strong

foundation regarding the duties and responsibilities of an effective Medical Imaging administrator. Requisite: PR, PERM.

422 Advanced Patient Care for Imaging Professionals (2) The student will acquire an advanced overview of patient care concepts in the medical imaging department. Upon completion of the course, the student will have knowledge of assessing patients during routine and emergency imaging procedures. The assessment will aid the student in determining a patient's overall condition and determining when corrective action is warranted. Requisites: PERM

423 Bone Densitometry Techniques (2) This course presents the student with the foundation and the current status of bone densitometry techniques in the radiologic science field. Included is the history of bone densitometry, technology involved, scanning protocols, the disease processes associated with bone densitometry, and the technologist's role in bone densitometry.

424 Advanced Mammography (2) This course is designed to expand the cognitive skills of technologists in the mammography field to include a greater knowledge of the different imaging procedures used to detect breast cancer and breast diseases. Students will explore the technology and techniques involved in interventional procedures, including stereotactic breast biopsy, and additional modalities used in breast imaging. Requisites: PR, PERM and MDI 419.

425 Digital Mammography (2) This course will give students the basic physics concepts behind the production of a digital mammography unit, the benefits of digital mammography over film/ screen mammography, a general overview of quality control procedures with digital mammography, how the image is processed, and some advanced applications related to digital mammography. Requisites: PR, MDI 419.

426 Advanced CIT (4) The student will acquire an advanced overview of angiographic procedures in an interventional laboratory department. Upon completion of the course, the student will have knowledge of assisting physicians during angiographic imaging procedures. Requisite: PR, MDI 418 or PERM.

427 CVIT Pathology and Case Review (4) This course emphasizes the appearance of pathological and/or variant anatomy as visualized in an angiographic procedure. Select case studies of pathologies will be reviewed. PR: MDI 418 or MDI 426; PERM.

428 Principles of Diagnostic Medical Sonography (4) The course is designed to emphasize fundamental principles of diagnostic medical ultrasound. The student will learn basic physics of ultrasound and instrumentation of ultrasound equipment for optimal visualization in medical diagnostic ultrasound examinations. Protocols for abdominal, obstetrical/gynecological, vascular and superficial structures will be discussed. Common pathological patterns of the various organs and systems will be discussed and related to the sonographic appearance, physiologic changes, and laboratory findings. Requisites: PERM.

429 Digital Radiography (2) This course presents the students with a comprehensive coverage of the physical principles of digital radiography imaging systems and associated topics such as digital fluoroscopy and quality control. Included in this course are the historical developments of digital radiography imaging systems, the physical principles and technological aspects of digital radiography imaging systems, digital imaging processing fundamentals, and the effective use of digital radiography in clinical practice.

430 PACS Administration (2) The course explores Picture Archiving and Communication Systems (PACS) and associated concepts. It will present the skills and knowledge necessary for the successful planning, implementation, and maintenance of a PACS. Clinical workflow, user training, and regulatory compliance will also be examined.

431 Magnetic Resonance Imaging Procedures (4) This course is designed to teach students diagnostic magnetic resonance imaging procedures. Students will learn methods and procedures required to obtain quality MRI examinations including patient communication, exam positioning, and operation and manipulation of MRI equipment. Requisites: PR, PERM.

432 Managing Change in Healthcare (4) Students will learn the skills necessary to excel in the changing healthcare field as contemporary leaders.

433 Emerging Issues in Healthcare () In this course students will be introduced to current trends and emerging topics that are effecting today's healthcare leaders. Through case studies, students will learn to analyze and reflect on the issues. A final research project will allow students to further investigate an area of interest.

440 MDI Preceptorship: Mammography (1-4) Mammography experience under the direct supervision of an affiliate Mammography department. Students will build proficiency while completing the ARRT Mammography clinical requirements for certification. Students will perform Mammography examinations on patients in accordance to the procedures and protocol of the specific clinical site. This experience will continue until the student attains all required levels of proficiency and completion of all ARRT clinical components. Requisite: PR, PERM.

441 MDI Preceptorship: Leadership & Management (1-4) The preceptorship is to provide the student with a hands-on experience of an administrative role. The student should gain knowledge regarding organizational development, organizational structure, CQI efforts, and employee management. Requisite: PR, PERM.

442 MDI Preceptorship: PACS (1-4) The preceptorship is to provide the student with a hands-on experience of a PACS administrator. The student should gain knowledge regarding successful planning, implementation, and maintenance of a PACS as well as expand knowledge of clinical workflows and user training. Requisite: PR, PERM.

443 MDI Preceptorship: Computed Tomography (CT) (1-8) The course is based on the application of theory learned in the CT Physics and Instrumentation course. The student will progress from observing the CT technologist(s) to assisting with the examinations, and finally to completing the CT examinations. Throughout the duration of the preceptorship, the student will proficiently apply the physical and technical concepts of CT into daily practice, monitor and preform quality control issues, and provide a superior standard of patient care, safety, and comfort. Critical thinking and problem-solving skills are emphasized throughout the duration of the clinical preceptorship to gain a practical understanding of Computed Tomography. Requisite: PR, PERM.

444 MDI Preceptorship: Magnetic Resonance Imaging () The course is based on the application of theory learned in the MRI Physics and Instrumentation course. The student will progress from observing the MRI technologist(s) to assisting with the examinations. Throughout the duration of the preceptorship, the student will proficiently apply the physical and technical concepts of MRI into daily practice, monitor and perform quality control issues, and provide a superior standard of patient care, safety, and comfort. Critical thinking and problem solving skills are emphasized throughout the duration of the clinical preceptorship to gain a practical understanding of MRI.

445 MDI Preceptorship: Cardiovascular Interventional Technology (1-8) The course is based on application of theory learned in the CVIT and Advanced Patient Care courses. The student will progress from observing the technologist to assisting with the examinations and finally to completing the interventional examinations. The student will proficiently apply the physical and technical concepts, quality control issues, and issues related to patient comfort and safety throughout the preceptorship. Critical thinking and problem- solving skills are emphasized throughout the duration of the clinical preceptorship, to gain a practical understanding of working in a CVIT department. Requisite: PR, PERM.

472 Problems in Medical Diagnostic Imaging + (1-5) Individual study of a non-research problems. Requisites: PR, PERM .

482 Readings in Medical Diagnostic Imaging + (1-3) Readings and written reports on special topics in medical diagnostic imaging. Requisites: PR, PERM.

Graduate Credit

810 Curriculum Development in Medical Imaging () This course presents students with a comprehensive coverage of instructional design models and processes associated with medical imaging education. Included in this course are the assessments of need for instruction, learner characteristics and necessities, and task analysis. Students will develop components of a medical imaging course to include syllabus, objectives, content, learning activities, and assessment.

812 Assessment and Evaluation in Medical Imaging () This course will prepare imaging science educators to compare various learning assessment techniques to include learning domains such as foundational knowledge, application, integration, and human dimension. Students will also have the opportunity to develop some of their own learning assessment techniques in each of the categories. The course will also allow students to review the Joint Review Committee on Education in Radiologic Technology accreditation standards and develop responses to some of the standards. Students will also work toward developing an assessment plan that is part of the accreditation process.

830 Medical Imaging Administration () This course will introduce the student to imaging leadership and tools to assist in the leadership role. Leadership styles will be reviewed along with opportunities to develop job descriptions, work force planning guides, protocols and policies for the imaging department.

832 Medical Imaging Modality Management () This course will introduce the student to imaging leadership and tools to assist in the leadership role. Introduction to accreditation organizations and importance of preparation, understanding revenue cycle and the components of the chargemaster and payor analysis. This course will give the student the opportunity to review, understand and present an operational modality budget, create productivity measures, create a capital planning strategic document and prepare a proforma. Peer review assignments, presentation and feedback will give the student experience for future presentations in their future leadership role.

834 Communication and Information Management in Medical Imaging () This course will provide students the opportunity to appreciate imaging leadership and recognize tools to assist in the leadership role. The course will give the student the opportunity to understand the concepts of strategic planning for an imaging department. The course will include assessing an imaging modality or department, evaluate performance/quality improvement, identify techniques for quality improvement, internal and external communication including marketing communications, and understand how informatics and data management interact with the daily operations of an imaging department. The student will access, collect data and analyze outcomes of a quality improvement initiative and present to their peers. The student will participate in course discussion, peer review assessments and individual course module assignments.

852 Statistics in Medical Imaging () Statistics in Medical Imaging is designed to address the topics of collecting, classifying, analyzing, utilizing, and making inferences about statistical data applications regarding healthcare phenomena. The course utilizes Excel statistical software as a tool for analysis and to present statistical concepts in the context of the functional areas of decision making. The course will not emphasize learning mathematical computations to find solutions, but to utilize statistical software and technology. Integrating spreadsheet software into all aspects of a statistics course allows the course to focus on interpretation of results rather than the computations. Graduate statistics courses

should recognize that in healthcare management, spreadsheet software is typically available on every decision-makers desktop.

854 Research Methods in Medical Imaging () This course presents students with a comprehensive coverage of the research design plan and its application in the imaging science arena. Students will develop components of a research design plan to include a title, introduction, research questions, purpose statement, review of the literature, research study population, instrumentation, and methods section of a research proposal.

856 Advanced Technologies in Medical Imaging Sciences () This course will prepare imaging science students to look further into emerging technologies not only in the imaging clinical environment but also in medical imaging education and administration. Further investigation into technologies will lead students to write about a technology of interest. Students will determine avenues to expand the knowledge of others on these technologies through discussion and presentation options. Students will discuss how specific technologies will enhance their role as an educator or administrator in the imaging field.

858 Capstone in Medical Imaging () This course is a culminating experience that is required of all program students prior to graduation. Emphasis is placed on students' educational experiences to apply when developing a unique project related to either medical imaging administration or education. This project will uniquely focus on the students' special interests and career goals, but must reflect a problem in the workplace. Projects must contribute something new and/or significant to the student's institution or the field itself.

Diagnostic Medical Sonography (DMS) Courses

400 Diagnostic Medical Sonography I (1) The course will emphasize the foundation and evolution of sonography and the role of the diagnostic medical sonographer. Students will learn the foundations of communication, medical techniques, patient care and clinical assessment of sonographic procedures to enhance problem solving skills in the ultrasound imaging environment. Requisites: PR, PERM.

401 Diagnostic Medical Sonography II (1) The course will continue to emphasize patient care techniques and student awareness of professional, ethical, and legal issues to expand upon the role of the diagnostic medical sonographer. Ethics, professionalism, legal essentials, ergonomics, prevention of work-related injury, medial emergency, infection control, invasive procedures and surgical asepsis will be emphasized to assist the student with critical thinking skills in the ultrasound imaging environment. The student will analyze these components with review of the FHSU DMS Clinical Handbook. Requisites: PR, PERM.

402 Ultrasound Physics and Instrumentation I (2) The course is designed to emphasize the physical principles of ultrasound and instrumentation of ultrasound equipment for optimal visualization in diagnostic medical sonography examinations. Requisites: PR; MATH 110; PERM.

403 Ultrasound Physics and Instrumentation II (2) The course continues to emphasize the physical principles of ultrasound and instrumentation of ultrasound equipment for

optimal visualization in medical diagnostic ultrasound examinations. Requisites: PR, PERM.

404 Abdominal Ultrasound Procedures I (2) The course is designed to emphasize the physics and instrumentation of ultrasound for optimal visualization in abdominal diagnostic medical sonography examinations. Primary emphasis will be the role of ultrasound in evaluation of the abdominal vasculature, biliary tree, pancreas, and thyroid. Pathological patterns of these various systems will be discussed and related to the sonographic appearance, physiologic changes, and laboratory findings. Requisites: PR, PERM.

405 Abdominal Ultrasound Procedures II (2) The course is designed to emphasize the physics and instrumentation of ultrasound for optimal visualization in abdominal diagnostic medical sonography examinations. Primary emphasis will be the role of ultrasound in evaluation of the abdominal organs including the liver, spleen, urinary tract, scrotum and ultrasound guided procedures. Pathological patterns of these various systems will be discussed and related to the sonographic appearance, physiologic changes, and laboratory findings. Requisites: PR, PERM.

406 Obstetrics/Gynecology Ultrasound Procedures I (2) The course is designed to emphasize the physics and instrumentation of ultrasound for optimal visualization in obstetric/ gynecologic medical diagnostic ultrasound examinations. Primary emphasis will be the role of ultrasound in the evaluation of the non-gravid female pelvis to include normal sonographic appearance, physiologic changes, laboratory findings, and pathological processes of the uterus and adnexa. Additional material will include menstrual physiology, hormonal influences, early embryonic development, ethical considerations of obstetric ultrasound, and sonographic evaluation of the normal and abnormal first trimester. Requisites: PR, PERM.

407 Obstetric/Gynecology Ultrasound Procedures II (2) The course continues to emphasize the physics and instrumentation of ultrasound for optimal visualization in obstetric/gynecologic medical diagnostic ultrasound examinations. Application of ultrasound in the evaluation of the non-gravid female pelvis to compare normal sonographic appearance and physiology to pathological processes of the uterus and adnexa. Primary emphasis will be the role of ultrasound in the evaluation of the first, second, and third trimesters of pregnancy, screening for genetic fetal anomalies, multiple gestations, maternal disorders, abnormalities associated with fetal growth, and complications associated with delivery. Requisites: PR, PERM.

408 Vascular Ultrasound Procedures I (2) The course is designed to emphasize the physics and instrumentation of ultrasound for optimal visualization in vascular diagnostic medical sonography examinations. Primary emphasis will include the hemodynamics, color flow, and Doppler spectral analysis of the abdominal, lower extremity venous and lower extremity arterial vasculature. Additional vascular applications will include Doppler

instruments and indirect testing methods. Requisites: PR, PERM.

409 Vascular Ultrasound Procedures II (2) The course continues to emphasize the physics and instrumentation of ultrasound for optimal visualization in vascular medical diagnostic ultrasound examinations. Primary emphasis will include the hemodynamics, color flow, and Doppler spectral analysis of the upper extremity venous and arterial vasculature, carotid, vertebral and transcranial vasculature, and selective abdominal vasculature. Additional vascular applications will include Doppler instruments and indirect testing methods. Requisites: PR, PERM.

410 General Ultrasound Procedures I Laboratory (2) A laboratory course designed for identification of appropriate anatomy during routine obstetrical/gynecological and abdominal ultrasound procedures utilizing the fundamental principles of physics and instrumentation of diagnostic ultrasound equipment. Requisites: PR, PERM.

411 General Ultrasound Procedures II Laboratory (2) A laboratory course designed to continue identification of appropriate anatomy during routine obstetrical/gynecological and abdominal ultrasound procedures utilizing the fundamental principles of physics and instrumentation of diagnostic ultrasound equipment. Requisites: PR, PERM.

412 Vascular Ultrasound Procedures I Laboratory (2) A laboratory course designed for identification of appropriate vascular anatomy during routine vascular ultrasound procedures utilizing the fundamental principles of physics and instrumentation of diagnostic ultrasound equipment. Requisites: PR, PERM.

413 Vascular Ultrasound Procedures II Laboratory (2) A laboratory course designed to continue identification of appropriate vascular anatomy during routine vascular ultrasound procedures utilizing the fundamental principles of physics and instrumentation of diagnostic ultrasound equipment. Requisites: PR, PERM.

414 Breast Ultrasound Procedures (2) The course is designed to emphasize the physics and instrumentation of ultrasound for optimal visualization in medical diagnostic ultrasound examinations of the breast. Primary emphasis will include the normal anatomy of the female and male breast, the normal physiology of the breast tissue, clinical evaluation of patients for breast imaging, historical overview of breast imaging, ACR BI-RADS classifications of mammographic masses, normal sonographic evaluation of the breast, and sonographic evaluation of breast masses. Additional diagnostic imaging procedures will include Doppler and Color Doppler applications, breast implant imaging, and the role of ultrasound in diagnostic and interventional procedures in the breast. Requisites: PR, PERM.

415 Neurosonography (1) The course is designed to emphasize the physics and instrumentation of ultrasound for optimal visualization in neurologic diagnostic medical sonography examinations. Primary emphasis will be the role of ultrasound in the evaluation of neonate and infant brain. Pathological patterns of the various brain structures and developmental stages will be discussed and related to the sonographic appearance, physiologic changes, and laboratory findings. Requisites: PR, PERM.

416 Superficial Ultrasound Procedures (1) The course is designed to emphasize the physics and instrumentation of ultrasound for optimal visualization in superficial medical diagnostic ultrasound examinations. Primary emphasis will be the role of ultrasound in evaluation of the thyroid/parathyroid, scrotum, prostate, and other non-routine examinations. Pathological patterns of the various organs and systems will be discussed and related to the sonographic appearance, physiologic changes, and laboratory findings. Requisites: PR, PERM.

417 Clinical Sonography I (2) The course will focus on advanced applications relative to physics and instrumentation in sonographic medical imaging. Students will review ultrasound physical principles to develop systematic methods for application of proper instrumentation within general and vascular ultrasound procedures within a clinical environment and for preparation for the national registry physics and instrumentation examination offered through the American Registry of Diagnostic Medical Sonography. Requisites: PR, PERM.

418 Clinical Sonography II (2) The course will provide continued emphasis of advanced sonographic applications. Students will review ultrasound principles to develop systematic methods for application of proper instrumentation within general and vascular ultrasound procedures within a clinical environment. Ultrasound procedures to be emphasized will include the abdominal cavity, abdominal vasculature and Doppler, urinary system, pancreas, genetic testing procedures, chromosomal abnormalities, amniotic fluid and membranes, nuchal translucency and fold, cervix, placenta, umbilical cord and Doppler, fetal central nervous system, face, neck, thorax, and abdominal wall, and vascular indirect testing methods. Requisites: PR, PERM.

419 Clinical Sonography III (2) The course will provide continued emphasis of advanced sonographic applications. Students will review ultrasound principles to develop systematic methods for application of proper instrumentation within general and vascular ultrasound procedures within a clinical environment. Ultrasound procedures to be emphasized will include the pancreas, gallbladder/biliary ducts, liver, spleen, fetal thorax, heart, abdomen, abdominal wall, genitourinary, skeletal, and multiple gestations, upper and lower extremity venous and arterial, and hemodialysis access. Additional focus will include both arterial and venous hemodynamics and indirect testing methods within vascular procedures to include transcranial Doppler. Requisites: PR, PERM.

420 Advanced Ultrasound Seminar (2) The course is designed to provide students the opportunity to review all program curriculum for the abdominal, obstetric/gynecologic, and vascular technology specialty areas in preparation for the national registry examinations offered through the American Registry of Diagnostic Medical Sonography. Review activities and group discussions will help clarify difficult concepts. Students will review the examination content outlines for all specialty area examinations. Mock registry examinations will be assigned. Additional emphasis will include test taking strategies, continuing education requirements and life-long learning strategies, and development of strategies for implementing change within the DMS environment.

430 DMS Clinical Experience I (1-8) The course will provide the student the opportunity to apply abdominal, obstetrical/ gynecologic, and vascular ultrasound principles within the clinical environment. The student will be expected to observe, assist, and perform ultrasound procedures under direct supervision of a registered diagnostic medical sonographer utilizing appropriate physics and instrumentation principles.

431 DMS Clinical Experience II (1-8) The course will provide the student the opportunity to apply abdominal, obstetrical/ gynecologic, and vascular ultrasound principles within the clinical environment. The student will be expected to observe, assist, and perform ultrasound procedures under direct supervision of a registered diagnostic medical sonographer utilizing appropriate physics and instrumentation principles.

450 Echocardiography I (2) The course is designed to emphasize fundamental principles of diagnostic cardiac sonography. The student will learn basic cardiovascular anatomy and physiology along with the general protocol for transthoracic echocardiograms. Components of the cardiac cycle will be defined along with understanding the different modes of echocardiography, to include M-mode, 2-dimensional echocardiography, color flow Doppler, and spectral Doppler.

451 Echocardiography II (2) The course is designed to emphasize additional cardiac imaging modalities, understanding the fundamentals of transesophageal echocardiography, stress echocardiography, and cardiac catheterization. The student will gain an understanding of the basic embryology of the heart through the 7th week of fetal development and understand components of fetal circulation. Congenital heart defects will be defined along with the hemodynamic effects on the cardiovascular system.

452 Cardiac Pathophysiology I (2) The course is designed to emphasize cardiac pathologies involving valvular disease, myocarditis, and pericarditis, as well as prosthetic valves. The student will gain an understanding of the hemodynamic effects these pathologies place on the heart and the associated sonographic findings. They will

also be able to differentiate between mechanical and bioprosthetic heart valves, and understand the associated complications.

453 Cardiac Pathophysiology II (2) The course is designed to emphasize cardiac pathologies involving ischemic heart disease, heart failure, cardiomyopathies, cardio neoplasms and disease of the aorta. The student will gain an understanding of the hemodynamic effects these particular pathologies place on the heart, the associated sonographic findings and understand the related complications.

454 Cardiac Case Review (1) The course is designed to provide the student the opportunity for profession growth and development within echocardiography. Each student is required to develop and submit a case report over a cardiac pathology for potential publication within a peer-reviewed professional journal. Each student will also be responsible for reviewing and evaluating fellow student submissions establishing an understanding and the importance of continuing education.

460 Medical Imaging Preceptorship: Cardiac Sonography (1-8) The course will provide the student the opportunity to apply echocardiography principles within the clinical environment. The student will be expected to observe, assist, and perform adult cardiac procedures under direct supervision of a registered diagnostic cardiac sonographer utilizing appropriate physics and instrumentation principles.

+Course may be repeated

#Lab required

PERM: Permission

PR: Pre-requisite

Department of Communication Sciences and Disorders

The Department of Communication Sciences and Disorders offers an undergraduate degree in communication sciences and disorders (CSD) and a graduate degree in speech-language pathology (SLP), a degree that leads to a rewarding career. As a speech-language pathologist, you can give back to the community by helping individuals of all ages who experience communication delays and disorders. As a student in the Department of Communication Sciences and Disorders, you will:

- Begin your professional career from your very first semester on campus, giving you early insight into the major, the profession and whether SLP is the right fit for you.
- Gain lots of practical, real-world experience with actual clients - even as an undergraduate - through the state-of-the-art Herndon Clinic.
- Join the National Student Speech-Language-Hearing Association (NSSLHA) and be involved in the organization's activities on campus and in the community.
- Work closely with faculty in courses, labs and clinical experiences. Graduate students are involved in research under the direction of one of the faculty members.
- Enjoy small classes and learning alongside a supportive and close-knit group of students.

For more information on the department, feel free to explore the department's web site, or [contact us](#) for more information.

Department of Communication Sciences & Disorders Faculty & Staff

See department page online for full listing

Bachelor of Science: Communication Sciences and Disorders

Program Summary ([Downloadable PDF](#))

Core Curriculum (21 hours)

Required General Education Courses (19 hours)

Education/Psychology Cognates (6 hours)

Other Electives (25 hours)

Total Hours: 120

Suggested Sequence of Courses

Courses in bold are **required** for graduation. Elective courses that are **highly recommended** for entry into the graduate program are included in the suggested sequence of courses. General education courses, educational/psychology cognates, and additional CSD electives are listed below:

Year One, Fall

SLP 160 Intro to Communication Disorders 3

UNIV 101 Freshman Seminar 1

Year One, Spring

SLP 140 Communication Disorders in Society 1

SLP 340 Language Science 3

Year 2, Fall

SLP 303 Speech and Hearing Science 2

SLP 402 Clinical Phonetics 3

Year 2, Spring

SLP 370 Early Speech and Language Development 3

SLP 371 Early Speech and Language Analysis (*when available*) 1

SLP 305 Anatomy and Physiology of Speech and Hearing 3

Year 3, Fall

SLP 467 Acquired Speech and Language Disorders 3

SLP 464 Audiology 4

SLP 470 Later Language Development 3

SLP 471 School-age Analysis of Speech and Language 1

SLP 480 Principles of Research in CSD 2

Year 3, Spring

SLP 465 Developmental Speech and Language Disorders 3

SLP 610 Principles of Evaluation and Assessment 3**Year 4, Fall****SLP 425 Principles of Intervention for Speech and Language Disorders 3**

SLP 663 Managing Hearing Loss in Children and Adults 3

SLP 464 Audiology (if not taken in fall) 4

SLP 464 Acquired Speech and Language Assessment (if not taken in fall) 3

Year 4, Spring

SLP 465 Developmental Speech and Language Disorders (if not taken in Spring) 3

*SLP 426 Intro to Clinical Procedures 2

**SLP 426L Undergraduate Clinic 1

*SLP 426 Introduction to Clinical Procedures (Enrollment one semester only)

**SLP 426L Clinical Practicum (Enrollment will be Spring only-application required)

Core Curriculum (21 credit hours)

SLP 160 Intro to Communication Disorders 3

SLP 303 Speech and Hearing Science 2

SLP 305 Anatomy/Physiology: Speech Mechanism 3

SLP 340 Language Science 3

SLP 370 Early Speech and Language Development 3

SLP 402 Clinical Phonetics 3

SLP 464 Audiology 4

SLP 425 Principles of Intervention for Speech and Language Disorders 3

Required General Education Courses (19 credit hours)

PSY 100 General Psychology 3

BIOL 100 Human Biology (consider lab) 3+(1)

MATH 110 College Algebra 3

MATH 250 Elements of Statistics 3

IDS 350 Diversity in the United States 3

1 of the following 3 courses:

PHYS 102 Physical Science (consider lab) 3+(1)

CHEM 100 Chemist's View of the World 3

PHYS 111 Physics I (consider lab) 3+(1) *does NOT meet General Education Requirements

Education Cognates (6 credit hours)

TEEL 231 Human Growth and Development 3

OR

PSY 400 Child and Developmental Psychology 3

TESP 302 Educating Exceptional Students 3

Other Communication Sciences and Disorders Electives (minimum of 9 hours)

SLP 320 Basic Sign Language - Fall 3

SLP 420 Advanced Sign Language - Spring 3

SLP 414 Undergraduate Research Experience - In consultation with academic advisor 1-3

SLP 440 Characteristics of Autism Spectrum Disorders (when available)

SLP 450 Autism Spectrum Disorders: Social Communication (online course) 3

SLP 663 Managing Hearing Loss - Summer (must be a junior, senior, or grad student) 3

SLP 665 Communication and Aging - Spring (online course) 2

BIO 245 Medical Terminology 2

SLP 473 Communication Disorders in Special Populations 3

*SLP 807 Managing Hearing Loss lab - can be reserved for summer semester

- 807 only needed if students take SLP 663 as an undergraduate. Then when in graduate school will enroll in 807 to partake in practicum for Managing Hearing Loss

Bachelor of Science: Communication Sciences and Disorders (3+2 Program)

Program Summary ([Downloadable PDF](#))

Major Requirements 30 hours

Required General Education Courses 18 hours

Other Gen Ed Courses 37 hours

Education/Psychology Cognates 6 hours

Other Electives 29 hours

Total 120 hours

Courses in bold are **required** for graduation. Elective courses that are **highly recommended** for entry into the graduate program are included in the suggested sequence of courses. General education courses, educational/psychology cognates, and additional CSD electives are listed below:

Year One, Fall

SLP 160 Intro to Communication Disorders 3

SLP 340 Language Science 3

IDS 101 Freshman Seminar 1

Year One, Spring

SLP 402 Phonetics 3

SLP 370 Early Speech and Language Development 3

SLP 371 Early Speech and Language Analysis 1

Year Two, Fall

SLP 305 Anatomy and Physiology of Speech and Hearing 3

SLP 470 Later Language Development 3

SLP 471 School-Age Analysis of Speech and Language 1

Year Two, Spring

SLP 303 Speech and Hearing Science 2

SLP 464 Audiology 4

Year 3, Fall

SLP 425 Principles of Intervention for Speech and Language Disorders 3

SLP 663 Managing Hearing Loss in Children and Adults 3

Year 3, Spring

SLP 610 Principles of Evaluation and Assessment 3

*SLP 426 Introduction to Clinical Procedures 2

**SLP 426L Undergraduate Clinic 1

Required General Education Courses (18 credit hours)

PSY 100 General Psychology 3

BIOL 100 Human Biology (consider lab) 3

MATH 110 College Algebra 3

MATH 250 Elements of Statistics 3

IDS 350 Diversity in the United States 3

1 of the following 3 courses:

PHYS 102 Physical Science (consider lab) 3

CHEM 100 Chemist's View of the World 3

PHYS 111 Physics I (consider lab) 3 *does NOT meet General Education Requirements

Education Cognates (6 credit hours)

TEEL 231 Human Growth and Development

OR

PSY 400 Child and Developmental Psychology 3

TESP 302 Educating Exceptional Students 3

Other Electives (14-16 credit hours)

SLP 320 Basic Sign Language 3

SLP 340 Characteristics of ASD 3

SLP 420 Advanced Sign Language 3

SLP 414 Undergraduate Research Experience - In consultation with academic advisor 1-3

SLP440 ASD: Social Communication 3

SLP 664 Hearing Loss in Older Adults 2

SLP 665 Communication and Aging 2

Master of Science: Communication Sciences and Disorders

Program Summary ([Downloadable PDF](#))

Major Requirements 30 hours

Required General Education Courses 18 hours

Other Gen Ed Courses 37 hours

Education/Psychology Cognates 6 hours

Other Electives 29 hours

Total 120 hours

Courses in bold are **required** for graduation. Elective courses that are **highly recommended** for entry into the graduate program are included in the suggested sequence of courses. General education courses, educational/psychology cognates, and additional CSD electives are listed below:

Year One, Fall

SLP 160 Intro to Communication Disorders 3

SLP 340 Language Science 3

IDS 101 Freshman Seminar 1

Year One, Spring

SLP 402 Phonetics 3

SLP 370 Early Speech and Language Development 3

SLP 371 Early Speech and Language Analysis 1

Year Two, Fall

SLP 305 Anatomy and Physiology of Speech and Hearing 3

SLP 470 Later Language Development 3

SLP 471 School-Age Analysis of Speech and Language 1

Year Two, Spring

SLP 303 Speech and Hearing Science 2

SLP 464 Audiology 4

Year 3, Fall

SLP 425 Principles of Intervention for Speech and Language Disorders 3

SLP 663 Managing Hearing Loss in Children and Adults 3

Year 3, Spring

SLP 610 Principles of Evaluation and Assessment 3

*SLP 426 Introduction to Clinical Procedures 2

**SLP 426L Undergraduate Clinic 1

Required General Education Courses (18 credit hours)

PSY 100 General Psychology 3

BIOL 100 Human Biology (consider lab) 3

MATH 110 College Algebra 3

MATH 250 Elements of Statistics 3

IDS 350 Diversity in the United States 3

1 of the following 3 courses:

PHYS 102 Physical Science (consider lab) 3

CHEM 100 Chemist's View of the World 3

PHYS 111 Physics I (consider lab) 3 *does NOT meet General Education Requirements

Education Cognates (6 credit hours)

TEEL 231 Human Growth and Development

OR

PSY 400 Child and Developmental Psychology 3

TESP 302 Educating Exceptional Students 3

Other Electives (14-16 credit hours)

SLP 320 Basic Sign Language 3

SLP 340 Characteristics of ASD 3

SLP 420 Advanced Sign Language 3

SLP 414 Undergraduate Research Experience - In consultation with academic advisor 1-3

SLP440 ASD: Social Communication 3

SLP 664 Hearing Loss in Older Adults 2

SLP 665 Communication and Aging 2

Certificates in Communication Sciences and Disorders

CSD B.S. 2nd Degree, No SLPA Certification (30 hours minimum)

- 21 core hours
- 9 CSD elective hours (variable depending on previous degree)
- Additional cognate courses may be needed depending on previous degree.

Core: 21 Hours	Credit Hours
SLP 160 Intro to Communication Disorders	3
SLP 305 Anatomy and Physiology of Speech & Hearing	3
SLP 370 Early Speech and language Development	3
SLLP 402 Phonetics	3
SLP 303 Speech and Hearing Science	2
SLP 464 Audiology	4
SLP 425 Principles of Intervention for Speech and Language Disorders	3

- 9 elective hours (variable depending on previous degree)

Electives: Choose a minimum of 9 Hours	Credit Hours
SLP 340 Language Science	3
SLP 470 Later Language Development	3
SLP 610 Principles of Evaluation and Assessment	3
SLP 450 Autism Spectrum Disorders: Social Communication	3
SLP 665 Communication and Aging	2
SLP 414 Independent Study in Communication Disorders	1-3
BIOL 245 Medical Terminology	2
SLP 473 Communication Disorders in Special Populations	3
SLP 467 Acquired Speech and Language Disorders	3

- Psychology, biology, physics or chemistry, and statistics if not previously completed

Required CSD Cognate Courses	Credit Hours
PSY 100 General Psychology	3
BIOL 100 Human Biology (Consider Lab)	3 +(1)
MATH 110 College Algebra	3

MATH 250	Elements of Statistics	3
IDS 350	Diversity in the United States	3
1 of the following 3 courses:		
PHYS 102	Physical Science (Consider Lab) or	3 +(1)
CHEM 100	Chemist's View of the World or	3
PHYS 111	Physics I (Consider Lab) **Does not meet Gen. Ed. requirement	3 +(1)

CSD B.S. Degree + SLPA Certification

Program requirements:

- 21 CSD core hours
- 9 CSD elective hours (minimum)
- 19 CSD cognate hours
- 6 Educational cognate hours
- 12 Clinical preparation hours (minimum)

120 hours total needed for B.S. Degree

You will need to take the following 21 core hours:

Core: 21 Hours	Credit Hours
SLP 160 Intro to Communication Disorders	3
SLP 305 Anatomy and Physiology of Speech & Hearing	3
SLP 370 Early Speech and language Development	3
SLP 402 Phonetics	3
SLP 303 Speech and Hearing Science	2
SLP 464 Audiology	4
SLP 425 Principles of Intervention for Speech and Language Disorders	3

You will need to take at least 9 elective hours from the following courses:

Electives: Choose a minimum of 9 Hours	Credit Hours
SLP 340 Language Science	3
SLP 470 Later Language Development	3
SLP 610 Principles of Evaluation and Assessment	3
SLP 450 Autism Spectrum Disorders: Social Communication	3
SLP 665 Communication and Aging	2
SLP 414 Independent Study in Communication Disorders	1-3
BIOL 245 Medical Terminology	2
SLP 473 Communication Disorders in Special Populations	3
SLP 467 Acquired Speech and Language Disorders	3

You will need to complete the following required CSD cognate hours

Required CSD Cognate Courses	Credit Hours
PSY 100 General Psychology	3
BIOL 100 Human Biology (Consider Lab)	3 +(1)
MATH 110 College Algebra	3

MATH 250	Elements of Statistics	3
IDS 350	Diversity in the United States	3
1 of the following 3 courses:		
PHYS 102	Physical Science (Consider Lab) or	3 +(1)
CHEM 100	Chemist's View of the World or	3
PHYS 111	Physics I (Consider Lab) **Does not meet Gen. Ed. requirement	3 +(1)

You will need to take the following 6 cognate hours

Educational Cognates: 6 hours		Credit Hours
TEEL 231 OR PSY 400	Human Growth and Development OR Child & Developmental Psychology	3
TESP 302	Educating Exceptional Students	3

You will need to take at least 12 clinical preparation hours from the following courses or clinical experience practicum.

Clinical Preparation: 12 hours minimum (up to 18 hours as needed)		Credit Hours
SLP 465	Developmental Speech and Language Disorders	3
SLP 428	Clinical Observation and Application	3
SLP 429	Seminar/Special Topics for the SLPA	3
SLP 490	Clinical Experience Practicum [1]	3

[1] Repeatable for up to 9 credit hours.

SLPA Certification with previous CSD B.S./B.A. degree:

- 12 clinical preparation hours (minimum)

Clinical Preparation: 12 hours minimum (up to 18 hours as needed)		Credit Hours
SLP 465	Developmental Speech and Language Disorders	3
SLP 428	Clinical Observation and Application	3
SLP 429	Seminar/Special Topics for the SLPA	3
SLP 490	Clinical Experience Practicum [1]	3

[1] Repeatable for up to 9 credit hours.

SLPA Certification with CSD 2nd degree:

- 21 core hours
- 12 clinical preparation hours
- Additional cognate courses may be needed depending on previous degree.

Core: 21 Hours		Credit Hours
SLP 160	Intro to Communication Disorders	3
SLP 305	Anatomy and Physiology of Speech & Hearing	3
SLP 370	Early Speech and language Development	3
SLP 402	Phonetics	3
SLP 303	Speech and Hearing Science	2
SLP 464	Audiology	4
SLP 425	Principles of Intervention for Speech and Language Disorders	3

- Psychology, biology, physics or chemistry, and statistics if not previously completed
- 9 elective hours (variable depending on previous degree)

- 12 clinical preparation hours (minimum)

Clinical Preparation: 12 hours minimum (up to 18 hours as needed)		Credit Hours
SLP 465	Developmental Speech and Language Disorders	3
SLP 428	Clinical Observation and Application	3
SLP 429	Seminar/Special Topics for the SLPA	3
SLP 490	Clinical Experience Practicum [1]	3
[1] Repeatable for up to 9 credit hours.		

Electives: Choose as desired		Credit Hours
SLP 340	Language Science	3
SLP 470	Later Language Development	3
SLP 610	Principles of Evaluation and Assessment	3
SLP 450	Autism Spectrum Disorders: Social Communication	3
SLP 665	Communication and Aging	2
SLP 414	Independent Study in Communication Disorders	1-3
BIOL 245	Medical Terminology	2
SLP 473	Communication Disorders in Special Populations	3
SLP 467	Acquired Speech and Language Disorders	3

- Psychology, biology, physics or chemistry, and statistics if not previously completed

Required CSD Cognate Courses		Credit Hours
PSY 100	General Psychology	3
BIOL 100	Human Biology (Consider Lab)	3 +(1)
MATH 110	College Algebra	3
MATH 250	Elements of Statistics	3
IDS 350	Diversity in the United States	3
1 of the following 3 courses:		
PHYS 102	Physical Science (Consider Lab) or	3 +(1)
CHEM 100	Chemist's View of the World or	3
PHYS 111	Physics I (Consider Lab) **Does not meet Gen. Ed. requirement	3 +(1)

- May be required depending on previous degree

Educational Cognates: 6 hours		Credit Hours
TEEL 231 OR PSY 400	Human Growth and Development OR Child & Developmental Psychology	3
TESP 302	Educating Exceptional Students	3

Course Listings – Communication Sciences and Disorders

Speech-Language Pathology

Undergraduate Credit

140 Communication Disorders in Society (1) This course explores communication disorders as they are presented in society. Specific types of communication disorders will be reviewed with an emphasis on known characteristics of these disorders and how these characteristics may or may not be portrayed in society. The media and literature play an important role on how the general public perceives individuals who present with communication disorders.

160 Introduction to Communication Disorders (3) The basic course covering speech-language-hearing disorders and intervention methods.

303 Speech and Hearing Science (2) Course covering the acoustics and psychoacoustics of sound, phonation, and resonance related to speech and hearing.

305 Anatomy and Physiology: Speech-Hearing Mechanism (3) Study of the anatomy and physiology of the speech and hearing mechanism.

318 Accent Modification for International Speakers (2) This course provides instruction for the non-native speaker of American English wanting to improve pronunciation and intelligibility. The class involves lecture, oral exercises, and small group practice. This course is not for the student who is beginning to study English and does not guarantee a passing score on the Speaking Proficiency English Assessment Kit (SPEAK) or the Test of Spoken English (TSE).

318L Accent Modification for International Speakers Lab (1) The lab allows for individualized instruction and practice. The lab is a one-on-one or small group experience outside of the class scheduled time. This course is not for the student who is beginning to study English and does not guarantee a passing score on the Speaking Proficiency English Assessment Kit (SPEAK) or the Test of Spoken English (TSE).

320 Basic Sign Language (3) An introductory course in American Sign Language. The course will serve to teach basic sign language for the purpose of communicating with deaf individuals.

340 Language Science (3) This course provides majors in Communication Disorders basic knowledge of morphology and syntax to prepare them to analyze spoken and written language.

370 Early Speech and Language Development (3) Study of the development of the communication process from birth through the preschool years with emphasis on the milestones in the child's development of the phonologic, morphologic, syntactic, semantic, and pragmatic systems. Relationships of

cognitive and social skills as well as theories of development will be examined.

371 Early Speech and Language Analysis (1) Application of research-based methods to evaluate the nonverbal and verbal language skills of typically developing children through the preschool years (i.e., morphology, syntax, semantics and pragmatics). Requisites: PR, SLP 370.

402 Clinical Phonetics (3) Study of the perception and production of speech sounds. Deals with phonetics as it applies to speech disorders.

414 Independent Study in Communication Disorders + (1-3) Students may complete readings, investigate problems, or complete research projects in the area of communication disorders. Requisites: PERM instructor.

420 Advanced Sign Language (3) This course will help individuals communicate with deaf individuals on an intermediate level. It serves to expand the understanding of language through an alternate form of communication. Requisites: PR, SLP 320.

425 Principles of Intervention Speech and Language Disorders (3) Study of intervention principles and strategies for persons with speech and language disorders across the lifespan.

426 Introduction to Clinical Procedures (2) Covers basic clinical application of evaluation and intervention procedures in various settings. Students enroll concurrently in clinical practicum. Requisites: PR, SLP 412.

426L Clinical Practicum + (1) Students are to provide clinical services under staff supervision in settings with preschoolers, school-age children, and adults. Regular planning and evaluation sessions must be scheduled with clinical supervisors. Requisites: PR, PERM.

440 Characteristics of Autism Spectrum Disorders (3) The student will identify and briefly describe the general characteristics of autism spectrum disorders and the specific characteristics that may help in making a differential diagnosis among the disorders that compose the spectrum of disorders in this classification system. In addition, students will identify assessment and intervention programs appropriate for children diagnosis as presenting ASD.

450 Autism Spectrum Disorders: Social - Communication (3) The student will learn to identify the characteristics of individuals who present autism spectrum disorder and social communication issues presented by these individuals. The student will describe and analyze current assessment and intervention practices in the areas of social

communication appropriate for individuals with autism spectrum disorder. This course includes group discussions, in-class applied activities, and the development of tools to be utilized during clinical practice.

464 Audiology (4) Study of pure-tone audiometry, speech audiometry, and masking. Surveys auditory pathologies and their differential diagnosis. Lab included. Requisites: PR, SLP 303, SLP 305, or equivalent, or PERM.

465 Developmental Speech and Language Disorders () This course provides foundational knowledge about speech sound disorders, language disorders, tools that are used to identify speech and language disorders, application activities associated with common types of speech and language disorders, and information about how various interventions are implemented to remediate those disorders.

470 Later Language Development (3) Study of typical language acquisition and development in school-age children and adolescents including research and theory related to later language development in the areas of morphology, syntax semantics, and pragmatics. Will include discussion of the relationship between reading, writing and language; as well as other variables influencing later language acquisition and learning.
Requisites: PR, SLP 370 or PERM.

471 School-Age Speech and Language Analysis (1) Training in the acquisition, transcription, and analysis of speech and language skills for school-age students.
Requisites: PR, SLP 370; CR, SLP 470.

472 Special Populations in Communication Sciences & Disorders () This course is an elective, three hour, undergraduate-level course designed to teach students about special populations in the field of communication sciences and disorders. This course is designed for undergraduates who are interested in becoming a professional in the field of communication disorders in addition to students interested in related fields such as education, special education, nursing, psychology, occupational therapy, and other service-related fields. Students will not only learn about individuals with various disabilities but also how to value these individuals as a whole person in order to provide support in the area of communication.

480 Principles of Research in Communication Sciences and Disorders () This course provides an introduction to basic topics of scientific research in communication sciences and disorders. The course places emphasis on understanding and critiquing professional research articles and the common statistical methods used to report findings, with special consideration of the role of research in evidence-based practice.

Speech-Language Pathology

Undergraduate/Graduate Credit

610 Principles of Evaluation and Assessment (3) Principles and methods for diagnosis and appraisal of speech-language disorders with an emphasis on the psychometric properties of standardized tests.

617 Clinical Procedures in Public Schools (2) Study of current issues and procedures relevant to the clinical practice of speech- language pathology within the public schools of the state and nation. Requisites: PR; PERM

653 Articulation/Phonological Disorders () Study of articulatory/phonological disorders, assessment and intervention principles and practices.

663 Managing Hearing Loss in Children and Adults (3) Study of theories and methods for hearing habilitation/rehabilitation including amplification, speech reading, auditory training, hearing aid orientation, and speech and voice conservation for infants through geriatrics. Requisites: PERM.

664 Hearing Loss in Older Adults (2) This course is intended to provide an overview of hearing loss in older adults. An explanation of causes of hearing loss in this population and communication strategies to use will be discussed. It may be used as an elective within the SLP undergraduate major or an elective in the SLP graduate program, but will not replace SLP 857. Requisites: PR, junior standing or PERM.

665 Communication and Aging (2) Course designed to present the effects of the normal aging process on communication skills of older adults. Facilitation techniques enhancing communication exchanges among family members and other professionals working with older adults will be stressed. Requisites: PR, Junior Standing,, Senior Standing or PERM.

672 Problems in Speech-Language Pathology + (1-5) Individual study of a non-research problem. Requisites: PERM of aca- demic area advisor.

682 Readings in Speech-Language Pathology + (1-3) Readings and written reports on special topics in speech-language pathology. Requisites: PERM.

Speech-Language Pathology

Graduate Credit

801 Graduate Practicum I (1-3) This practicum represents the first semester of enrollment for graduate students. Students will learn the clinical processes involved in the clinical management of cases (Code of Ethics, Clinic Handbook, etc.). Since this is the first clinical enrollment for graduate students, supervision of clinical services will be closely supervised and may require 100% supervision, which will be adjusted according to the needs of the student and the client(s) being served. Requisite: Graduate standing.

802 Graduate Practicum II (1-3) This practicum represents the second semester of enrollment for graduate students. Students will be expected to demonstrate the skills from Graduate Practicum I and demonstrate independence under frequent supervision, which will be adjusted according to the needs of the student and the clients being served.

803 Graduate Practicum III (1-3) This practicum represents the third semester of enrollment for graduate students. Students at this level will be expected to demonstrate the skills from Graduate Practicum I and II and will be able to explain their rationale for clinical decisions and revise clinical goals and strategies as needed. The student will explain the clinical processes and will demonstrate consistent ability to make clinical decisions under the supervision of credentialed individuals, which will be adjusted according to the needs of the student and the client(s) being served. Requisite: SLP 802 or PERM.

804 Graduate Practicum IV (1-3) This enrollment represents the fourth and subsequent semesters of enrollment for graduate students. Students will continue to enroll in this level until the externship enrollment. This practicum is also supervised by credentialed individuals, which will be adjusted according to the needs of the student and the client(s) being served. Requisite: SLP 803 or PERM.

805 Practicum in Evaluation and Assessment (1) Students in this practicum will be involved with clinical evaluations within the clinical education program.

806 Graduate Practicum in Healthcare (2) Students will enroll in this program during the semester they are enrolled in the healthcare practicum prior to externship experience. This practicum is supervised by credentialed individuals, which will be adjusted according to the needs of the student and the client(s) being served. Requisite: Coursework in neuroanatomy; aphasia and dementia and PERM.

807 Aural Rehabilitation Clinical Experience (1) A required lab which provides supervised clinical experience in aural rehabilitation. Requisites: PR, SLP 663 or PERM.

809 Education Externship (6) Student will complete a minimum of an 8-week practicum at an educational facility working alongside an AHSA certified speech-language pathologist in the evaluation and treatment of patients at the facility. Requisites: PR, SLP 803 or PERM.

810 Professional Issues in SLP+ (2) Presents principles and methods in clinical areas such as private practice, self-assessments, training of paraprofessionals, roles as a consultant, resource person, and multi-disciplinary team member.

811 Medical Externship (6) Student will complete a minimum of an 8-week practicum at a medical facility working alongside a ASHA certified speech-language pathologist in the evaluation and treatment of patients at the facility.

812 Clinical Collaboration in Speech-Language Pathology (2) This course provides a broad overview of contemporary issues related to working with families and clients with communication disorders, supervision of student clinicians and/or paraprofessionals, and collaboration with other professionals in education and medical settings. This course

includes group discussions, in-class applied activities, and the development of tools to be utilized during clinical practice.

813 Assessment & Intervention in Diverse Populations (2) Presents principles and procedures in assessment and intervention for speech-language pathologists working with persons from diverse populations. Requisites: PR, SLP 681.

814 Independent Study in Communication Disorders (1-3) Provides advanced students an opportunity to complete in-depth readings, investigate problems, or complete research projects in the area of communication disorders. Requisites: PERM of advisor and instructor.

815 Autism Spectrum Disorders: Social-Communication (3) The student will summarize the characteristics of individuals who present autism spectrum disorder and the social-communication issues presented by these individuals. The student will analyze and apply current assessment and intervention practices appropriate for individuals with autism spectrum disorder. This course includes group discussions, in-class applied activities, and the development of tools to be utilized in clinical practice.

816 Clinical Practicum in Audiology + (1) Provides supervised clinical evaluation experience in the area of audiology. Requisites: PR, SLP 658 or equivalent and PERM.

817 Research in Communication Sciences and Disorders (3) Course introduces students to graduate study and examines methods of research in communication sciences and disorders. Requisites: PR, graduate standing.

820 Research Development (1) Graduate students in Communication Sciences and Disorders will assist in developing an individual or group research project related to clinical practice with the guidance of a graduate faculty research advisor. Requisites: PR, SLP 817.

822 Applied Research Experience (2) Students will assist in the completion of a research project culminating in an oral presentation individually or as a group at the end of the semester. Requisites: PR, SLP 817 and SLP 820.

834 Dysphagia (2) Focus on trends and issues for speech-language pathologists related to assessment and intervention with individuals across the life span requiring ventilator dependency or those presenting swallowing disorders. Students will integrate and refine skills in evaluation, assessment, and planning of intervention programs for these disorders.

835 Augmentative and Alternative Communication (2) Course designed to present information on augmentative-alternative communication (AAC) with emphasis on various AAC systems and strategies available for individuals with severe communication disabilities. The assessment and intervention process for AAC will be presented. Requisites: PR, SLP 662, graduate standing, or PERM.

836 Advanced Audiology for the SLP (2) Study of audiometric theories and practice for speech-language pathologists. Requisites: PR, SLP 658 or equivalent.

840 Speech Sound Disorders: Assessment & Intervention (2) This course provides advanced study of speech sound disorders in children. The following disorders will be examined and include the study of assessment and intervention of articulation and phonological disorders, childhood apraxia of speech, cleft palate, oral myofunctional disorders, speech of the deaf/hard of hearing.

855 Fluency Disorders (2) Study of various theories and treatments for fluency disorders. Examines assessment procedures. Requisites: CL, SLP 855L.

856 Voice and Motor Speech Disorders (3) Study of acquired disorders related to the speech mechanism including respiration, resonance, phonation, and articulation.

862 Language Disorders: Early Language (2) Evaluation, assessment and intervention practices for persons in the early stages of language development (i.e., early words to simple sentences).

863 Language Disorders: Later Language (2) Evaluation and intervention practices for persons with language disorders in the later states of language development (i.e., complex language). Requisites: PR, SLP 862.

869 Topics in Speech-Language Pathology/Audiology + (1-3) Current topics in speech-language pathology are studied. Topics will vary.

882 Seminar in Speech-Language Pathology + (1-3) Designed to give graduate students an opportunity for in-depth study into any area of speech-language hearing.

889 Neuroanatomy (2) An overview of the anatomy and physiology of the central and peripheral nervous systems, with emphasis on the neurological control of cognitive, language and speech processes. Students are introduced to the types of neurological impairments that may result in disorders of speech, language, and related functions. Requisites: PR, SLP 305, or equivalent.

890 Cognitive Linguistic Communication Disorders (3) Students will differentiate cognitive linguistic communication disorders on the basis of the site of neurologic damage and patterns of behavioral communication characteristics. Students will integrate and refine skills in the evaluation, assessment, and planning of intervention programs. Requisites: PR, SLP 889.

899 Thesis in Speech-Language Pathology + (1-6) Will provide an additional option for the student that has only minor revisions in order to complete thesis. Requisites: PR, PERM.

Department of Health and Human Performance

For updated information, see our website at www.fhsu.edu/hhp/.

The purpose of the Department of Health and Human Performance is to educate students through the study and practice of the health sciences, the art and science of human movement, and leisure time pursuits. The undergraduate and graduate programs prepare individuals as educators and professionals. Graduates work in education and non- educational settings in business and/or industry, government, athletic training, and the allied health fields. In addition to the emphasis on quality instruction, departmental faculty are involved in scholarly activity, involve students in scholarly activity, and are heavily involved in service to the university, profession, and community. Program graduates are provided a foundation for entry into graduate school, for employment requiring well-developed analytical and communication skills, and for coping with the global complexities of the 21st century.

The role of the Department of Health and Human Performance is directly related to the mission of the institution by providing accessible quality education to Kansas, the nation, and the world through an innovative community of teacher-scholars and professionals. Through a combination of a traditional and a virtual learning environment, the department is committed to the development of engaged global citizen-leaders.

Department of Health and Human Performance Faculty & Staff

See department page online for full listing

Associate of General Studies: Massage Therapy Program Emphasis

The Associate degree in General Studies (AGS) with an emphasis in Massage Therapy is a two-year program. By completing this program, students will be able to set and meet short-term education goals and can easily move on to achieving a four-year degree of their choice. Students gain critical-thinking, problem-solving, math and communication skills that are necessary in a Massage Therapy or related career.

When you graduate with an AGS degree you'll be well prepared to pursue a four-year degree or enter the work force. Associate degree holders typically earn more than those without any degree, plus having an associate degree on your resume shows future employers you've set goals and accomplished them.

Students who earn the AGS degree with an emphasis in Massage Therapy receive the value-added bonus of concurrently earning the Massage Therapy Certificate.

General Education Program Requirements

Foundation Studies (15 hours)

COMM 100 Fundamentals of Oral Communication (3)
MIS 101 Introduction to Computer Information Systems (3)
ENG 101 English Composition I (3)
ENG 102 English Composition II (3)
MATH 101 Liberal Arts Mathematics (3) or
MATH 110 College Algebra (3)

Liberal Arts (21 hours)

International Studies (choose one course) (3 hours)

ENG 125 World Literature and the Human Experience (3)
GSCI 110 World Geography (3)
HIST 111 Modern World Civilization (3)

Distribution (18 hours)^{SEP}

Course areas used to complete requirements under International Studies allow a student to take only 1 additional course in that area under distribution for General Education credit.

Humanities (6 hours)(no more than one course in each area)

Art

ART 180 Fundamentals & Appreciation of Art (3)
ART 280 Approaches to Creativity (3)

ART 380 Survey of Art History (3)

Communication Studies

COMM 125 Introduction to Motion Pictures (3)

COMM 318 Communication in Human Organizations (3)

English

ENG 125 World Literature and the Human Experience (3)

ENG 126 Introduction to Literature (3)

ENG 327 Introduction to Fiction (3)

Modern Languages

Beginning 1 or 2 course(s) in any language. (May not be used as General Education for students earning the B.A. degree)

MLNG 112 Great Works in Translation (3)

Multiculturalism

IDS 350 Diversity in the U.S. (3)

Music

MUS 161 Listening to Music (3)

MUS 391 Jazz (3)

THTR 120 Introduction to Theatre (3)

Philosophy

PHIL 100 General Logic (3)

PHIL 120 Introduction to Philosophy (3)

PHIL 340 Ethics (3)

Mathematics and Natural Sciences (6 hours) (no more than one course in each area)

Biological Sciences

BIOL 100 Human Biology* (3)

BIOL 102 Lab Experience in Biology (1)

BIOL 200 Humans and The Environment* (3)

BIOL 300 Human Heredity* (3)

Chemistry

CHEM 100 Chemist's View of the World (3)

CHEM 105 Introduction to the Chemistry Lab (1)

CHEM 112 General Chemistry I and Lab** (3)

CHEM 114 General Chemistry II and Lab** (3)

Geosciences

GSCI 100 Introduction to Geology* (3)

GSCI 101 Elements of Physical Geography (3)

GSCI 102 Introduction to Geology Laboratory (1)

GSCI 340 Environmental Geology* (3)

Mathematics and Computer Science

MATH 234 Analytic Geometry & Calculus I (3)

MATH 250 Elements of Statistics (3) or

CIS 200 Elements of Statistics (3)

MATH 331 Calculus Methods (3)

Physics

PHYS 102 Physical Science (3)

PHYS 103 Physical Science Laboratory (1)

PHYS 208 Elementary Meteorology* (3)

PHYS 309 Descriptive Astronomy* (3)

*Course can be completed with optional 1 hr lab

**Course fulfills 1 hr lab requirement

Social and Behavioral Sciences (6 hours) (no more than one course in each area)

Economics

ECFI 201 Principles of Economics: Micro (3)

ECFI 202 Principles of Economics: Macro (3)

ECFI 205 Theory & Practice of Personal Finance (3)

History

HIST 110 World Civilization to 1500 (3)

HIST 130 United States History to 1877 (3)

HIST 131 United States History Since 1877 (3)

Multiculturalism

IDS 350 Diversity in the U.S. (3)

Political Science

POLS 101 American Government (3)
 POLS 230 Introduction to International Relations (3)
 POLS 300 Current Political Issues (3)

Psychology

PSY 100 General Psychology (3)
 PSY 300 Abnormal Psychology (3)
 PSY 340 Social Psychology (3)

Sociology

SOC 140 Introduction to Sociology (3)
 SOC 355 Sociology of Death and Dying (3)
 SOC 388 Sociology of the Family in America (3)

Italics denote general education courses required for the teacher education program.

All courses are 3 credit hours except for the labs.

Free Electives (12 hours)

Certificate Requirements

First Semester

MTP 100 Basic Massage Techniques (2 Credit Hours) On-campus
 MTP 102 VA Fiscal Management and Ethical Practices (2 Credit Hours) Virtual
 MTP 104 VA Structural Anatomy for Massage Therapy (2 Credit Hours) Virtual
 MTP 106 VA Structure and Function of the Body I for MT (2 Credit Hours) Virtual
 MTP 108 Massage Lab I (4 Credit Hours) On-campus
 MTP 110 Massage Clinic I (2 Credit Hours) On-campus

Second Semester

MTP 120 Advanced Massage Techniques (2 Credit Hours) On-campus
 MTP 122 VA Pathophysiology for Massage Therapy (3 Credit Hours) Virtual
 MTP 124 VA Functional Kinesiology for Massage Therapy (2 Credit Hours) Virtual
 MTP 126 VA Structure and Function of the Body II for MT (2 Credit Hours) Virtual
 MTP 128 Massage Lab II (4 Credit Hours) On-campus
 MTP 130 Massage Clinic II (2 Credit Hours) On-campus
 MTP 150 Externship in Massage Therapy (3 Credit Hours) On-site

Total Credit Hours for Certificate: 32

Bachelor of Science: Health and Human Performance

The program requires a minimum total of 120-hours. Students must meet the general education requirements of the university or the Transfer and Articulation agreement; complete the 25-hour HHP core, 23-25 hours of required cognates, 12-13 HHP elective hours and 12 hours of open electives. University graduation requirements also require 45 hours of upper division credit and a minimum of 60 hours completed at a 4 year institution. Working with an advisor, both requirements can be met through the program.

General Education Hours	34
<ul style="list-style-type: none"> a 34-hour university general education program. The goal of this program and framework of this program is designed to provide maximum transferability and flexibility for students within the Kansas Board of Regents (KBOR) system. For a full listing of current FHSU courses that apply toward the KBOR Systemwide Transfer GE program please visit our website. 	

Health and Human Performance Core*	24
HHP 201 Concepts of Physical Fitness	(1)
HHP 210 Intro to Health and Human Performance	(3)
HHP 220 Responding to Emergencies	(3)
HHP 280 Care and Prevention of Exercise and Sport Injuries	(3)
HHP 330 Adapted/Special Physical Education	(3)
HHP 340 Tests and Measurements in HHP	(2)
HHP 390 Physiology of Exercise	(3)
HHP 440 Kinesiology	(3)

HHP 450 Program Organization and Administration	(3)
Cognates	6
HHP 200 Personal Wellness (if not taken as a General Education Course)	(3)
HHP 473 Culminating Experience	(3)
Suggested Electives	20
HHP 230 Principles of Nutrition	(3)
HHP 310 Consumer Health	(2)
HHP 312 Fitness Leadership	(2)
HHP 314 Issues in Health Education	(2)
HHP 371 Health Promotion and Wellness	(3)
or HHP 480 Leisure Programming for the Elderly	(2)
HHP 430 Motor Learning	(3)
or HHP 635 Motor Behavior	(3)
Additional Electives (approved by advisor)	15 - 18
Total Hours	120

Program Contact

For more information, contact the department to see if the Bachelor of Science degree in Health and Human Performance could be right for you.

Bachelor of Science: Health and Human Performance (Exercise Science)

Are you interested in working with people to promote well-being through applying solutions to health problems related to physical inactivity. If you are, Exercise Science is the concentration for you. In Exercise Science, you focus on human response and adaptation to exercise by studying the underlying mechanisms that affect exercise and how exercise contributes to individual health.

Your 120-hour degree program of study includes:

- a 34-hour university general education program. The goal of this program and framework of this program is designed to provide maximum transferability and flexibility for students within the Kansas Board of Regents (KBOR) system. For a full listing of current FHSU courses that apply toward the KBOR Systemwide Transfer GE, program please visit our website.
- a 24-hour core of professional courses common to all Health and Human Performance majors, and
- a 21 hour Sport and Exercise Therapy Concentration Core
- a 20 hour cognate area
-

Program Summary

General Education (34 hours)

Health and Human Performance Core (24 hours)

HHP 201 Concepts in Fitness (1)
HHP 210 Introduction to HHP (3)
HHP 220 Responding to Emergencies (3)
HHP 280 Care & Prevention of Exercise and Sport Injuries (3)
HHP 330 Adapted/Special P.E. (3)
HHP 340 Tests & Measurements (2)
HHP 390 Physiology of Exercise (3)
HHP 440 Kinesiology (3)
HHP 450 Program Organization and Admin. (3)

Exercise Science Concentration Core (21 hours)

HHP ___ Aquatics (1)
HHP 230 Principles of Nutrition (3)
HHP 312 Fitness Leadership (2)
HHP 313 Health Promotion and Wellness (3)
HHP 441 Mechanical Kinesiology (3)
HHP 445 Clinical Exercise Physiology (3)
HHP 447 Inst. In Exercise Physiology (3)
HHP 465 Internship in HHP (2-4)

Cognate Area (20 hours)

HHP 332 Lifespan Nutrition (3)
HHP 473 Culminating Experience
BIOL 345/345L Human Anatomy w/ Lab (4) **OR** BIOL 230/230L Anatomy & Physiology I w/ Lab (4)
BIOL 346/346L Human Physiology w/ Lab (4) **OR** BIOL 231/231L Anatomy & Physiology II w/ Lab (4)
HHP 612 Physiology of Aging
HHP 619 Exercise Testing and Prescription for the Elderly

Recommended Elective Courses for Consideration

The majority of these courses can be taken as a part of the 34 hour General Education requirement and the remaining selections are considered general electives.

MATH 110 College Algebra (3)
BIOL 180 Principles of Biology (3)
BIOL 180L Lab Experience in Biology (1)
BIOL 245 Medical Terminology (2)
CHEM 120 University Chemistry I (3)
CHEM 120L University Chemistry Lab (2)
CHEM 122 University Chemistry II (3)
CHEM 122L University Chemistry Lab (2)
MATH 250 Elements of Statistics (3)
MATH 331 Calculus Methods (3)
PHYS 111 Physics I (4)
PHYS 111L Physics I Lab (1)
PHYS 112 Physics II (4)
PHYS 112L Physics II Lab (1)
IDS 350 Diversity in the United States Political Science (3)
PSY 100 General Psychology (3)
PSY 300 Abnormal Psychology (3)
SOC 140 Introduction to Sociology (3)
IDS 400 Bioethics (3)

Bachelor of Science: Health and Human Performance (Health Promotion and Fitness)

Health promotion and wellness activities take place in a range of institutions from private clinics to fitness centers throughout the United States. In this concentration, students take classes about proper nutrition, exercise, management, consumer health, and much more. Outreach programs, health fairs, and community activities round out the students' experiences and prepare them with practical skills for the real world. Students have the option of concentrating their studies in Health Promotion, Fitness Programming or Gerontology.

If you pursue the Health Promotion and Wellness track, you will be prepared for a wide range of careers in the areas of wellness, fitness programming, gerontology, personal training, and exercise science. Classes and the internship can be focused toward setting such as cardiopulmonary rehabilitation, fitness leadership, fitness program management, and corporate wellness/fitness.

Your 120-hour program of study includes:

- a 34-hour university general education program. The goal of this program and framework of this program is designed to provide maximum transferability and flexibility for students within the Kansas Board of Regents (KBOR) system. For a full listing of current FHSU courses that apply toward the KBOR Systemwide Transfer GE program please visit our website.
- a 25-hour core of professional courses common to all Health and Human Performance majors, and
- a Health Promotion and Wellness core
- a concentration core along with a selection of classes specific to your area of study
- a selection of general electives designed to complement your area of study

Program Summary

General Education (34 hours)

Health and Human Performance Core (24 hours)

HHP 201 Concepts of Physical Fitness (1)
HHP 210 Intro to Health and Human Performance (3)
HHP 220 Responding to Emergencies (3)
HHP 280 Care and Prevention of Exercise and Sport Injuries (3)
HHP 330 Adapted/Special Physical Education (3)
HHP 340 Tests and Measurements in HHP (2)
HHP 390 Physiology of Exercise (3)
HHP 440 Kinesiology (3)
HHP 450 Program Organization and Administration (3)

Concentration Core (25-27 hours)

HHP Aquatics Elective (1-3)
HHP 151 Aerobics (1)
HHP 115 Weight Training and Conditioning (1)
HHP 230 Principles of Nutrition (3)
HHP 312 Fitness Leadership (2)
HHP 313 Health and Promotion Wellness (3)
HHP 371 Leisure Programming (3)
HHP 445 Clinical Exercise Physiology (3)
HHP 447 Instrumentation in Ex Physiology (3)
HHP 465 Internship in HHP (3)
HHP 480 Leisure Programming for the Elderly (2)

Area of Specialization

Each student selects an area of specialization from the following areas (17-20 hours)

Health Promotion Course Recommendations

HHP 310 Consumer Health (2)
HHP 320 Communicable and Emergent Diseases (3)
HHP 332 Lifespan Nutrition (3)
HHP 612 Physiology of Aging (3)
HHP 619 Exercise Testing and Prescription (3)
SOC 644 Sociology of Aging for the Elderly (3)
Recommended General Education Courses
BIOL 100 Human Biology (3)
BIOL 102 Lab Experience in Biology (1)

Fitness Program Course Recommendations

HHP 315 Nutrition and Athletic Performance (3)
HHP 435 Personal Training Certification (3)
HHP 612 Physiology of Aging (3)
HHP 619 Exercise Testing and Prescription for Elderly (3)
Internship and/or Aquatics and/or Fitness/Rec Electives (6)

Gerontology Course Recommendations

HHP 371 Leisure Programming for the Elderly (2)
HHP 605 Introduction to Gerontology (3)
HHP 612 Physiology of Aging (3)
HHP 617 Nutrition and Aging (3)
HHP 619 Ex. Testing/Prescription for Elderly (3)
NURS 211 Learning in Older Adulthood (2)
PSY 420 Psychology of Aging (3)
PSY 668 Neuropsychology (3)
SOC 644 Sociology of Aging (3)
SOCW 620 Spiritually Aging
SLP 655 Communication in Aging (2)

Bachelor of Science: Health and Human Performance (K-12 Teaching/Coaching)

Everyday heroes, teachers and coaches shape their students' lives. This concentration prepares students to acquire a K-12 teaching license and lead their own classes.

Education students usually participate in classroom observation early on, making sure that they are on the right path. By graduation, students are familiar with the rules of the major youth sports, the principles of physical education and the basics of classroom management. We also encourage students to get an additional endorsement in Health Education, building on the previous courses in the concentration.

To earn a Bachelor of Science in Health and Human Performance with a concentration of K-12 Teaching you:

- Must be admitted to the **Teacher Education program**, typically by the spring of your sophomore year.
- Must successfully complete course work consisting of a 34-hour University general education program
- Must successfully complete a 25-hour core of professional courses common to all Health and Human Performance majors
- Must complete concentration track of 22-37 hours.

Program Summary

General Education 34 hours

Health and Human Performance Core 24 hours

- HHP 201 Concepts of Physical Fitness (1)
- HHP 210 Intro to Health and Human Performance (3)
- HHP 220 Responding to Emergencies (3)
- HHP 280 Care and Prevention of Exercise and Sport Injuries (3)
- HHP 330 Adapted/Special Physical Education (3)
- HHP 340 Tests and Measurements in HHP (2)
- HHP 390 Physiology of Exercise (3)
- HHP 440 Kinesiology (3)
- HHP 450 Program Organization and Administration (3)

Teaching Concentration

- HHP Aquatics (1-3)
- HHP 151 Aerobics (1)
- HHP 115 Weight Training and Conditioning (1)
- HHP 231 Children's Rhythm and Movement (3)
- HHP 260 Intro to Lifetime Sports (1)
- HHP 261 Intro to Racquet Sports (1)
- HHP 262 Intro to Team Sports (1)
- HHP 263 Intro to Field Sports (1)
- HHP 277 Early Field Experience in Physical Education (2)
- HHP 290 Intro to Coaching (2)
- HHP 312 Fitness Leadership (2)
- HHP 314 Issues in Health Education (2)
- HHP 410 Elementary School Physical Education Curriculum (2)
- HHP 420 Curriculum & Methods in Secondary Physical Education (3)
- HHP 430 Motor Learning (2)

Professional Studies Courses

- TEEL 202 Foundations of Education (3)
- TEEL 231 Human Growth and Development (3)
- TECS 301 Introduction to Instructional Technology (3)
- TESP 302 Educating Exceptional Students (3)
- TEEL 431 Educational Psychology (3)
- TESS 494 Secondary School Experience (4)

Student Teaching Block

- TEEL 496 Directed Teaching Elementary (5)
- TEEL 675 Seminar in Education (1)
- TESS 496 Directed Teaching Secondary (6)

Optional Health Education Endorsement

- HHP 230 Principles of Nutrition (3)
- HHP 300 Methods and Materials for Teaching Health K-12 (3)
- HHP 310 Consumer Health (2)
- HHP 320 Communicable and Emergent Diseases (2)
- HHP 400 Safety Education (2)
- PSY 100 General Psychology (3)
- SOC 140 Introduction to Sociology (3)
- BIOL 100 Human Biology (3)

Bachelor of Science: Health and Human Performance (Recreation or Sports Management)

In this concentration, students can select to concentrate their studies in Recreation Programming or Sport Management. Students try everything from aquatics to volleyball; recreation programming to sports administration. Course work in the desired area is complemented with hands-on experiences in recreation programming and sports management administration.

Students gain hands-on experience working with all ages through partnerships with local nursing homes, the Hays Recreation Commission, FHSU Athletics and FHSU Intramurals. Recreation and Sports Management alumni find themselves employed anywhere from community/private recreation centers, athletic administration positions at all academic levels (collegiate to middle school) and professional sports teams.

A Unique Opportunity: Fort Hays State University has partnered with [Sports Management Worldwide](#), SMWW, the global leader in online sports business education, to give students the opportunity to gain a “what you know” and “who you know” real-world experience of working in the field while getting your degree. You will have the opportunity to work with sports entities in the specific field you want to work in; basketball, baseball, football, hockey, soccer, golf, tennis, racing, MMA, rugby, or cricket. You will even find courses in esports, cryptocurrency, and sports betting! Interested, contact the Department of Health and Human Performance for more information on this opportunity.

Your 120-hour program of study includes:

- a 34-hour university general education program. The goal of this program and framework of this program is designed to provide maximum transferability and flexibility for students within the Kansas Board of Regents (KBOR) system. For a full listing of current FHSU courses that apply toward the KBOR Systemwide Transfer GE program, please visit our website.
- a 25-hour core of professional courses common to all Health and Human Performance majors
- a Recreation/Sport Management core
- a concentration core along with a selection of classes specific to your area of study
- a selection of general electives designed to complement your area of study

Program Summary

General Education (34 hours)

Health and Human Performance Core (24 hours)

HHP 201 Concepts of Physical Fitness (1)
HHP 210 Intro to Health and Human Performance (3)
HHP 220 Responding to Emergencies (3)
HHP 280 Care and Prevention of Exercise and Sport Injuries (3)
HHP 330 Adapted/Special Physical Education (3)
HHP 340 Tests and Measurements in HHP (2)
HHP 390 Physiology of Exercise (3)
HHP 440 Kinesiology (3)
HHP 450 Program Organization and Administration (3)

Concentration Core (19 hours)

HHP 115 Weight Training and Conditioning (1)
HHP 117 Beginning Swimming (1)
HHP 151 Aerobics (1)
HHP 271 Intro to Recreation & Sports Mgt. (3)
HHP 272 Leadership in Recreation & Sports Mgt. (2)
HHP 370 Intramural & Sport Programming (2)
HHP 371 Leisure Programming (3)
HHP 380 Techniques of Officiating (3)
HHP 465 Internship in HHP (3)

Recreation Option Requirements (19 hours)

HHP 260 Introduction to Lifetime Sports (1)
HHP 261 Introduction for Racquet Sports (1)
HHP 262 Introduction to Team Sports (1)
HHP 263 Introduction for Field Sports (1)
HHP 275 Adventure Education (1)
HHP 312 Fitness Leadership (2)
HHP 381 Field Work in Rec/Sport Mgt. HHP (3)
HHP 480 Leisure Programming for the Elderly (2)

Recommended Electives (Select 9-12 hours from the following)

Business

ACCT 203 Principles of Accounting (3)
ECIF 305 Managerial Finance (3)
MGT 301 Management Principles (3)

Communications

COMM 318 Intro to Organizational Communication (3)
COMM 345 Desktop Publishing (3)
COMM 606 Conflict Management Communication (3)
COMM 640 Public Relations (3)

Leadership

LDRS 300 Intro to Leadership Concepts (3)
LDRS 302 Intro to Leadership Behaviors (3)
LDRS 310 Field Work in Leadership (3)

Aquatics

HHP 240 Water Safety Instructor (2)
HHP 242 Lifeguard Train/Instr. (2)

Sports Management Option Requirements (14 hours)

HHP 290 Introduction to Coaching (2)
HHP 305 Sports Information (3)
HHP 432 Event/Facility Management (3)
HHP 655 Sports Planning and Promotion (3)
HHP 381 Field Work in Rec/Sport Mgt. HHP (3) (3)

Recommended Electives (Select 9-12 hours from the following)

Business

ACCT 203 Principles of Accounting (3)
ECIF 305 Managerial Finance (3)
MGT 301 Management Principles (3)

Communications

COMM 318 Intro to Organizational Communication (3)
COMM 345 Desktop Publishing (3)
COMM 606 Conflict Management Communication (3)
COMM 640 Public Relations (3)

Leadership

LDRS 300 Intro to Leadership Concepts (3)
LDRS 302 Intro to Leadership Behaviors (3)
LDRS 310 Field Work in Leadership (3)

Bachelor of Science: Health and Human Performance (Sports and Exercise Therapy)

The Sport and Exercise Therapy concentration in Health and Human Performance is designed as a guide to assist students in their preparation for entrance application for professional graduate programs in physical therapy, occupational therapy, athletic training, chiropractic, and physician's assistant. Individuals wishing to enter a professional health program should pursue an undergraduate major in the discipline of their choice, but should take whatever additional courses may be necessary as prerequisites for admission to the specific professional school of interest.

Students are encouraged to locate the specific admissions requirement for the school of interest and work with their program advisor to ensure that all admissions requirements are met prior to graduation from Fort Hays State University.

Your 120-hour degree program of study includes:

- a 34-hour university general education program. The goal of this program and framework of this program is designed to provide maximum transferability and flexibility for students within the Kansas Board of Regents (KBOR) system. For a full listing of current FHSU courses that apply toward the KBOR Systemwide Transfer GE program, please visit our website.
- a 24-hour core of professional courses common to all Health and Human Performance majors, and
- a 24-31 hour Sport and Exercise Therapy Concentration Core
- a 10-17 cognate area

This program was revised with changes to the program effective fall 2020. All incoming freshman and new transfer students starting fall 2020 will be under the below revised program. All others already in progress will complete the program they started.

Program Summary

General Education (34 hours)

Health and Human Performance Core (24 hours)

HHP 201 Concepts in Fitness (1)
HHP 210 Introduction to Health and Human Performance (3)
HHP 220 Responding to Emergencies (3)
HHP 280 Care & Prevention of Exercise and Sport Injuries (3)
HHP 330 Adapted/Special P.E. (3)
HHP 340 Tests & Measurements (2)
HHP 390 Physiology of Exercise (3)
HHP 440 Kinesiology (3)
HHP 450 Program Organization and Admin. (3)

Sport and Exercise Therapy Concentration Core (24-31 hours)

HHP 230 Principles of Nutrition (3)
HHP 312 Fitness Leadership (2)
HHP 313 Health Promotion and Wellness (3)
HHP 315 Nutrition in Athletic Populations (3)
HHP 345 Essentials of Athletic Training (3)
HHP 430 Motor Learning (2)
HHP 442 Mechanical Kinesiology (3)
HHP 445 Clinical Exercise Physiology (3)
HHP 447 Inst. In Exercise Physiology (3)
HHP 465 Internship in HHP (2-4)
HHP 602 Public Health (3)

Cognate Area (10-17 hours)

TEEL 231 Human Growth and Development (3)
BIOL 240 Microbiology for Allied Health & Lab (4)
BIOL 245 Medical Terminology (2)

BIOL 345/345L Human Anatomy w/ Lab (4) **OR** BIOL 230/230L Anatomy & Physiology I w/ Lab (4)
BIOL 346/346L Human Physiology w/ Lab (4) **OR** BIOL 231/231L Anatomy & Physiology II w/ Lab (4)

Recommended General Education Courses

These courses are recommended in order to satisfy admission requirements of many professional programs. They can be taken as a part of the 34 hour General Education requirement and the remaining selections are considered general electives.

MATH 110 College Algebra (3)
BIOL 180 Principles of Biology (3)
BIOL 180L Lab Experience in Biology (1)
CHEM 120 University Chemistry I (3)
CHEM 120L University Chemistry Lab (2)
CHEM 122 University Chemistry II (3)
CHEM 122L University Chemistry Lab (2)
MATH 250 Elements of Statistics (3)
MATH 331 Calculus Methods (3)
PHYS 111 Physics I (4)
PHYS 111L Physics I Lab (1)
PHYS 112 Physics II (4)
PHYS 112L Physics II Lab (1)
IDS 350 Diversity in the United States Political Science (3)
PSY 100 General Psychology (3)
PSY 300 Abnormal Psychology (3)
SOC 140 Introduction to Sociology (3)
IDS 400 Bioethics (3)

Bachelor of Science: Health Studies

The Bachelor of Science in Health Studies degree program is an online, post-professional degree completion program for individuals who possess professional credentials in a clinically-based allied health discipline from a community college or technical program. The course of study is designed to provide career and academic advancement for current practitioners who wish to assume increasing responsibility in their current positions or in a related area of health care.

The program requires a minimum total of 120-hours. Students must meet the general education requirements of the university or the Transfer and Articulation agreement; complete the 25-hour health studies core and a 12-hour concentration track. A maximum of 30 hours of transfer credit may be applied from the student's specific area of allied health credential from the four year university, community college or technical program. University graduation requirements also require 45 hours of upper division credit and a minimum of 60 hours completed at a 4 year institution. Working with an advisor, both requirements can be met through the program.

Program Summary

General Education (34 hours)

The goal and framework of this program is to provide maximum transferability and flexibility for students within the Kansas Board of Regents (KBOR) system. For a full listing of current FHSU courses that apply toward the KBOR Systemwide Transfer GE program, please visit our website.

Health Studies Core (25 hours)

HHP 220 Responding to Emergencies (3)
HHP 230 Principles of Nutrition (3)
BIOL 245 Medical Terminology (2)
HHP 310 Consumer Health (2)
HHP 610 Global Health (3)
HHP 618 Environmental Health (3)
HHP 620 Epidemiology in Public Health (3)
HHP 625 Legal Issues in Healthcare (3)
HHP 473 Culminating Experience (3)

Concentrations

Gerontology (12 hours minimum)

HHP 605 Introduction to Gerontology (3)
PSY 420 Psychology of Aging (3)
SOC 644 Sociology of Aging (3)
HHP 612 Physiology of Aging (3)
SLP 665 Communication and Aging (2)
HHP 617 Nutrition and Aging (3)
HHP 619 Exercise Testing/Prescription for the Elderly (3)
HHP 480 Leisure Programming for the Elderly (2)
SOCW 620 Spirituality and Aging (3)

Health Promotion (12 hours minimum)

HHP 314 Issues in Health Education (2)
HHP 320 Communicable and Emergent Diseases (2)
HHP 312 Fitness Leadership (3)
HHP 332 Life-Span Nutrition (3)
HHP 400 Safety Education (2)
HHP 602 Public Health (3)
HHP 619 Exercise Testing and Prescription for the Elderly (3)

Sociology of Medicine and Aging (12 hours minimum)

SOC 375 Medical Sociology (3)
SOC 355 Death and Dying (3)
SOC 644 Sociology of Aging (3)
SOCW 620 Spirituality and Aging (3)

Grant Writing and Social Entrepreneurship (12 hours minimum)

SOC 470 Grant Writing(3)
SOC 473 Program Development and Evaluation (3)
SOC 677 Internship in Sociology: Grant Writing (3)
SOC 680 Nonprofit Organizations (3)

Leadership (12 hours minimum)

LDRS 300 Introduction to Leadership Concepts (3)
LDRS 302 Introduction to Leadership Behavior (3)
LDRS 310 Fieldwork in Leadership Studies (3)
LDRS 306 Leadership and Team Dynamics (3)
LDRS 650 Principles of Organizational Leadership (3)

Credit for professional credential/certification/licensure: 0-30 Credit Hours
Electives: As necessary and transcript validation required.

Total: 120 Credit Hours

Master of Science: Health and Human Performance

Take your education and training to the next level with Master of Science in Health and Human Performance, and focus your degree program with a concentration in Exercise Science, Sport Administration or Movement and Sport Studies. In-depth instruction and hands-on experience make this a strong program for professionals seeking to further develop their career potential.

The program consists of a 17-hour core curriculum common to all Master of Science graduate students, plus an additional 15-hour accumulated from selected electives. You can choose a thesis option in any of the concentration areas with six hours of thesis becoming part of the 15 hour requirement. All students are required to successfully complete a comprehensive examination prior to graduation.

Admission Criteria

- Acceptance to the Graduate School at Fort Hays State University:

- An undergraduate degree in field or a related field; or completion of a minimum of 18 undergraduate credit hours in health and human performance, exclusive of service courses;
- A minimum grade point average of 3.0 for last 60 credit hours on the bachelor's degree; or
- A 2.50-2.99 grade point average for last 60 credit hours on the bachelor's degree and a minimum score of 148 on both the Verbal and Quantitative components of the Graduate Record Examination (GRE) or a minimum score of 396 on the Miller Analogies Test (MAT);
- Three letters of recommendation.

Program Summary

Required Theory Core (17 hours)

HHP 850 Physiological Analysis of Motor Activity (3)
 HHP 815 Research in Health and Human Performance (3)
 HHP 820 Concepts and Objectives of Health and Human Performance (3)
 HHP 825 Statistical Analysis in Health and Human Performance (3)
 HHP 835/650 Motor Learning or Biomechanics (3)
 HHP 875 Graduate Seminar (2)

Concentration in Exercise Science (15 hours)

HHP 650 Biomechanics (if not taken in core) (3)
 HHP 845 Advanced Clinical Exercise Physiology (3)
 HHP 847 Advanced Instrumentation in Exercise Physiology (3)
 HHP 899 Thesis (6)

OR

Approved Electives/Internship* (3-6)

AND

Graduate Project (3)

*A maximum of three hours of internship may be applied to program of study

Concentration in Sport Administration (15 hours)

HHP 800 Administration in Health and Human Performance (3)
 6 credit hours from
 HHP 633 Assessment and Planning Health and Human Performance (3)
 HHP 855 Legal Issues in Health and Human Performance (3)
 HHP 860 Facilities in Health and Human Performance (3)
 Approved Electives/Internship*/Thesis (6)
 *A maximum of three hours of internship may be applied to program of study.

Concentration in Movement and Sport Studies (15 hours)

3 credit hours from:

HHP 650 Biomechanics (3)
 HHP 835 Motor Learning (3)
 HHP 845 Advanced Clinical Exercise Physiology (3)
 HHP 847 Advanced Instrumentation in Exercise Physiology (3)

3 credit hours from:

HHP 633 Assessment and Planning in HHP (3)
 HHP 855 Legal Issues Health and Human Performance (3)
 HHP 800 Administration of Health and Human Performance (3)
 HHP 860 Facilities in Health and Human Performance (3)

3 credit hours from:

HHP 635 Motor Behavior (3)
 HHP 810 Sport in American Society (3)
 HHP 830 Secondary School Physical Education Curriculum (3)
 HHP 840 Coaching Today's Athlete (3)
 Approved Electives/Thesis (6)

Master of Professional Studies (Gerontology)

The Masters of Professional Studies with a concentration in Gerontology is designed to assist the individual in developing the skills necessary to deal with the complex issues surrounding the growing population of older adults in our society. The program provides the individual with the skill set necessary to identify and understand emerging and existing issues related to aging, analyze options for addressing these issues, and locate the necessary resources to deal with them. All courses are available through FHSU Online. Please consult with [Glen McNeil](#) regarding course availability in specific semesters in order to assemble a program of study.

CORE (9 Credit Hours)

- HHP 605 Introduction to Gerontology (3 Credit Hours)
- HHP 815 Research in Health and Human Performance (3 Credit Hours)
- HHP 825 Statistical Analysis in Health and Human Performance (3 Credit Hours)

MAJOR (12 Credit Hours)

- HHP 612 Physiology of Aging (3)
- HHP 617 Nutrition and Aging (3)
- SOCW 620 Spirituality and Aging (3)
- SOC 644 Sociology of Aging (3)

ELECTIVES (6 Credit Hours)

Must be graduate level (600 and above) and can come from any academic discipline that contributes meaningfully to the students program of study. All electives must be approved by the student's advisor. Offerings are variable and will depend on the department from which they are taken.

PROJECT (3 Credit Hours)

- HHP 873 Culminating Experience/Internship (3) - this course to be taken as the final course in the program

COMPREHENSIVE EXAM

As a final step in the program, all students are required to successfully complete a comprehensive examination prior to graduation.

Master of Professional Studies (Public Health Administration)

The Master of Professional Studies degree is a multi-disciplinary master's degree designed to meet emerging workforce development needs. It is designed to develop advanced professional skill sets in various subject areas not currently represented at FHSU by Master of Science (MS) credentials. A salient feature of the degree program is the flexibility for the student to combine a major subject area with one or more cognate areas designed to enhance professional workforce skills desired by employers in industry, government, health care, and information technology careers.

The Masters of Professional Studies with a concentration in Public Health Administration is designed to assist the individual in developing the skills necessary to deal with the complex health issues as seen in today's world. The program provides the individual with the skill set necessary to identify and understand emerging public health issues, analyze options for addressing these issues, and locate the necessary resources to deal with them. Those working in Public Health should be able to recognize and appreciate the importance of public health challenges ranging from health care access, the control of diseases and environmental issues related to health, emergency management, food safety, disease transmission and health-care costs.

This 30-hour program is offered entirely on-line and consists of 9-hour core, 12-hour concentration, and 6 hours of electives and a culminating experience project for 3 hours. Courses are offered on a scheduled semester and summer basis and the length of time needed to complete will depend on the number of hours taken per semester. A full-time student may complete the program in a year and a half. Most working professionals tend to take three or six credit hours a semester and will take three or more years to complete the degree program.

Admission Criteria

- Acceptance to the Graduate School at Fort Hays State University;
- A minimum grade point average of 3.0 for last 60 credit hours on the bachelor's degree; or
- A 2.50-2.99 grade point average for last 60 credit hours on the bachelor's degree and a minimum score of 148 on both the Verbal and Quantitative components of the Graduate Record Examination (GRE) or a minimum score of 396 on the Miller Analogies Test (MAT);
- Two letters of recommendation.
- A personal statement introducing yourself and your reasons for applying to the program.

Program Summary (updated 8/31/17)

Core (9 hours)

HHP 815 Research in Health and Human Performance (3)
HHP 825 Statistical Analysis in Health and Human Performance (3)
HHP 602 Public Health (3)

Concentration (15 hours from the listing below)

HHP 620 Epidemiology in Public Health (3)
HHP 618 Environmental Health (3)
HHP 625 Legal Issues in Health Care (3)
HHP 630 Administration in Health Care (3)
HHP 610 Global Health (3)

Electives (3 hours)

Elective courses must be graduate level (600 level and above) and can come from any academic discipline that contributes meaningfully to the student's program of study. All electives must be approved by the student's advisor. Offerings are variable and will depend on the Department from which they are taken.

Project/Internship (3 hours)

HHP 873 Culminating Experience/Internship (3)
*Taken after all course requirements have been completed

Comprehensive Exam

As a final step in the program, all students are required to successfully complete a comprehensive examination prior to graduation.

Master of Professional Studies (Sport Management)

A master's degree with an emphasis in Sport Management is a steppingstone towards a sports management career. The Master of Professional Studies with a Concentration in Sport Management will help you develop experience in the areas related to communication, strategy, and leadership techniques needed to be successful as a Sport Management Professional.

The Master of Professional Studies degree is a multi-disciplinary master's degree that is designed for workforce development. The purpose of the degree is to assist a person in developing a set of advanced professional skills. The MPS degree program offers the flexibility for the student to combine a major subject area with one or more cognate areas designed to enhance skill sets. This proposal is designed to meet market demands in Sport Management, teaching participants to examine the sports industry from a variety of operational and business perspectives.

The 30-hour program is offered entirely on-line and consists of: 9-hour core, 12 concentration hours, 6 hours of electives and a culminating experience project for 3 hours. Time to complete the coursework required for the degree will vary depending on the number of hours taken each semester. Courses are offered on a scheduled semester and summer basis and the length of time needed to complete will depend on the number of hours taken per semester. A full-time student may complete the program in a year and a half. Most working professionals tend to take three or six credit hours a semester and will take three or more years to complete the degree program.”

ELEVATE YOUR PROGRAM

Fort Hays State University has partnered with [Sports Management Worldwide](#), SMWW, the global leader in online sports business education, to give students the opportunity to gain a “what you know” and “who you know” real-world experience of working in the field while getting your degree. You will have the opportunity to work with sports entities in the specific field you want to work in; basketball, baseball, football, hockey, soccer, golf, tennis, racing, MMA, rugby, or cricket. You will even find courses in esports, cryptocurrency, and sports betting!

Take any three courses from Sports Management Worldwide and receive six credit hours toward your master's program at FHSU.

ADMISSION CRITERIA

- Acceptance to the Graduate School at Fort Hays State University:
- A minimum grade point average of 2.50 for last 60 credit hours on the bachelor's degree
- Two letters of recommendation.
- A personal statement introducing yourself and your reasons for applying to the program.

Program Summary (UPDATED 1/20/22)

Core (9 hours)

HHP 815	Research in Health and Human Performance
HHP 825	Statistical Analysis in Health and Human Performance
HHP 800	Administration in Health and Human Performance

Concentration (18 hours)

Select 4 of the following for 12 hours.

HHP 633	Assessment and Planning in Health and Human Performance
HPP 655	Sport Planning and Promotion
HHP 657	Sport Analytics
HHP 855	Legal Issues in Health and Human Performance
HHP 860	Facilities in Health and Human Performance

6 hours of cognate/approved electives as approved by your advisor

Elective courses must be graduate level (600 level and above) and can come from any academic discipline that contributes meaningfully to the student's program of study. All electives must be approved by the student's advisor. Offerings are variable and will depend on the Department from which they are taken.

Project/Internship (3 hours)

HHP 874	Culminating Experience/Internship	Every Semester
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This is taken after all course requirements have been completed.

COMPREHENSIVE EXAM: As a final step in the program, all students are required to successfully complete a comprehensive examination prior to graduation.

Certificates in Health and Human Performance

Certificate in Consumer Health

The Certificate in Consumer Health is designed to provide individuals not holding an undergraduate degree in a health related profession with course work that leads to a greater understanding of the issues related to consumer health. This combination of courses is designed to facilitate

the development of a better understanding of issues related to health decisions and choices available to the individual consumer in today's society.

Certificate Program Requirements

- HHP 200 Personal Wellness (3 Credit Hours)
- HHP 310 Consumer Health (2 Credit Hours)
- HHP 314 Issues in Health Education (2 Credit Hours)
- HHP 320 Communicable and Emergent Disease (2 Credit Hours)
- HHP 400 Safety Education (2 Credit Hours)
- HHP 615 Issues in Nutrition Education (2 Credit Hours)

TOTAL HOURS REQUIRED FOR CERTIFICATE: 13 Credit Hours

Certificate in Community Health

The Certificate in Community Health is designed for individuals currently working in community health or other health related fields interested in furthering their knowledge through coursework emphasizing practical application in identifying and addressing health problems within the community. Through course work, participants will gain a fundamental understanding of the issues and practices contributing to health related diseases as well as issues associated with the development and implementation of positive health programming in the community.

Certificate Requirements

- HHP 310 Consumer Health (3 Credit Hours)
- HHP 314 Issues in the Health Education (2 Credit Hours)
- HHP 320 Communicable and Emergent Disease (2 Credit Hours)
- HHP 610 Global Health (3 Credit Hours)
- HHP 618 Environmental Health (3 Credit Hours)
- HHP 620 Epidemiology in Public Health (3 Credit Hours)

TOTAL HOURS REQUIRED FOR CERTIFICATE: 15 Credit Hours

Certificate in Healthy Aging

The Certificate in Healthy Aging is designed for individuals who are currently working health related fields, or towards an allied health related degree, and are interested in developing a knowledge base related to healthy aging. Through course work, participants will gain a fundamental understanding of processes and changes involved in aging, influence of lifestyle choices on aging, as well as universal problems associated with health-care decisions.

Certificate Requirements:

- HHP 605 Introduction to Gerontology (3 Credit Hours)
- HHP 612 Physiology of Aging (3 Credit Hours)
- HHP 613 Issues in Aging (2 Credit Hours)
- HHP 617 Nutrition and Aging (3 Credit Hours)
- HHP 619 Exercise Testing & Prescription for Elderly (3 Credit Hours)

TOTAL HOURS REQUIRED FOR CERTIFICATE: 14 Credit Hours

Certificate in Community Health Promotion (graduate level only)

The Certificate in Community Health Promotion is designed for individuals with a bachelor's degree who are currently working in community health or other health related fields and are interested in developing a knowledge base related to health promotion programming. Through course work, participants will gain a fundamental understanding of issues involved in health planning and promotion. This program prepares the participant to assess, develop, implement, and/or evaluate community health/wellness programming.

Certificate Program Requirements

- HHP 633 Assessment and Planning in Health and Human Performance (3 Credit Hours)
- HHP 811 Health Promotion Programming (3 Credit Hours)
- HHP 812 Nutrition for Health and Fitness (3 Credit Hours)
- HHP 855 Legal Issues in Health and Human Performance (3 Credit Hours)

TOTAL HOURS REQUIRED FOR CERTIFICATE: 12 Credit Hours

Coaching Certificate

On Campus: 15 Credit Hours

The Coaching Certificate provides teachers and future coaches the course work necessary to develop a broad knowledge base and skills required in the coaching profession. The program offers an integrated series of courses that prepares individuals to become successful coaches at a variety of competitive levels.

- HHP 220 Responding to Emergencies (3 Credit Hours)
- HHP 280 Care and Prevention of Exercise and Sport Injuries (3 Credit Hours)
- HHP 290 Introduction to Coaching w/ASEP Certification (2 Credit Hours)
- HHP 380 Techniques of Officiating (3 Credit Hours)
- Two of the following: (4 Credit Hours)
- HHP 350 Coaching of Basketball (2 Credit Hours)
- HHP 351 Coaching of Football (2 Credit Hours)
- HHP 352 Coaching of Track and Field (2 Credit Hours)
- HHP 353 Coaching of Wrestling (2 Credit Hours)
- HHP 354 Coaching of Baseball and Softball (2 Credit Hours)
- HHP 355 Coaching of Volleyball (2 Credit Hours)

Certificate in Massage Therapy

The Certificate in Massage Therapy is for students who wish to add a certificate to an existing degree or wish to pursue a career as a Massage Therapist and head straight into the work force. Students will complete the certificate in two semesters and may start in either the Spring or Fall semester.

The 500-hour Massage Therapy certificate program is presented in a hybrid format and completed in two semesters so that both traditional on-campus students and virtual, adult students can fit the curriculum into their schedules. Core theory classes are offered online, through the FHSU Online, and clinical experiences are offered in traditional format on campus, Saturday and Sunday, twice monthly.

Although Kansas does not require a massage therapist to hold a license, FHSU has created their curriculum to meet national standards. Upon successful completion of the program, a student is eligible to practice the art of professional massage therapy and sit for a [National Certification Exam](#).

Program Requirements

First Semester

MTP 100 Basic Massage Techniques (2 Credit Hours) On-campus
 MTP 102 VA Fiscal Management and Ethical Practices (2 Credit Hours) Virtual
 MTP 104 VA Structural Anatomy for Massage Therapy (2 Credit Hours) Virtual
 MTP 106 VA Structure and Function of the Body I for MT (2 Credit Hours) Virtual
 MTP 108 Massage Lab I (4 Credit Hours) On-campus
 MTP 110 Massage Clinic I (2 Credit Hours) On-campus

Second Semester

MTP 120 Advanced Massage Techniques (2 Credit Hours) On-campus
 MTP 122 VA Pathophysiology for Massage Therapy (3 Credit Hours) Virtual
 MTP 124 VA Functional Kinesiology for Massage Therapy (2 Credit Hours) Virtual
 MTP 126 VA Structure and Function of the Body II for MT (2 Credit Hours) Virtual
 MTP 128 Massage Lab II (4 Credit Hours) On-campus

Course Listings – Health and Human Performance

Health and Human Performance

Undergraduate Credit

101 Varsity Athletics -- Women (1) Development of fundamental skills in selected drills: (A) basketball; (B) softball; (C) tennis; (D) volleyball; (E) gymnastics; (F) track; and (G) cross country.

102 Varsity Athletics -- Men (1) Development of fundamental skills in selected drills: (A) football; (B) basketball; (C) cross country; (D) baseball; (E) wrestling; (F) gymnastics; (G) track; (H) golf; and (I) tennis.

103 Bowling (1) Includes skill techniques and a knowledge of rules and terminology. Special fees: lab fees.

107 Karate (1) Instruction in the basic skills, blocks, strikes, and kicks of Korean Tae Kwon Do.

108 Judo (1) Instruction and practice of basic skill techniques and fundamentals of beginning judo.

109 Self Defense (1) Instruction in the basic skills needed to defend oneself against assault.

112 Fencing (1) Basic skills of fencing are taught, as well as techniques for scoring and judging matches.

114 Beginning Handball (1) This course includes skills, techniques, knowledge, terminology, and rules.

116 Basic Scuba Diving (1) Instruction in the basic skills necessary to perform scuba diving. Requisites: PR, HHP 240. Special fees: lab fees.

117 Beginning Swimming (1) A course designed to help the novice become a swimmer. The elementary back stroke, back crawl, side stroke, front crawl, and breast stroke are covered.

118 Advanced Swimming (1) Open to students who can swim. Analysis of the various strokes, diving, stunts, and games are covered. Requisites: PR, HHP 117 or PERM.

120 Beginning Tennis (1) Includes four fundamental strokes, play in singles and doubles, and knowledge of rules and court etiquette. Special fees: lab fees.

121 Advanced Tennis (1) Consists of improvement on the four fundamental strokes and the learning of more advanced skills and techniques. Tournament play. Requisites: PR, HHP 120 or PERM.

122 Volleyball (1) This course includes the knowledge and development of skills, selection of drills, game rules, and strategy.

123 Touch Football (1) A course designed to cover the fundamental skills of touch football.

124 Wrestling (1) In this course, the fundamentals and techniques of collegiate and high school wrestling are presented.

125 Beginning Golf (1) Basic fundamentals are taught. Golf etiquette and course rules are explained. Equipment is furnished by the university. Special fees: lab fees.

126 Advanced Golf (1) Open to students who know the rules and etiquette of golf and who have had some playing experience. Requisites: PR, HHP 125 or PERM. Special fees: lab fees.

127 Slimnastics (1) Development of physical fitness and conditioning, weight, and figure control utilizing circuit and aerobic activities. Factors involved in total fitness are considered and evaluated.

128 Personal Fitness I (1) A scientific assessment of the student's fitness level with physiology of exercise laboratory and equipment. The student will develop a program of exercise based on the assessment.

130 Jogging (1) Individualized jogging programs for improved cardio-respiratory endurance.

132 Softball (1) Instruction and practice of the fundamentals of slow pitch softball with primary emphasis on game play.

133 Beginning Gymnastics (1) Includes techniques, materials, skills, teaching progression, and safety regulations in stunts, tumbling, and pyramids.

136 Beginning Basketball (1) This course includes the knowledge and development of skills, selection of drills, game rules, and strategy.

137 Advanced Basketball (1) (A student cannot be enrolled in this course if college credit was earned in varsity basketball.) This course deals with the improvement of basketball skills of individual and team play. Requisites: PR, HHP 136 or PERM.

138 Badminton (1) A course that covers the fundamental skills, knowledge, rules, and terminology of badminton.

140 Folk Dancing (1) Folk dance styles of different nations are taught.

142 Social Dance (1) For beginners, includes basic steps such as the foxtrot, swing, waltz, tango, polka, etc., and knowledge of ball- room etiquette.

144 Square Dance (1) Dances of American origin performed in the various formations: square, long-ways, circle, and couple. Em- phasis on the recreational aspect of group dancing.

146 Modern Dance (1) This course includes development of individual skill in dance movements and the study of form and com- position in dance.

149 Beginning Ballet (1) An introduction to the basic fundamentals of ballet.

151 Aerobic Fitness (1) This course provides opportunity for toning muscles and improving cardiovascular efficiency through a variety of aerobic fitness activities.

152 Jazz and Tap Dancing (1) Opportunity for students to explore areas of dance which are often used for entertainment or recreational purposes: beginning tap, beginning jazz, and some chorus line or group work.

155 Weight Training and Conditioning (1) Development of strength and endurance through weight training, calisthenics, and running. Home exercise programs and maintenance of fitness in later life are also considered.

157 Archery (1) Includes instruction and practice of basic skills and techniques in archery.

158 Soccer (1) Includes instruction and practice of basic skill techniques and strategies on competitive soccer.

161 Riflery (1) This course deals with the safety, skills, and techniques of riflery. Special fees: lab fees.

162 Basic Firearms (1) Instruction in basic pistol, rifle, and shot-gun fundamentals concentrating on the knowledge, skills, and attitudes necessary for the safe and proper handling and/or use of firearms.

163 Roller Skating (1) Instruction in the basic skills in roller skating and disco roller skating. Special fees: lab fees.

164 Cycling (1) Instruction in bicycle maintenance, safety, speed, trail riding, and touring--includes speed trails and tours of various distances.

165 Recreational Activities (1) A combination of recreational activities that can be enjoyed in limited spaces: ping pong, pocket billiards, horseshoes, croquet, frisbee, and shuffleboard.

166 Recreation and Therapy for the Disabled + (1) Designed to meet the recreational and fitness needs of physically disabled students through a variety of adaptable physical activities. Requisites: PR, open to handicapped students only.

167 Beginning Racquetball (1) Instruction and practice in the fundamental skills of racquetball, the rules, and basic game strategy.

168 Advanced Racquetball (1) Instruction and practice in the more complex skills of racquetball and the refinement of the basic skills covered in beginning racquetball. Requisites: PR, HHP 167 or PERM.

172 Wilderness Skills (1) Designed to provide the student with a foundation in wilderness recreation. Includes hiking, backpacking, rock climbing, orienteering, survival and first aid, ecology, camping, snowshoeing, and cross country skiing. Special fees: lab fees.

175 Adult Fitness and Assessment (1) A scientific assessment of the adult's fitness level with physiology of exercise laboratory equipment. The adult will develop a program of exercise based on the assessment.

180 Special Activities in HHP + (1) A course designed for the student to participate in selected health, physical education, and recreation activities. (May be retaken for credit if content differs.)

190 Yoga (1) This course is a creative opportunity for improving strength, flexibility, endurance, and balance through the use of hatha yoga in the vinyasa style. This class will effectively work all parts of the body equally and will be introduced in a non-judgmental and non-competitive environment.

195 Emergency Medical Technician (7) This program is designed for persons interested in providing medical care to patients in the pre-hospital setting. It will provide participants the opportunity to gain information, skills, and attitudes necessary for certification and practice as an Emergency Medical Technician (EMT) in the state of Kansas. The program is approved by the Kansas Board of Emergency Medical Services. It addresses information and techniques currently considered the responsibilities of the Emergency Medical Technician according to the Kansas Board of EMS and Kansas Educational Standards. The course includes didactic instruction, practical skills acquisition, and Clinical/Field Internship rotations.

200 Personal Wellness (3) This course provides a survey of health and fitness concepts and practices related to the dynamic nature of positive wellness knowledge and behavior.

201 Concepts of Physical Fitness (1) To acquaint students with basic knowledge, understanding, and values of physical activities. Students will participate in laboratory testing and physical activities.

210 History and Philosophy of Health and Human Performance (3) This course explores the history, principles, and philosophies associated with health and human performance. Emphasis will be placed on promoting professionalism, scholarly study, career exploration, and activism within the field.

220 Responding to Emergencies (3) This course meets the requirements for the American Red Cross Certificates: Responding to Emergencies and Community CPR.

230 Principles of Nutrition (3) Essential nutrients for health, body process, food fads, and fallacies with emphasis on the scientific basis of nutrition.

231 Children's Rhythm and Movement (3) This course is designed to study the underlying components and concepts of movement as applied in the physical education curriculum. Included will be specific instruction in skill development of dance and gymnastics.

232 Diet and Weight Control + (1) Designed to teach the individual the aspects of dietary control necessary for weight loss, gain, or maintenance.

233 Creative Cookery (2) Preparation of foods from different cultural backgrounds and geographical regions with emphasis on planning, preparation, and serving.

239 Aquatics Safety (3) This course is designed to provide the participant with the knowledge and skills necessary to cope with emergency situations in the aquatic environment.

240 Water Safety Instructor (3) The purpose of this instruction course is to train instructor candidates to teach the American Red Cross Water Safety courses. Successful completion results in American Red Cross Certification enabling the water safety instructor to conduct and teach all swimming courses except Life-guard Training. Emphasis is also focused on mechanics of stroke execution and improvement of personal swim skills. Personal swim skills are evaluated at the advanced swimmer level. Requisites: PR, HHP 239 or PERM.

242 Lifeguard Training and Lifeguard Instructor (4) Lifeguard Training develops the skills and knowledge necessary for non-surf lifeguarding. The Lifeguard Instructor provides the lifeguard with the techniques and understanding of course content to teach lifeguard training courses. Successful completion of this course leads to American Red Cross Certification. Requisites: Good swimmer and at least 17 years of age or PERM.

258 Techniques of Teaching Dance (2) The selection and application of appropriate materials, methods, and techniques of teaching dance.

259 Techniques of Teaching Gymnastics and Tumbling (2) The selection and application of appropriate materials, methods, and techniques of teaching gymnastics and tumbling.

260 Introduction to Lifetime Sports (1) This course will allow the student to participate in and learn the rules and strategy of bowling, archery, frisbee, and golf.

261 Introduction to Racquet Sports (1) This course will allow the student to participate in and learn the rules and strategy of racquetball, pickleball, badminton, and tennis.

262 Introduction to Team Sports (1) This course will allow the student to participate in the rules and strategy of basketball, volleyball, team handball, and floor hockey.

263 Introduction to Field Sports (1) This course will allow the student to participate in and learn the rules and strategy of soccer, touch football, track and field, and softball.

271 Introduction to Recreation and Sport Management (3) An investigation of the nature, scope and significance of recreation and sport management in today's world.

272 Leadership in Recreation and Sport Management (2) Exploration of leadership skills including methods and techniques used in directing recreation and sport programs.

275 Adventure Education (1) This course is designed to provide an introduction to the knowledge, attitudes, and skills needed to implement an adventure education program. Furthermore, the course is structured to encourage a safe, active, and adventurous lifestyle. Course content includes an understanding of the full value contract, challenge by choice, and proper sequencing of activities for a successful experience.

277 Early Field Experience in Physical Education (1) This course is designed to provide students with the opportunity to observe skilled practitioners at work, as well as to observe the characteristics of students at the elementary, secondary, and college levels. Pass/No Credit.

280 Care and Prevention of Exercise & Sport Injuries (3) This course introduces the students to concepts of prevention and management of exercise and sports injuries. Topics include anatomy, liability issues in exercise and sport, and basic injury recognition, evaluation, and care of musculoskeletal injuries and conditions.

290 Introduction to Coaching (2) This course will introduce the general philosophy and methods of coaching. Various topics to prepare the individual for the task of coaching, such as sport science, sport psychology, and sport management, will be included. Successful completion of the course may lead to certification by the American Coaching Effectiveness Program (ACEP).

300 Methods and Materials for Teaching Health (K-12) (3) This course deals with the organization and administration of the school health program. Basic structure of the program, minimum standards, desirable goals, various methods, and materials for health instruction are discussed. Requisites: PR, HHP 200.

305 Sports Information Management (3) This course is designed to allow students the opportunity to participate in the development, management, coordination, and implementation of a sport information program, including overall athletic public relations, marketing, and promotions. Students obtain practical experience in publicity coverage, fund-raising events, and compilation, interpretation, and dissemination of statistics.

310 Consumer Health (2) This course deals with critical analysis and evaluation of health appraisal techniques; federal and state legislation affecting consumer health.

312 Fitness Leadership (2) Concepts and skills of planning, delivering, and evaluating physical fitness programs will be

developed. Class leadership skills and applications of educational principles will be emphasized.

313 Health Promotion and Wellness (3) An overview of fundamental components of health promotion or wellness programs. A general framework for designing and implementing health promotion programs will be analyzed.

314 Issues in Health Education (2) A review of sensitive and controversial issues relevant to health education. Students will be instructed in topics associated with health education issues, as related to nutrition, individual health, community health and STD's, that are important to the family and the individual.

315 Nutrition in Athletic Performance (3) An in-depth study of the relationship between diet and the following: exercise, body composition, physical performance, ergogenic aids, and myths related to nutrition and athletic performance. Requisites: PR, HHP 230.

320 Communicable and Emergent Diseases (2) Principles and practices in the cause, symptoms, transmission, prevention, and control of various diseases of man in the community.

330 Adapted/Special Physical Education (3) A course directing the future physical education teacher as to how to meet the needs of the atypical student by working in the psychomotor domain. This course will require some field experience.

332 Life-Span Nutrition (3) Advanced course in nutrition with emphasis on application to the health of the individual. Requisites: PR, CHEM 102, HHP 230.

340 Tests and Measurements in HHP (2) An overview of testing and evaluation principles as they are applied in health and human performance. Techniques for analyzing and interpreting health status and performance through a variety of assessments are emphasized. Elements of educational evaluation and grading are also included.

345 Introduction to Athletic Training Clinical Practice (3) This course is designed to provide the pre-professional healthcare student a foundation in principles of athletic training including risk management, pathophysiology of musculoskeletal injuries and conditions, evaluation and diagnosis, and therapeutic interventions.

350 Coaching of Basketball (2) The theory and methods of coaching. Emphasis is placed on the identification of skills, offensive and defensive strategy, administration of practice, rules, and training.

351 Coaching of Football (2) The theory and methods of coaching. Emphasis is placed on the identification of skills, offensive and defensive strategy, administration of practice, rules, and training.

352 Coaching of Track and Field (2) The theory and methods of coaching. Emphasis is placed on the organization and administration of meets, training principles for events, rules, strategies, and identification of skills.

353 Coaching of Wrestling (2) Developing the theory and techniques of coaching interscholastic wrestling, including area of conditioning, rules, weight reduction, and various styles of individual wrestling moves and holds.

354 Coaching of Baseball and Softball (2) The history and development of the game of baseball and softball: lectures, reports, and discussion on offensive and defensive play, sacrifice play, squeeze play, drag play, hit and run, signals, and strategy.

355 Coaching of Volleyball (2) Fundamentals of volleyball playing skills, individual and team conditioning, rules pertaining to participants, game and league play, offensive and defensive strategy, and budgeting.

356 Coaching of Tennis (2) The theory and methods of coaching. Emphasis is placed on the identification of skills, game strategies, administration of practice, rules, and training.

370 Intramural Programs (2) This course deals with the organization and administration of the intramural and recreation sports program, including elementary, junior high, senior high, college, and university-level programs.

371 Leisure Administration and Programming (3) Exploration of programming styles and techniques. Emphasis is given to personnel, facilities, and equipment. Requisites: PR, HHP 271.

380 Techniques of Officiating (3) This course is designed to acquaint the student with the qualifications, philosophies, principles, and techniques governing the art of officiating sports. The intramural program serves as the laboratory for this experience.

381 Field Work in Recreation and Sport Management (0) This course is designed to provide students with an opportunity to develop professional experience in the field of Recreation and/or Sport Management. This course will expose students to the day to day operations as well as the development and implementation of programs and events.

390 Physiology of Exercise (3) An introduction to the physiology of the skeletal, muscular, respiratory, nervous, and circulatory systems, with special reference to their adjustments during acute and chronic exercise. Laboratory experiences are included. Requisites: PR, BIOL 140.

400 Safety Education (2) This course examines theories of accident causation and various methods of preventing accidents in schools, work, home, and recreational settings.

410 Elementary School Physical Education Methods (2) Designed to introduce prospective elementary classroom teachers to the practices of elementary school physical education with emphasis on curriculum development, teaching methods, and program of activity.

415 Health and Physical Education Methods and Curriculum for Elementary Educators (3) The course will provide the elementary educator with a basic understanding of methods/pedagogy (instruction) and content (curriculum) in health

education and physical education. Requisites: Admitted to Teacher Education program required.

420 Curriculum and Methods in Secondary Physical Education (3) A course designed to introduce prospective physical educators to the fundamentals, principles, and practices of secondary school physical education with emphasis on curriculum development, teaching methods, and program of activity. Requisites: admission to Teacher Education required or PERM of instructor.

430 Motor Learning (2) A study of the factors that influence motor skill learning of humans. Emphasis will be placed upon psychological, neurophysiological, and behavior limitations of humans in motor learning and performance environments.

432 Event and Facility Management (3) This course is designed to provide students with the knowledge needed to manage recreation and sport event and facility operations including event development and supervision, marketing, administration, and facility operations. Requisites: Junior standing or PERM.

435 Personal Training (3) This course is designed to synthesize the knowledge acquired from an exercise science curriculum with practical application for a personal trainer. This course blends theoretical knowledge and application. This course is affiliated with the American Council of Exercise personal training certification. Requisites: HHP 210, HHP 312, HHP 313, HHP 390.

440 Kinesiology (3) This course deals in a practical way with the mechanism of bodily movement; the relation of muscles to different forms of exercise, daily activities, and sport. Requisites: PR, BIOL 140.

442 Mechanical Kinesiology () This course deals with the application of physical laws to the study of human movement. Topics build on the fundamental mechanical concepts necessary for understanding and applying basic principles of motion to the execution of motor skills. Kinetics and kinematics of movement including conditions of linear motions and rotary motion, laws of motion and force conservation principles will be covered in this course.

445 Clinical Exercise Physiology (3) This course examines the physiologic basis for movement dysfunction and the impact of exercise on individuals with diseases and disorders. Opportunities to participate with clients and clinical professionals are included. Requisites: PR, HHP 390.

447 Instrumentation in Exercise Physiology (3) This course introduces the student to the instrumentation and equipment commonly found in a human performance laboratory. Emphasis is placed on the application of testing procedures. Requisites: PR, HHP 390.

450 Program Organization and Administration (3) Problems in organization, administration, supervision, and coordination of physical education and athletic programs.

465 Internship in Human Performance + (1-12) May be enrolled in more than once for up to 12 hours of credit. Provides off-campus opportunity for practical application of student's concentration. The student will work in private and/or public organizations. Requisites: PERM of department chair.

470 Workshop in Health and Human Performance (1-8) The workshop is designed for intensive study of a physical education topic or problem.

471 Outdoor Recreation (3) A study of the status of outdoor recreation in the United States. Includes economics, land use and planning, organizational responsibility assessment, trends, and problems. Requisites: PR, HHP 271.

473 Undergraduate Culminating Experience () An independent learning experience designed to allow the student the maximum opportunity to incorporate the material learned from the core curriculum in an integrative fashion to best accomplish the goals and objectives of the student. The culminating experience can include, but is not limited to, a project, position paper, or real world experience.

474 Independent Study (1-3) Independent study in physical education in which each student concentrates on a problem and prepares a written report.

476 Internship in Leisure (12) Full-time, supervised work experience in an approved recreation enterprise.

480 Leisure Programming for Elderly (2) This course will examine issues concerning leisure programming for the elderly. Emphasis will be placed on program design and evaluation with respect to the characteristics and social theories of aging in leisure service settings.

Health and Human Performance

Undergraduate / Graduate Credit

540 Physiological Analysis of Motor Activity () An advanced study of the physiological parameter at rest and under acute stress. These physiological parameters will also be studied under chronic training. Laboratory experiences will be included.

600 Topics in HHP (2) A study of a particular topic not otherwise available in the curriculum. The content of the course will vary from semester to semester, and students may potentially enroll more than once.

602 Public Health (3) This course addresses key issues of public health with emphasis on status, achievements and challenges current to the twenty-first century and is designed for students from a variety of majors. Emphasis points include an introduction, analytical methods, biomedical bases, social and behavioral factors, environmental issues, medical care, and a look at the future of public health.

605 Introduction to Gerontology (3) A multidisciplinary overview of the social, psychological and biological changes associated with aging and how those changes affect the quality of life in the later years. The course outlines the basic issues involved with care of the elderly, presenting guidelines of possible solutions.

610 Global Health (3) This course addresses key issues of global health with emphasis on possible solutions to world health problems and is designed for students from a variety of majors. Emphasis points include an understanding of biological and social aspects of major health issues; knowledge of populations groups at increased risk; policies and procedures related to health inequalities; and assessment methods for global health.

612 Physiology of Aging (3) Physiological changes as a result of aging or of age-related pathology. Roles of heredity, diet, exercise, and lifestyle in the aging process. Requisites: PERM.

613 Issues in Aging (2) A review of sensitive and controversial issues relevant to aging. Students will review issues important to the individual and the family; related to quality of life, social issues, problems in aging, retirement, death, dying and the aging process in general.

615 Issues in Nutrition Education (2) A review of sensitive and controversial issues relevant to nutrition. Students will review issues important to the individual and the family as they relate to nutrition education, general nutrition concepts, food safety, disordered eating, overweight/obesity, the environment and the lifespan. The course will provide the individual with the basic knowledge to identify reliable nutrition information as presented in the media.

617 Nutrition and Aging (3) The study of nutrition and how it relates to the process of aging and the health status of the aging population. The course focuses on the six nutrients, cultural aspects related to food intake, and the relationship between nutrition and health as we age, and research in nutrition related to the aging process. Requisites: Sophomore standing or higher.

618 Environmental Health (3) The health implications of human relationships to the biosphere are examined as well as the effect of environmental change upon physical, biological and social patterns. Alternative solutions for environmental problems are explored.

619 Exercise Testing and Prescription for the Elderly (3) This course provides a basis for understanding the process of planning and implementing exercise programs to improve health and functional capacity of elderly individuals. Implications of exercise related research with elderly populations will be emphasized. Requisites: PR, sophomore standing or higher.

620 Epidemiology in Public Health (3) The course covers basic concepts and methods of epidemiology and demonstrates how these can be applied to improve population health and reduce health inequities. Key epidemiological concepts such as association, bias and confounding will be covered. Epidemiological study designs such as case-control, cohort, observational, experimental; double-blind randomized studies will be covered. This course may be taken for graduate or undergraduate credit. Requisite: Undergraduate Statistics- 200 level or above.

625 Legal Issues in Health Care (3) This course will study many of the legal issues involved in the provision of health care. The course will include an overview of the history of health care and a foundation of the American legal system. As the course progresses, critical legal issues relating to the health care industry will be addressed, including tort law and professional liability insurance, information management, patient rights, ethical issues in health care, and employment and labor issues involved in the administration of healthcare. Due to limited time and the extent and varying complexity of material in the text, not all material will be covered. The course is intended to be an overview, not an in-depth analysis of any given topic. Likewise, the course is not designed to provide an introduction to or overview of every facet of the law regarding health care.

630 Administration in Health Care (3) This course is intended for those interested in a systematic understanding of organizational principles, practices, and insights pertinent to the management of health services organizations. In this course, we will survey the several different perspectives of how health care organizations have functioned and evolved over the years. "System thinking" is utilized to analyze managing partnerships, strategic alliances, networking, and other arrangements between and among physicians, hospitals, health systems, and other provider organizations. We will focus on how health care leaders must effectively design and manage health care organizations while simultaneously influencing and adapting to changes in an environmental context and emphasize the role of the transformational leadership model in managing the boundary between the internal organization and its external environment successfully. Case studies, practical scenarios, and controversial issues are highlighted in each chapter to challenge the student to provide solutions and philosophical positions on a variety of issues.

631 Motor Development of Special Population (3) This course focuses on normal and atypical motor development. Emphasis is placed on understanding deviations in normal motor development of individuals with physical, mental, sensory, neurological, and other specific health problems. Requisites: PR, HHP 330.

633 Assessment and Planning in Health & Human Performance (3) Applying instruments in determining physical and motor needs of individuals with disabilities; ability to implement physical education programs for individuals with disabilities.

635 Motor Behavior (3) This course focuses on the processes of human motor behavior from a life-span perspective. Emphasis is placed on understanding the interaction of motor development, motor learning, and motor control on the acquisition, refinement, and retention of movement skills. Coursework will focus on the effects of heredity, environmental influences, and specifics of motor tasks in the development of motor skills that are utilized in sport and lifetime leisure/recreation activities. Requisites: PR, Junior standing or above.

650 Biomechanics (3) An advanced study of the mechanical components of human movement with application to physical fitness and sport. Cinematography will be included as a portion of the course.

655 Sport Planning and Promotion (3) An overview of the various techniques and strategies used in meeting the needs of consumers in the sport industry. Areas to be addressed are the uniqueness of sport in comparison to traditional marketing, and overview of the segments of the sport industry, the importance of

market research and segmentation in identifying the right sport consumer, the use of data-based marketing in reaching the sport consumer, and the development of sponsorship and endorsement packages.

657 Sport Analytics () This course presents an overview of basic theory, development and application of analytics in sports. Students will learn about the basic application of analytics in sports for purposes of in-game strategy, player performance, team management, and sports operation.

670 Advanced Workshop in Health and Human Performance + (1-3) A graduate-level workshop designed for intensive study of selected physical education and health topics or problems.

675 Field Experience in Special Physical Education (2-8) Supervised practical experience providing physical activity to various exceptionalities. This course may be taken in two credit-hour segments to a maximum of eight credit hours.

Health and Human Performance

Graduate Credit

750 Biomechanics () An advanced study of the mechanical components of human movement with application to physical fitness and sport. Cinematography will be included as a portion of the course.

770 Workshop in Health and Human Performance () A graduate-level workshop designed for intensive study of selected physical education and health topics or problems.

771 Outdoor Recreation () A study of the status of outdoor recreation in the United States. Includes economics, land use and planning, organizational responsibility assessment, trends, and problems.

775 Field Experience in Special Physical Education () Supervised practical experience providing physical activity to various exceptionalities. This course may be taken in two credit hour segments to a maximum of eight credit hours.

800 Administration in Health and Human Performance (3) To study the administrative process in physical education and athletics. To be able to understand current practices and their application to all levels of interscholastic and intercollegiate educational environment.

810 Sport in American Society (3) The study of social/cultural aspects of sport with an opportunity for students to research, discuss, and become familiar with sport in our American society. This course will also expose the students to current social controversies related to organized sport in America.

811 Health Promotion Programming (3) A course designed to study health promotion and wellness programs. An in-depth framework for designing and implementing health promotion programs will be analyzed. Requisites: PR, Graduate standing.

812 Nutrition for Health and Fitness (3) A study of the interrelationships regarding the primary aspects of nutrition as related to diet, health, exercise, and fitness; weight maintenance, and nutritional needs of special populations.

815 Research Methods in Health and Human Performance (3) A study of the methods and techniques of research used in physical education, health education, and recreation. A critical analysis and evaluation of the professional literature will be included.

820 Concepts and Objectives of Health and Human Performance (3) Orientation for graduate students in using the problem-solving approach, whereby they learn to recognize, analyze, synthesize, classify, and solve problems.

825 Statistical Analysis in Health and Human Performance (3) A course dealing with the advanced statistical techniques used in the selection and evaluation of data appropriate for physical education.

830 Secondary School Curriculum in Physical Education (3) Practical applications of the principles of curriculum, construction, and evaluation to physical education in the secondary school. Construction of a curriculum guide for a specific situation.

835 Motor Learning (3) Psychological and neurophysiological factors related to the development of motor skills with emphasis on the teacher's role in facilitating learning.

840 Coaching Today's Athlete (3) The study of the psychological aspects of sport. Emphasis is placed on factors affecting the athlete's performance such as social facilitation, group cohesiveness, leadership, personality, and motivation.

845 Advanced Clinical Exercise Physiology (3) This course will provide students with concepts and skills necessary to provide effective preventative and rehabilitative exercise programming. The structures and organization of clinical exercise programs will also be emphasized. Requisites: PR, HHP 390.

847 Advanced Instrumentation in Exercise Physiology (3) Students will learn techniques of measuring physiological capacities and concepts of evaluating cardio-pulmonary function used by exercise specialists. Modalities covered will include resting and exercise blood pressure, arterial function/pulse waveforms, electrocardiogram/electrophysiology, and respiratory gas analysis. Requisites: PR, HHP 390.

850 Physiological Analysis of Motor Activity (3) An advanced study of the physiological parameter at rest and under acute stress. These physiological parameters will also be studied under chronic training. Laboratory experiences will be included.

855 Legal Issues in Health and Human Performance (3) Focuses on the concepts of tort law, constitutional law, and risk management as they relate to the sport and recreation professions.

860 Facilities in Physical Education and Athletics (3) Principles, terminology, and standards for planning, construction, use, and maintenance of facilities in physical education and athletics.

865 Graduate Internship in Human Performance + (1-12) May be enrolled in more than once for up to 12 hours of credit. Provides off-

campus opportunity for practical application of student's concentration. The student will work in private and/or public organizations. A maximum of six hours may count toward graduate degree requirements. Requisites: PERM of the department chair.

870 Professional Problems in Recreation (2) A critical analysis of problems in contemporary recreation.

871 Professional Problems in Health Education (2) A critical analysis of problems in contemporary health education.

872 Readings in Health and Human Performance + (1-3) Independent reading, tutorial conferences, and a written report on a selected subject in the field of health education, physical education, or recreation.

873 Culminating Experience (3) An independent learning experience designed to allow the student the maximum opportunity to incorporate the material learned from the core curriculum in an integrative fashion to best accomplish the goals and objectives of the student. The culminating experience can include, but is not limited to, a project, position paper, real world experience (i.e., organization and development of a workshop and its materials). Requisites: PERM.

874 Graduate Independent Study + (1-3) Independent study in health education, physical education, or recreation. Each student concentrates on a problem and prepares a written report.

875 Graduate Seminar + (1-3) Designed for in-depth study by graduate students. Presents contemporary topics under the guidance of qualified graduate faculty.

899 Thesis (2-6)

Athletic Training **Undergraduate** **Credit**

200 Anatomical Kinesiology (1) An introductory examination of kinesiology and musculoskeletal anatomy from a clinical perspective. This includes anatomical terminology, planes of movements, bony landmarks, origins and insertions of muscles, and primary muscular function.

210 Introduction to Athletic Training Clinical Lab (1) This course allows students to discuss, practice, and demonstrate athletic training competencies in a supervised setting. The student will master competencies in areas related to basic athletic training concepts and techniques. Requisites: PR, HHP 280 or concurrent enrolment.

220 Emergency Care in Athletic Training Lab (1) A laboratory course designed to provide the athletic training student knowledge and clinical skills relating to the emergency care of patients. This includes vital sign assessment, splinting, spinal immobilization techniques, oxygen administration, and other skills critical in man-aging emergent conditions. Requisites: HHP 220 with a "C" or better or PERM.

300 Techniques in Athletic Training (2) A laboratory course designed to provide the athletic training student the knowledge and clinical skills for the assessment and management of musculoskeletal injuries and conditions. This includes the measurement of girth, range of motion, measurement of environmental conditions, emergency equipment removal, splinting, padding, and bracing, use of proper terminology, and written documentation. Requisites: PR, ATEP 310 with a "C" or better.

310 Assessment and Care of Musculoskeletal Conditions (3) This course will teach recognition, evaluation, and management techniques to athletic training students focusing on musculoskeletal injuries and conditions of the upper extremity, knee, lower leg, ankle, and foot. This includes anatomical knowledge, common signs and symptoms of musculoskeletal injuries and conditions, evaluation techniques and special tests, correct use of medical terminology, and documentation skills. Requisites: PR, BIOL 230 and BIOL 232 or BIOL 345 and BIOL 345L with a "C" or better and Admission to the Athletic Training Education Program.

320 Assessment and Care of Musculoskeletal Conditions II (3) This course will teach recognition, evaluation, and management techniques to athletic training students focusing on musculoskeletal injuries and conditions of the pelvis, hip, thigh, head, face, temporomandibular joint, torso, and spine. This includes anatomical knowledge, common signs and symptoms of musculoskeletal injuries and conditions, evaluation techniques and special tests, correct use of medical terminology, documentation skills. Requisites: PR, ATEP 310 with a "C" or better.

325 Therapeutic Modalities (3) An in-depth study of therapeutic modality principles and practices in the treatment of musculoskeletal injuries and conditions. Requisites: PR, ATEP 310 with a grade of "C" or better.

330 Therapeutic Exercises I (3) An in-depth study of therapeutic exercise principles and practices as they apply to the rehabilitation of musculoskeletal injuries and conditions. Requisites: PR, ATEP 325 with a grade of "C" or better.

350 Athletic Training Practicum I (1) The course allows students to discuss, practice, and demonstrate athletic training competencies in a supervised setting. The student will master competencies in emergency assessment, emergency procedures, and other related topics. Requisites: PR, ATEP 220 with a "B" or better and admission to the Athletic Training Education 4Program.

355 Athletic Training Practicum II (1) This course allows students to discuss, practice, and demonstrate athletic training competencies in a supervised setting. The student will master competencies in the evaluation of musculoskeletal injuries and conditions, therapeutic modalities, and other related topics. Requisites: PR, ATEP 350 with a grade of "C" or better.

360 Athletic Training Practicum III (1) The course allows students to discuss, practice, and demonstrate athletic training competencies in a supervised setting. The student will master competencies in emergency care, musculoskeletal injury evaluations, therapeutic

modalities, therapeutic exercise, and related topics. Requisites: PR ATEP 355 with a "C" or better.

400 Assessment and Care of Musculoskeletal Conditions III

(3) This course focuses on recognizing, evaluating and caring for musculoskeletal injuries and conditions of the head, spine, thorax, and abdomen using evidence-based assessment techniques. This includes performing head, spine, thorax, and abdomen evaluations to determine a clinical diagnosis and critically analyzing through case study best treatment practices. In addition, anatomical knowledge, common signs and symptoms, common head, spine, thorax, and abdomen injuries/conditions, correct use of medical terminology and documentation skills will be covered. Requisites: ATEP 320 with a "C" or better.

410 Assessment and Care of General Medical Conditions (3)

A detailed study of how to prevent, recognize, evaluate, and manage various general medical conditions. Focus will be on pathology of common disease processes, their treatment, and the affect activity has on the disease process. Requisites: PR, ATEP 320 with a grade of "C" or better.

415 Therapeutic Exercise II (3)

An in-depth examination of the application of therapeutic principles and practices as applied to various musculoskeletal injuries and post-surgical conditions. This includes using research evidence to determine the efficacy of different rehabilitation techniques and programs. Requisites: ATEP 330 with a grade of "C" or better.

420 Administration of Athletic Training (3) This course examines various issues, policies, and procedures involved in the administration of an athletic training program including facility management and design, legal liability and risk management, pre-participation examinations, personnel management and recruiting, budgeting, equipment purchasing, record keeping, insurance, third-party reimbursement, health care services, and public relations. Requisites: PR, Junior standing in the Athletic Training Education Program.

425 Research in Athletic Training (2) A seminar course designed to assist the student in gaining and applying knowledge in the analysis and interpretation of athletic training research studies. In addition, the student will become familiar with the process of planning and conducting a workshop/seminar and will gain knowledge of the accreditation process and other professional responsibilities of a certified athletic trainer. Requisites: PR, Senior standing in the Athletic Training Education Program.

430 Athletic Training Foundations and Professional Development (1)

This course examines foundational behaviors and philosophies of the athletic training profession. The student will learn about the history, responsibilities, ethical behavior, scope of practice, future challenges, governance, and how to manage a career within the athletic training profession. This includes gaining knowledge of the accreditation process, influential organizational entities, and state practice acts. In addition, students will be required to complete a capstone project and prepare for the BOC certification examination. Requisite: ATEP 425 with a "C" or better.

465 Athletic Training Practicum IV (1) This course allows students to discuss, practice, and demonstrate athletic training competencies in a supervised setting. The student will master competencies in several areas related to the administration of athletic training, therapeutic exercise, and related topics. Requisites: PR, ATEP 360 with a grade of "C" or better.

470 Athletic Training Practicum V (1) The course allows students to discuss, practice, and demonstrate athletic training competencies in a supervised setting. The student will master competencies developed in other practicums as well as emergency care, several areas related to athletic training research, professional development, and public relations. Requisites: PR, ATEP 465 with a grade of "B" or better or PERM.

475 Athletic Training Practicum VI (1) The course provides students with opportunities to discuss, practice, and demonstrate athletic training competencies in a supervised setting. The student will review competencies from previous courses and will master competencies related to general medical rotations. Requisites: PR, ATEP 470 with a grade of "B" or better or PERM.

Graduate Credit

600 General Medical Pathophysiology () A detailed study on how to prevent, recognize, evaluate, and manage various general medical conditions. Focus will be on pathophysiology of common disease processes, their treatment, and the effect activity has on the disease process.

610 Emergency Care in Athletic Training () This course will focus on the recognition, pathophysiology, and care of traumatic injuries and medical emergencies.

625 Clinical Skills and Interventions Lab () A laboratory course designed to provide the athletic training student the knowledge and clinical skills relating to the assessment and management of the general medical and emergent patient. Clinical skills taught include, but are not limited to, performing a general medical evaluation, a trauma assessment, an emergent medical assessment, starting an IV, administering emergency medications, wound closure techniques, applying a variety of splints, performing CPR and using an AED, airway management techniques, spinal motion restriction, emergency equipment removal, and obtaining numerous objective measures (urinalysis, blood sugar, rectal temperature, vital signs, etc.).

630 Pharmacology for the Athletic Trainer () This course will provide athletic training students with an advanced level of knowledge concerning the identification and therapeutic use of common pharmacological agents. This includes pharmacokinetics, pharmacodynamics, indications, contraindications, adverse effects, dosage, legal issues, medication management, and parameters governing the use of medications commonly used.

640 Research & Evidence Based Practice in Athletic Training () This course examines research methods and techniques utilized to determine best practices in the profession of athletic training. This includes an examination of evidence-based practice literature and the start of a research capstone project.

650 Musculoskeletal Pathophysiology () This course focuses on recognizing and evaluating the pathophysiology of musculoskeletal injuries involving the upper extremity, lower extremity, head, neck and

spine. Using clinical reasoning skills and evidence-based practice, students will use a systematic approach in performing musculoskeletal exams to determine a clinical diagnosis and in designing a patient care plan.

655 Musculoskeletal Evaluation Lab () This course focuses on performing the psychomotor components of a musculoskeletal examination and patient care plan involving injuries of the upper extremity, lower extremity, head, neck and spine.

660 Therapeutic Interventions I () An in-depth examination of the application of therapeutic intervention principles and practices as they apply to various acute musculoskeletal injuries and acute treatment of post-surgical conditions. This includes using research evidence to determine the efficacy of different therapeutic interventions and rehabilitative techniques.

680 Clinical Practicum () This course will utilize clinical experiences in a variety of healthcare settings to allow students to practice applying clinical skills in general medical exams, acute and emergency care. Students will also complete general medical clinical experiences to gain interprofessional experience from physicians, nurse practitioners, nurses, EMS, and respiratory therapists by interacting with patients in non-sport populations and across various lifespans.

Massage Therapy **Undergraduate Credit**

100 Basic Massage Techniques (2) Hands on class designed to educate the student on basic massage techniques needed for a professional massage experience. Emphasis will be placed on correct body mechanics, self-care to prevent injury and proper Swedish techniques essential to massage therapy.

102 Fiscal Management and Ethical Practices (2) Introduces students to the daily business aspects and ethical challenges required in the starting, operating and marketing a massage practice.

104 Structural Anatomy for Massage Therapy (2) Designed to provide massage therapy students with the skills to identify, label, palpate and assess the human bodies skeletal, muscular and connective tissue variances for the purpose of safe massage.

106 Structure and Function of the Body I (2) An introduction to the human body including basic skeletal, muscular, integumentary and nervous systems need for the practice of massage.

108 Massage Lab I (4) Interactive hands-on class designed to develop skills necessary to become a massage therapist. Focus will be on proper draping, client boundaries and safe body mechanics.

110 Massage Clinic I (2) A controlled atmosphere monitored by faculty in which students will offer massage services to members of the community, faculty/staff or students with techniques learned in complimentary massage classes.

120 Advanced Massage Techniques (2) Advanced hands-on class designed to educate the student on advanced massage techniques needed for a professional massage experience using therapeutic stretching and tools.

122 Pathophysiology for Massage Therapy (3) Course is designed to cover the major pathologies of the human body, along with their indications and contraindications for professional massage therapy.

124 Functional Kinesiology for Massage Therapy (2) This course covers the muscular- skeletal systems of the human body and how these systems provide the body with daily support and movement. Students will develop an understanding of how to assess and correct deviations in body movement essential for the structural analysis for massage therapists.

126 Structure and Function of the Body II (2) An advanced, comprehensive study of the human body. Includes knowledge of the cardiac, lymphatic, vascular and digestive systems as applied to the practice of massage.

128 Massage Lab II (4) Interactive hands-on class designed/ enhance to develop skills necessary to become an advanced massage therapist. Focus will be on the utilization of advanced techniques with massage therapy tools during lab hours.

130 Massage Clinic (2) A controlled atmosphere in which students will perform massages for various clients, employing techniques learned in complimentary massage classes.

150 Externship for Massage Therapy (3) Clinical/fieldwork practice that allows students the opportunity to practice learned techniques in a supervised environment.

* General Education Course

+ Course may be repeated

Lab Required

Department of Nursing

You know you want to help people through their life milestones, health goals and treatment challenges. If your personality embodies a commitment to support others and a passion for customized personal care, you have found the program that will naturally forge you ahead toward your career ambition.

The Department of Nursing at Fort Hays State University invites you to leverage the resolve and relentless attention to detail that's already deep within your DNA.

At Fort Hays State, we provide programs and courses designed to meet your diverse career objectives in a student-centered learning environment with undergraduate and graduate programs, post-graduate certificate programs and a doctoral degree program.

Our programs incorporate the latest technology in a feedback-driven, student-focused environment where you will:

Interact with highly qualified faculty who are eager to share rich clinical and nursing experiences with you in courses with small class sizes

Pursue and achieve an in-demand degree that prepares you for a rewarding career

Maximize our student resources to stay connected, supported and inspired

Network and make friends through student and professional organizations.

We are ready for you to join us in advancing your nursing education and preparing for a career that meets your passion for caring for people.

The Bachelor of Science in Nursing (BSN), Master of Science in Nursing (MSN), and Doctor of Nursing Practice program at Fort Hays State University is accredited by the Commission on Collegiate Nursing Education (<http://www.ccnaccreditation.org>).

Department of Nursing Faculty & Staff

See department page online for full listing

Bachelor of Science in Nursing

BSN Tentative Curriculum Plan Starting Fall 2023

Freshman & Sophomore Years:

Nursing Pre-Requisite Courses	Credits
ENG 101 - English Comp. I	3
ENG 102 - English Comp. II	3
COMM 100 - Oral Communications	3
MATH 110 - College Algebra	3
MATH 250 - Elements of Statistics	3
HHP 230 - Principles of Nutrition	3
PSY 100 - General Psychology	3
BIOL 230 - Human Anatomy & Physiology I	3
BIOL 230L - Human Anatomy & Physiology I Lab	1
BIOL 231 - Human Anatomy & Physiology II	3
BIOL 231L - Human Anatomy & Physiology II Lab	1
BIOL 240 - Microbiology for Allied Health	3
BIOL 240L - Microbiology for Allied Health Lab	1
TEEL 231 - Human Growth & Development	3

Additional Program Requirements

These may be taken before or after admission to the program.

Courses	Credits
CHEM 110 - Molecules & Society	2
PHIL 330 - Bioethics	3

Other Required General Education Courses

Courses	Credits
UNIV 101 - Freshman Seminar (1st time FHSU Freshman)	1
BIOL 100 - Human Biology (pre-req to BIOL 240)	3
INF 101 - Intro to Computer Information Systems or FIN 205 - Theory & Practice of Personal Finance	3
Arts/Humanities Credit	3
Critical Thinking Credit	3
Social/Behavioral Sciences Credit	3
Elective	3

Nursing Electives (Not Required)

Courses	Credits
NURS 103 - Intro to Nursing	1
NURS 488 - Global Nursing	1
NURS 488L - Global Nursing Practicum	2
NURS 424 - Acute Care Internship	4

Junior & Senior Years (Nursing Program Courses):

Junior Year - 1st Semester

Courses	Credits
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NURS 282 - Foundations of Nursing Care	2
NURS 282L - Foundations of Nursing Care Practicum	1
NURS 313 - Nursing Professional Development	2
NURS 303 - Health Assessment	3
NURS 303L - Health Assessment Lab	1
NURS 310L - Nursing Skills Lab	2
NURS 306 - Pathophysiology	3
NURS 290 - Math Calculation for Drug Administration	2

Junior Year - 2nd Semester

Courses	Credits
NURS 311 - Acute Nursing Care	4
NURS 311L - Acute Nursing Care Practicum	2
NURS 330 - Chronic Nursing Care	4
NURS 330L - Chronic Nursing Care Practicum	2
NURS 340 - Pharmacology I	3

Senior Year - 1st Semester

Courses	Credits
NURS 430 - Complex Nursing Care	4
NURS 430L - Complex Nursing Care Practicum	2
NURS 420 - Maternal, Infant, & Pediatric Nursing Care	3
NURS 420L - Maternal, Infant & Pediatric Practicum	2
NURS 341 - Pharmacology II	2
NURS 322 - Evidence-Based Practice	2

Senior Year - 2nd Semester

Courses	Credits
NURS 429 - Community Nursing Care	3
NURS 429L - Community Nursing Care Practicum	1
NURS 431 - Nursing Management in Healthcare	3
NURS 413 - Transition to Practice	3
NURS 431L - Capstone Internship	4

120 credit hours are needed to graduate with a Bachelor's Degree in Nursing.

BSN Tentative Curriculum Plan Spring 2022 and Prior

Nursing pre-requisite courses (or transferable equivalents) are listed in bold and marked with a pound sign. These courses must be completed prior to beginning the nursing program. General education courses can be completed while taking Nursing Program courses but must be completed by the end of the Nursing Program to finish the BSN degree.

FRESHMAN YEAR

<i>First Semester</i>	<i>Course No.</i>	<i>Cr</i>	<i>Second Semester</i>	<i>Course No.</i>	<i>Cr.</i>
# English Composition I	ENG 101	3	# English Composition II	ENG 102	3
# College Algebra	MATH 110	3	# General Psychology	PSY 100	3
Human Biology	BIOL 100	3	# Human Anatomy & Physiology I	BIOL 230	3

Introduction to Computer Information Systems	INF 101	3	# Human Anatomy & Physiology Lab I	BIOL 230L	1
Personal Wellness	HHP 200	3	# Medical Terminology	BIOL 245	2
Into to Nursing *Elective	NURS 103		Personal Finance	FIN 205	3
# Freshman Seminar	UNIV 101	1			
Total Cr. Hours		16	Total Cr. Hours		15

SOPHOMORE YEAR

<i>Third Semester</i>	<i>Course No.</i>	<i>Cr</i>	<i>Fourth Semester</i>	<i>Course No.</i>	<i>Cr.</i>
# Oral Communications	COMM 100	3	# Microbiology	BIOL 240	3
# Elements of Statistics	MATH 250	3	# Microbiology Lab	BIOL 240L	1
# Human Anatomy & Physiology II	BIOL 231	3	# Principles of Nutrition	HHP 200	3
# Human Anatomy & Physiology Lab II	BIOL 231L	1	# Human Growth & Development	TEEL 231	3
Critical Thinking	PHIL 101	3	History Choice		3
Aesthetic Choice		3	Global Choice		3
Total Cr. Hours		16	Total Cr. Hours		16

JUNIOR YEAR

<i>Junior 1 Semester</i>	<i>Course No.</i>	<i>Cr</i>	<i>Junior 2 Semester</i>	<i>Course No.</i>	<i>Cr.</i>
Foundations of Nursing Care	NURS 282	3	Acute Nursing Care	NURS 311	3
Foundations of Nursing Care Practicum	NURS 282L	1	Acute Nursing Care Practicum	NURS 311L	2
Nursing Professional Development	NURS 313	3	Chronic Nursing Care	NURS 330	3
Health Assessment	NURS 303	2	Chronic Nursing Care Practicum	NURS 330L	2
Health Assessment Lab	NURS 303L	1	Pharmacology 1	NURS 340	2
Nursing Skills Lab	NURS 310L	2	Bioethics	PHIL 330	3
Pathophysiology	NURS 306	3			
Total Cr. Hours		15	Total Cr. Hours		15

ELECTIVE COURSES

<i>Elective Courses</i>	<i>Course No.</i>	<i>Cr.</i>
Acute Care Internship	NURS 424 L	4
Global Nursing Experience	NURS 488	3

SENIOR YEAR

<i>Senior 1 Semester</i>	<i>Course No.</i>	<i>Cr</i>	<i>Senior 2 Semester</i>	<i>Course No.</i>	<i>Cr.</i>
Complex Nursing Care	NURS 430	3	Community Nursing Care	NURS 429	3
Complex Nursing Practicum	NURS 430L	2	Community Nursing Care Practicum	NURS 429L	1

Pharmacology 2	NURS 341 1	Nursing Management in Healthcare	NURS 431 3
Maternal, Infant & Child Care	NURS 420 3	Capstone Internship	NURS 431L 3
Maternal, Infant & Child Practicum	NURS 420L 2	Transition to Practice	NURS 413 2
Evidence Based Practice	NURS 322 2		
*Molecules & Society	CHEM 110 2		
Total Cr. Hours	15	Total Cr. Hours	12

*Courses may be taken prior to starting the BSN program.

Bachelor of Science in Nursing: RN to BSN

Online RN to BSN Program

About the RN to BSN Program

The RN to BSN Program at FHSU provides registered nurses a flexible, 100% on-line option to complete their BSN Degree in as few as three semesters. As an incoming student, you can enter the program at any semester: fall, spring, or summer. The RN to BSN Program can expand your knowledge and skills in leadership and critical thinking and provide future career options.

****To be officially admitted to the RN to BSN Program, you must have a valid RN license.***

Applying

To apply to the RN to BSN Program, please click here for the [RN to BSN application](#).

Next, to apply to Fort Hays State University, [please click here to apply to FHSU](#).

A student applies as an undergraduate, degree-seeking student. To apply, you will be creating an account in Workday. To modify, save, or come back to your application, you will be asked to sign in with a username (email) and password you create. The applicant type for the RN to BSN Program is Transfer and your Program of study upon entry will be Nursing (Pre-RN to BSN) - BSN. After official admittance to the RN to BSN Program, your Program of Study will be changed to Nursing (RN to BSN) - BSN. For additional help with the application process or questions regarding the RN to BSN Program, please contact Laurie Dinkel at lrinkel2@fhsu.edu.

Applicants must be accepted to Fort Hays State University before official admittance into the RN to BSN Program. Additionally, all official transcripts must be received to process your application.

Fort Hays State University Department of Nursing does not accept applications for the nursing program from the following states: Tennessee, Alabama, and Washington.

Clinical Clearance Requirements

The RN to BSN Program at FHSU requires preceptor led clinicals in course NURS 449. Please note that clinical clearance requirements include obtaining student liability insurance, a background check, drug testing and immunization records.

Fort Hays State University works diligently with students to secure clinical contracts across the United States. On rare occasions due to locations or state or facility requirements, we are unable to negotiate a contract. In this event, if another site cannot be obtained at the students location, a clinical site in Hays, Kansas will be provided for the student. If this occurs, students will need a Kansas license and will need to come to Kansas for their practicum experience. We encourage you to start the collaborative process of obtaining a preceptor early in your program. If you have questions about this process, please contact the Nursing Department at Nurs.Contracts@fhsu.edu.

[Nursing Handbook](#) - guidance for all BSN Nursing Students.

Program Entrance Requirements

1. Current active RN license issued in the United States. Students may register in University courses while finishing their RN Program. *Note: taking University courses before being admitted to the RN-BSN Program does not guarantee admission to the RN-BSN Program.*

- Cumulative GPA of 2.5 or above.
- [WES+](#) and [CGFNS](#) transcript reviews required (if applicable).

Program Requirements

- Maintain active RN license issued in the United States.
- Minimum grade of C for all RN to BSN Program Degree Requirements and Nursing Courses.
- Transfer courses accepted from regionally accredited schools only (verified by the Higher Learning Commission). Click here to view [Transfer Courses](#) accepted by FHSU.

Course Number	Course	Credit Hours
COMM 100	Oral Communication	3
ENG 101	English Composition I.	3
ENG 102	English Composition II.	3
MATH 110 or MATH 101	College Algebra or Contemporary Math	3
BIOL 230 & lab + BIOL 231 & lab	Human Anatomy & Physiology I and II & Labs	5-8
BIOL 240 & BIOL 240L	Microbiology for Allied Health & Lab	3 & 1
CHEM 100 or CHEM 110	Chemist's View of the World OR Molecules and Society	2-3
PSY 100	General Psychology	3

Degree Requirements

- 120 credit hours or above required for a BSN degree, 30 taken directly through FHSU, and 45 credit hours must be upper division.
- Transfer students from KBOR institutions who have completed an Associate of Arts (AA) or Associate of Science (AS) program at a Kansas community college will have fulfilled all FHSU general education requirements
- Transfer students from outside Kansas who have completed an Associate of Arts (AA) or Associate of Science (AS) program from a regionally-accredited institution outside of Kansas must complete the [KBOR system-wide general education program requirements](#). This also includes Diploma Nurses with less than 36 transferable credit hours.
- International Students: The RN to BSN Program is an on-line program. It does not meet the requirements for International students who require on-campus courses.
- Students who have a current U.S. RN license with transcripts from outside the United States must have two evaluations completed on his/her transcripts: [WES+](#) and [CGFNS](#).

RN to BSN Courses

All courses are 8 weeks in length. A section of each course will be offered every 8 weeks. *Both NURS 440 Informatics for the RN and NURS 442 Legal and Ethical Issues in Healthcare may be taken prior to acceptance in the Nursing Program. Please note the successful completion of these courses does not impact or guarantee acceptance into the program.*

(Contact your academic advisor for more information)

Course Number	Course	Credit Pre-requisite Hours	Pre-January 2018 Course Equivalency	Credit Hours
NURS 440	Informatics for the RN	3		
NURS 441	Professional Roles for the RN	3	NURS 280 Foundations of Nursing & NURS 294 Nursing Transition	2, 1
NURS 442	Legal & Ethical Issues in Healthcare	3	NURS 320 Ethics & NURS 321 Legal	1, 1
NURS 443	Community-Focused Care for the RN	3	NURS 632 Population-Focused Care	3
NURS 445	Health Promotion	3	NURS 603+NURS 603L Health Assessment and lab	2, 1
NURS 446	Nursing Inquiry for the RN	3	NURS 322 Intro to Evidence-Based Research	2

NURS 447	Trends Facing Healthcare	3			
NURS 448	Healthcare Policy & Cost for the RN	3		NURS 491 Healthcare Systems, Policy, & Cost	2
NURS 449*	Leadership & Management for the RN with Practicum	3	NURS 446	NURS 631 Integration for the RN	3
NURS 450	Healthcare Quality Improvement for the RN	3	NURS 446 and NURS 449	NURS 631L Internship for the RN	3
	Total	30			

*Class NURS 449 requires direct care hours with a preceptor and approved clinical site.

Advanced Standing Credit

As a Registered Nurse, you are eligible for Advanced Standing Credit towards your BSN degree by demonstrating successful completion of the NCLEX-RN national exam. The University requires 45 upper division hours and 60 hours from a four-year institution. Advanced Standing Credit can help you achieve these requirements. 36 credit hours will be credited and posted to the student's transcript at the end of the final semester. Below are the courses that may be credited.

Course Number	Course	Credit Hours
NURS 310L	Nursing Skills Lab	2
NURS 311	Acute Nursing Care	3
NURS 311L	Acute Nursing Care Practicum	2
NURS 328	Mental Health Nursing	3
NURS 328L	Mental Health Nursing Practicum	1
NURS 330	Chronic Nursing Care	3
NURS 330L	Chronic Nursing Care Practicum	2
NURS 340	Pharmacology I	2
NURS 341	Pharmacology II	2
NURS 420	Maternal, Infant, and Pediatric Nursing Care	3
NURS 420L	Maternal, Infant and Pediatric Practicum	3
NURS 422	Pediatrics	2
NURS 422L	Pediatrics Practicum	1
NURS 423	Concepts of Gerontology	1
NURS 430	Complex Nursing Care	3
NURS 430L	Complex Nursing Care Practicum	3
	Total	36

Master of Science in Nursing: Nursing Administration

Fort Hays State University
 Department of Nursing – Graduate Nursing Program 600 Park St.,
 Hays, KS 67601

MASTER OF SCIENCE IN NURSING (MSN) for Nurse Administrators (NA)*

Date:							
Student:							
Advisor:							
Black boxes = course not available							
Courses to Take (add year)							
CATEGORY:	NURS ID	NAME OF COURSE	HRS	PRE-REQ	FALL	SPRING	SUMMER
CORE	NURS 808	Advanced Statistics	3				
FOUNDATIONAL	NURS 809	Advanced Foundations for Nursing Practice	3				
FOUNDATIONAL	NURS 810	Developing Nursing Theories	3				
PRACTICE	NURS 807	Advanced Pathophysiology, Pharmacology, and Health Assessment for Nurse Educators and Nurse Administrators	3				
PRACTICE	NURS 802	Advanced Health Assessment Practicum for Educators and Administrators (30 clock hrs with virtual program)	1				
FOUNDATIONAL	NURS 814	Healthcare: Policy/Politics/Organization/Cost	2				
FOUNDATIONAL	NURS 872	Informatics in Health Care Systems	3				
FOUNDATIONAL	NURS 882	Research in Nursing	3	NURS 808			
NURSE ADMINISTRATOR (NA) TRACK (MSN and Post-MSN available)							
Courses to Take (add year)							
CATEGORY: NA TRACK	NO. NURS	NAME OF COURSE			FALL	SPRING	SUMMER
FUNCTIONAL	NURS 861	Complexity in Health Care Organization	3				
ROLE	NURS 862	Administrative Management in Health Care Organizations	3				
ROLE	NURS 876	Apprenticeship: Nursing Administration (90 precepted hours)	3	NURS 861 or NURS 862			
PRACTICE	NURS 890	Development of an Evidence-Based Practice Project	1	NURS 808 & NURS 882			
PRACTICE	NURS 891	Implementation & Evaluation of an Evidence-Based Practice Project	2	NURS 890			
ELECTIVE		Graduate Elective Course	3				
TOTAL Credit hours: MSN in NURSING ADMINISTRATION (NA)			36				
(Post MSN NA take: NURS 861, 862, 876, & Graduate Elective Course= 12 credit hours)							

Master of Science in Nursing: Nursing Administration (online)

Program Overview

[\(Full Curriculum & Course Rotation PDF\)](#)

FOUNDATION COURSES

- NURS 808 Advanced Statistics 3
- NURS 809 Advanced Foundations for Nursing Practice 3
- NURS 810 Developing Nursing Theories 3
- NURS 807 Advanced Pathophysiology, Pharmacology, & Health Assessment for Nurse Educators & Nurse Administrators 3
- NURS 802 Advanced Health Assessment Practicum for Educators and Administrators 1
- NURS 814 Healthcare: Policy/Politics/Organization/Cost 2
- NURS 872 Informatics in Health Care Systems 3
- NURS 882 Research in Nursing 3

NURSE ADMINISTRATOR TRACK COURSES

- NURS 861 Complexity in Health Care Org 3
- NURS 862 Administrative Management in Health Care Organizations 3
- NURS 876 Apprenticeship: Nursing Administration 3**
- NURS 890 Development of an Evidence-Based Practice Project 1
- NURS 891 Implementation & Evaluation of an Evidence-Based Practice Project 2
- Graduate Elective Course 3

TOTAL CREDIT HOURS 36

****Nursing Administration NURS 876 – Preceptor is to be a RN with MSN degree working in a nursing administrative role in a healthcare facility.**

Master of Science in Nursing: Nursing Education

Fort Hays State University Department of Nursing – Graduate Nursing Program 600 Park St., Hays, KS 67601							
MASTER OF SCIENCE IN NURSING (MSN) for Nurse Educators (NE)*							
Date: Student: Advisor:					Black boxes = course not available Courses to Take (add year)		
CATEGO RY:	NU RS ID	NAME OF COURSE	H R S	PRE-REQ	FAL L	SP G	SU M
CORE	NURS 808	Advanced Statistics	3				
FOUNDATIONAL	NURS 809	Advanced Foundations for Nursing Practice	3				
FOUNDATIONAL	NURS 810	Developing Nursing Theories	3				
PRACTICE	NURS 807	Advanced Pathophysiology, Pharmacology,	3				

		and Health Assessment for Nurse Educators and Nurse Administrators					
PRACTICE	NURS 802	Advanced Health Assessment Practicum for Educators and Administrators (30 clock hrs via virtual program)	1				
FOUNDATIONAL	NURS 814	Healthcare: Policy/Politics/Organization/Cost	2				
FOUNDATIONAL	NURS 872	Informatics in Health Care Systems	3				
FOUNDATIONAL	NURS 882	Research in Nursing	3	NURS 808			
NURSE EDUCATOR (NE) TRACK (MSN and Post-MSN available) Courses to Take (add year)							
CATEGORY TRACK	NO NURS	NAME OF COURSE			FAL L	SP G	SU M
CORE	NURS 866	Teaching Strategies in Nursing	3	MSN CORE co-req 867			
CORE	NURS 867	Apprenticeship: Teaching Strategies (clinical hours required)	2	MSN CORE co-req N866			
CORE	NURS 868	Curriculum Planning: Nursing Education	3	MSN CORE co-req N869			
CORE	NURS 869	Apprenticeship: Nursing Education Curriculum Planning (clinical hours required)	1	MSN CORE co-req N868			
CORE	NURS 870	Nursing Education: Curriculum Evaluation	3	MSN CORE			
PRACTICE	NURS 890	Development of an Evidence-Based Practice Project	1	NURS 808 & NURS 882			
PRACTICE	NURS 891	Implementation & Evaluation of an Evidence-Based Practice Project	2	NURS 890			
TOTAL Credit hours: MSN Nurse Educator (NE)			36				
(Post MSN NE take: NURS 866, 867, 868, 869, & 870 = 12 credit hours)							

R: Graduate Committee: Proposed MSN core curriculum 2017, 10/17ch, 9/18

Master of Science in Nursing: Nursing Education (online)

Program Overview

[\(Full Curriculum & Course Rotation PDF\)](#)

FOUNDATION COURSES

NURS 808 Advanced Statistics 3

NURS 809 Advanced Foundations for Nursing Practice 3

NURS 810 Developing Nursing Theories 3

NURS 807 Advanced Pathophysiology, Pharmacology, & Health Assessment for Nurse Educators & Nurse Administrators 3
 NURS 802 Advanced Health Assessment Practicum for Educators and Administrators 1
 NURS 814 Healthcare: Policy/Politics/Organization/Cost 2
 NURS 872 Informatics in Health Care Systems 3
 NURS 882 Research in Nursing 3

NURSE EDUCATOR TRACK COURSES

NURS 866 Teaching Strategies in Nursing 3
 NURS 867 Apprenticeship: Teaching Strategies 2**
 NURS 868 Curriculum Planning: Nursing Education 3
 NURS 869 Apprenticeship: Nursing Education Curriculum Planning 1**
 NURS 870 Nursing Education: Curriculum Evaluation 3
 NURS 890 Development of an Evidence-Based Practice Project 1
 NURS 891 Implementation & Evaluation of an Evidence-Based Practice Project 2

TOTAL CREDIT HOURS 36

**Nursing Education NURS 867 & NURS 869 – Preceptors are to be RNs with a MSN degree with teaching experience.

DOCTOR OF NURSING PRACTICE

BSN to DNP Plan of Study (for cohorts admitted Summer 2022 and after)

Course Title	Course Credit Hours	Total Semester Hours
Summer 1		
NURS 872: Informatics in Health Care Systems	3	6
NURS 952: Foundations for the Doctoral Leader	3	
Fall 1		
NURS 808: Advanced Statistics	3	6
NURS 810: Developing Nursing Theories	3	
Spring 1		
NURS 882: Research in Nursing	3	6
NURS 914: Healthcare Finance & Policy for the APRN	3	
Summer 2		
		0
Fall 2		
NURS 906: Advanced Pathophysiology	3	9
NURS 945: Population Health	3	
NURS 954: Advanced Nursing Leadership	3	
Spring 2		
NURS 903: Advanced Health Assessment	3	7
NURS 903L: Advanced Health Assessment Practicum	1	
NURS 905: Advanced Pharmacology	3	
Summer 3		
NURS 935: Primary Care for the Pediatric Population	3	3
Fall 3		

NURS 921: Primary Care I	3	9
NURS 924: DNP Preceptorship 1 (1:5=225 clinical hours)	3	
NURS 953: Evidence Based Practice and Scholarly Tools	3	
Spring 3		
NURS 956: DNP Quality Improvement Methods	3	9
NURS 957: DNP Project I	3	
NURS 960: DNP Preceptorship II (1:5=225 clinical hours)	3	
Summer 4		
NURS 916: Nurse Practitioner Roles in Primary Care	3	5
NURS 918: Primary Care for the Adult and Geriatric Population	2	
Fall 4		
NURS 932: Primary Care II	3	9
NURS 934: DNP Preceptorship III (1:5=225 clinical hours)	3	
NURS 958: DNP Project II	3	

Fort Hays State University MSN to DNP Plan of Study (for cohorts admitted Summer 2022 and after)

Course Title	Course Credit Hours	Total Semester Hours
Summer 1		
NURS 872: Informatics in Health Care Systems	3	6
NURS 952: Foundations for the Doctoral Leader	3	
Fall 1		
NURS 808: Advanced Statistics (if applicable)*	3	6 w/o stats 9 w/stats
NURS 953: Evidence Based Practice and Scholarly Tools	3	
NURS 954: Advanced Nursing Leadership	3	
Spring 1		
NURS 956: DNP Quality Improvement Methods	3	6
NURS 957: DNP Project I	3	
Summer 2		
NURS 914: Healthcare Finance & Policy for the APRN	3	3
Fall 2		
NURS 945: Population Health	3	6
NURS 958: DNP Project II	3	
Spring 2		

NURS 959 DNP Project III	3	3
Total Program Hours		30 w/o stats 33 w/stats

*Graduate statistics is required, but students may be exempt from this requirement if a Graduate Statistics course was previously taken as part of an MSN program. Students needing Graduate statistics must take within the first two semesters.

Certificates in Nursing

Nursing Administration Certificate

For students who have already obtained a graduate degree in nursing, the department offers a post-masters certificate in nursing administration. This certificate program is perfect for the advanced practice nurse or nurse educator who wishes to become a nurse administrator.

Nursing Administration Certificate (12 credit hours):

NURS 861 Complexity in Health Care Organizations 3
 NURS 862 Administrative Management in Health Care Organizations 3
 NURS 876 Apprenticeship: Nursing Administration 3**
 Graduate Elective Course 3

Nursing Administration Badge (6 credit hours):
 Any 6 credit hours within the Nursing Administration track courses

Certificates and badges will be sent to the students upon successful completion of the required credit amount.

****Nursing Administration NURS 876 – Preceptor is to be a RN with MSN degree working in a nursing administrative role in a healthcare facility.**

Nursing Education Certificate

For students who have already obtained a graduate degree in nursing, the department offers a post-masters certificate in nursing education. This certificate program is perfect for the advanced practice nurse or nursing administrator who wishes to enhance teaching skills.

Nursing Education Certificate (12 credit hours):

NURS 866 Teaching Strategies in Nursing 3
 NURS 867 Apprenticeship: Teaching Strategies 2**
 NURS 868 Curriculum Planning: Nursing Education 3
 NURS 869 Apprenticeship: Nursing Education Curriculum Planning 1**
 NURS 870 Nursing Education: Curriculum Evaluation 3

Nursing Education Badge (6 credit hours):
 Any 6 credit hours within the Nursing Education track courses

Certificates and badges will be sent to the students upon successful completion of the required credit amount.

****Nursing Education NURS 867 & NURS 869 – Preceptors are to be RNs with a MSN degree with teaching experience.**

Note to International Students: The MSN Program is an on-line program. It does not meet the requirements for International students who require on-campus courses

Course Listings – Nursing

Undergraduate Credit

103 Introduction to Nursing (1) The course is designed for all students interested in learning about the discipline of nursing. The scientific basis for nursing practice is explored. Course content includes the roles and functions of nurses in various settings, types of educational programs available, basic nursing organizations, guidelines for nursing practice, and selected concepts such as touch, life continuum, caring, empathy, intimacy, and wholeness. Requisites: Freshman standing.

104L Nursing Fundamentals (2) This course introduces the student to fundamental skills for nursing care of individuals throughout the lifespan. Content focus includes but is not limited to proper communication techniques, basic documentation skills, basic terminology and legal/ethical responsibilities. Requisites: PR, BIOL 230.

207 Pathophysiology I (2) This course introduces the student to major concepts and commonly used terminology related to pathology in each organ system. Requisites: PR, BIOL 230 and BIOL 230L.

280 Foundations of Nursing (3) History, philosophy and theories of nursing are discussed in terms of their significance to the practice of professional nursing. History and philosophy are discussed as a basis for understanding the overview of current theories of nursing. The course is designed to provide a professional basis for nursing practice.

282 Foundations of Nursing Care () This course discusses common health problems, safety, and decision making based on the nursing process for the care of the adult client. This course also explores medications, medication classification, pharmacokinetics and pharmacodynamics based on pathophysiology concepts.

282L Foundations of Nursing Care Practicum () This practicum is designed to provide the student with beginning opportunities to observe and provide nursing care for adult clients experiencing complications of health and illness in various settings.

290 Math Calculations for Drug Administration (1) This course will assist the student to attain a level of proficiency in calculating medication dosages. Requisites: PR, MATH 110.

294 Nursing Transition (1) This course is designed for Registered Nurses and Licensed Practical Nurses who wish to complete a baccalaureate degree in Nursing. The course introduces the organizing framework of the FHSU Nursing curriculum and provides strategies for analyzing the student's process through role development and transition. Requisites: PR, U.S. RN license required.

303 Health Assessment (2) Provides theory of the nurse's role in performing health assessments including interviewing, the health history, and physical examination techniques for

clients of various ages. Requisites: PR, Admission to the BSN program.; CR, NURS 303L.

303L Health Assessment Lab () Designed to assist the student in developing beginning skills in health assessment of clients of various ages.

306 Pathophysiology () This course presents a foundation to the pathophysiology of the human body within diverse populations in the continuum of wellness, acute, and chronic illness.

307 Pathophysiology II () This course applies information from basic science courses, Health Assessment, and Pathophysiology I to achieve understanding of selected common health impairments.

303L Health Assessment Across the Lifespan Lab (1) Designed to assist the student in developing beginning skills in health assessment of clients of various ages. Requisites: PR, Admission to the BSN program; CO, NURS 303

310L Nursing Skills Laboratory (2) This laboratory course will assist the student to acquire knowledge and attain proficiency in essential nursing skills. Students will be introduced to the process of self-directed learning as it applies to nursing skills and technology. One-time program fee of \$550.00 is associated with enrollment in this course. Requisites: PR, Admission to Nursing Major.

311 Acute Nursing Care (3) This course introduces nursing care of diverse patient populations experiencing acute illness. The focus is on risk factors, signs and symptoms, nursing assessments and interventions for selected acute conditions.

311L Acute Nursing Care Practicum (2) This practicum will introduce students to clinical settings where they will perform essential nursing skills focused on clients with acute illnesses.

313 Nursing Professional Development () The course will explore the history of nursing and provide an introduction to the roles and responsibilities of a professional registered nurse.

320 Health Care Ethics () This course explores the content and practice of ethical decision making in health care.

321 Health Care: Legal Aspects () This course introduces the students to regulations and/or laws as they apply to nursing or other health care professions.

322 Evidence-Based Practice () The purpose of this course is to investigate the processes required to interpret, evaluate, and integrate evidence into nursing practice. This course includes the basic concepts of evidenced-based research for nursing practice, and an analysis of qualitative and quantitative research methods. Requisites: PR, MATH 250, Must be admitted to BSN program.

328 Mental Health Nursing (3) This course examines professional nursing therapeutics focused on mental health and the care of persons with mental illness. It discusses the care of persons of various age groups with psychiatric mental health illness. Psycho- pathology of mental health illness are reviewed. Application of the nursing process within a multidisciplinary team approach is emphasized. Requisites: PR, Admission to the BSN program; CL, NURS 328L

328L Mental Health Nursing Practicum (1) This practicum is designed to provide the student with opportunities to care for clients experiencing a psychiatric and/or mental health illness. Emphasis will be placed on the role of the professional nurse in various mental health settings as well as current treatment modalities. Requisites: PR, Admission to BSN Nursing Program; CO, NURS 328.

330 Chronic Nursing Care (3) This course introduces nursing care of diverse patient populations experiencing chronic illness. Focus is on risk factors, signs and symptoms, nursing assessments and interventions for selected chronic conditions. Requisites: PR, Admission to the BSN Nursing Program; CL, NURS 330L.

330L Chronic Nursing Care Practicum (2) In this practicum, students will provide nursing care to clients with chronic illnesses in diverse clinical settings. Requisites: PR, Admission to the BSN Nursing Program; CO, NURS 330.

340 Pharmacology I (2) This course explores medications, medication classifications, pharmacokinetics and pharmacodynamics based on pathophysiology concepts. This course also explores the legal/ethical and professional parameters of medication therapy. Requisites: PR, Admission to the BSN program.

341 Pharmacology II (2) This sequential course explores medications, drug classifications, pharmacokinetics and pharmacodynamics based on pathophysiology concepts covered in NURS 330 Health and Illness II. This course also explores the legal / ethical and professional parameters of drug therapy. Requisites: PR NURS 340, Admission to the BSN Program.

413 Transition to Practice (1) This course will allow students to review essential professional nursing content and practice test taking strategies to prepare the student for the NCLEX-RN examination.

420 Maternal, Infant, and Pediatric Nursing Care (3) This course will assist the student to explore the knowledge, development, and management of the multidisciplinary care of the childbearing family, infants, & pediatrics. Through the integration of evidenced based research in relation to health promotion, and disease prevention, the students will explore the common concerns of childhood and the childbearing family.

420L Maternal, Infant, and Pediatric Practicum (3) This practicum course affords the student the opportunity to manage and plan the care of mothers, infants, children, adolescents, and families from conception through childhood in diverse clinical settings utilizing the nursing care process. Attention given to the diverse needs of women, infants, children, adolescents and

families with respect to differences in age, culture, and psychosocial attributes.

422 Pediatrics (2) This course will assist the student to explore the knowledge and management of care for the child, adolescent, parenting family, support systems and aggregates. Requisites: CL, NURS 422L.

422L Pediatric Practicum (1) This practicum will assist the student to manage the care of pediatric populations and their families in diverse clinical settings. Requisites: CO, NURS 422.

423 Concepts of Gerontology (1) This course will focus on concepts related to specific health care needs of the growing older adult population. Essential geriatric competencies will be incorporated to promote comprehension of the aging process and the role of the nurse in promoting interdisciplinary evidence-based health care. Requisites: PR; Must be admitted to BSN Program, successful completion of Jr. II courses.

424 Internship in Acute Care I (0) A preceptor-directed clinical practicum internship that offers the student an opportunity to explore the content and practice of nursing in an area of interest to the student. One credit hour equals 60 clock hours of experience.

426 Internship in Acute Care II (0) A guided advanced clinical practicum internship that offers the student an opportunity to explore the content and practice of nursing in an area of interest to the student.

429 Community Nursing Care (2) This course will assist the student to explore the knowledge and management of populations with an emphasis on community and public health concepts, issues, roles, policies and trends. Requisites: PR; Admission to the BSN Program; CL, NURS 429L

429L Community Nursing Care Practicum (1) This practicum course will assist the student to manage the care process for populations with emphasis on integrating public/community health concepts. Requisites: PR, Admission to BSN Program; CO, NURS 429.

430 Complex Nursing Care (3) This sequential course examines the complex nursing care of diverse patient populations. Focus is on risk factors, signs and symptoms, nursing assessments and interventions for selected conditions.

430L Complex Nursing Care Practicum (3) This practicum is designed to provide the student with opportunities for complex nursing care for clients experiencing varying complications.

431 Nursing Management in Healthcare (3) This course will assist the student to synthesize key professional nursing concepts related to nursing leadership, clinical safety, change, policy, and personnel management in health care organizations.

431L Capstone Internship (3) This Capstone internship practicum will provide the student with an in-depth

precepted experience in focused areas of professional nursing practice. Students will provide and coordinate patient care in acute care and rural settings.

440 Informatics for the RN (3) This course will instruct students on basic informatics concepts, computer applications, information competency and literacy, and legal and ethical standards in the healthcare setting. Students will evaluate the applicability of informatics in the healthcare setting.

441 Professional Roles for the RN (3) This course will explore the professional role of the baccalaureate prepared nurse in healthcare. Requisites: PR, Admission to the RN to BSN program.

442 Legal and Ethical Issues in Healthcare (3) This course will explore ethical decision making and legal regulations as they apply to nursing practice.

443 Community Focused Care for the RN (3) This course will assist the registered nurse to assess the global needs of communities. Students will explore public health concepts, issues, roles, policies, interventions and trends. PR, Admission to the RN-BSN program.

444 Selected Studies in Nursing (1-4) A study or project that offers the student an opportunity to explore areas of nursing in more depth (see class schedule for specific titles). Requisites: PERM.

444L Selected Studies in Nursing: Health and Illness III Practicum () This practicum is designed to provide the student with opportunities to care for adult clients experiencing complications of health and illness.

445 Health Promotion and Assessment for the RN (3) This course will provide a theoretical base of the nurse's role in health promotion, expanding on current knowledge of basic health assessment skills to interpret and integrate needs for health promotion in varied health care settings and the community. Requisites: PR, Admission to the RN to BSN program.

446 Nursing Inquiry for the RN (3) This course engages students in the research process as they explore and analyze nursing evidence to improve patient outcomes. Requisites: PR, Admission to the RN to BSN program.

447 Issues and Trends Facing Healthcare (3) This course will provide information to prepare the student to think critically about trends in nursing and confidently face the future challenges of the nursing profession. Requisites: PR, Admission to the RN to BSN program.

448 Healthcare Policy and Cost for the RN () This course will provide students with a basis for understanding health care policy. Students will examine the impact of health care costs, quality and access related to patient outcomes.

449 Leadership and Management for the RN with Practicum

(1) This course with practicum will assist the student to synthesize nursing knowledge related to leadership and management in healthcare. Course emphasis includes professional development and evidence based applications for healthcare settings. Practicum hours include time spent with a nurse preceptor participating in nursing leadership and management. Requisites: PR, Admission to RN-BSN program, and has Nursing clinical placement approval, and has completed or currently enrolled in NURS 446.

449G Integration of Professional Nursing for the RN

() This course will assist the student to synthesize nursing knowledge related to the nursing curriculum strands.

450 Healthcare Quality Improvement for the RN (3)

This course will provide the student with an opportunity to perform a needs assessment within a healthcare community setting. Students will develop an evidence-based strategy for systems change. Requisites: PR, Admission to RN to BSN Program, NURS 449.

450G Internship for the RN () This practicum will provide the student with an in-depth concentrated experience in focused areas of professional nursing practice.

472 Readings in Nursing (1-4) Reading directed to meet the needs of the individual student. Includes oral and written discussion. Requisites: PERM.

488 Global Nursing Experience (1) This course introduces the student to globally diverse nursing care while affording the opportunity to understand and practice cultural humility. The student will have the opportunity to experience on-site exploration of global nursing. Requisites: Admission to the nursing program; CL, NURS 488L.

488L Global Nursing Experience Practicum (2)

This practicum course provides the student the opportunity to plan and manage globally diverse nursing care while affording the opportunity to understand and practice cultural humility. The student will have the opportunity to experience on-site exploration of global nursing. Requisites: CO, NURS 488.

Undergraduate/Graduate Credit

544 Concepts of School Nursing () This course consists of three one-hour courses; a. Assessment of the school-age child; B. Growth and development of the family and school-age child c. Common problems and health promotion of the school-age child. Content includes assessment skills; physiological, psychological, and sociological elements that affect developmental norms; common health problems; and health promotion and maintenance strategies.

603 Health Assessment Across the Lifespan for the RN (2)

Provides theory related to the nurse's role in performing health assessments across the lifespan. Requisites: PR, Current U.S. RN license, BIOL 230 and BIOL 230L; CO, NURS 603L.

603L Health Assessment Across the Lifespan for the RN Lab

(1) Designed to assist the student to become adept in assessing the health status for individuals across the lifespan. Requisites: PR, Current U.S. RN license, BIOL 230 and BIOL 230L; CO, NURS 603.

612 Nursing Concepts for the RN (4) This course introduces students to nursing concepts critical to the nursing profession. Requisites: PR, Admission to the RN-BSN program and current U.S. RN license.

Graduate Credit (Graduate Standing required for all courses)

603G Health Assessment Across the Lifespan for the RN (2) Provides theory related to the nurse's role in performing health assessments across the lifespan.

603LG Health Assessment Across the Lifespan for the RN Lab (1) Designed to assist the student to become adept in assessing the health status for individuals across the lifespan.

612G Nursing Concepts for the RN (4) This course introduces students to nursing concepts critical to the nursing profession.

802 Advanced Health Assessment Practicum for Education and Administration (1) This course will assist the nurse educator and nurse administrator to attain competency in the health assessment of patients. Requisites: PR, Admission to the MSN program.

807 Adv. Path, Pharm, & Health Assess. (3) This course will assist the nurse educator and nurse administrator attain a level of proficiency in understanding the pathophysiology, assessment data, and prescribing practices used in the primary care setting. Requisites: PR, Admission to the MSN program.

808 Advanced Statistics (3) This course addresses collecting, classifying, analyzing, utilizing and making inferences about statistical data applications regarding healthcare phenomenon.

809 Advanced Foundations for Nursing Practice (3) This course will foster the application of advanced nursing leadership, evaluation of health promotion and maintenance activities for safe and quality patient care, and the assessment of epidemiological factors that influence health for individuals, families, and populations. Requisites: PR, Admission to the MSN program.

810 Developing Nursing Theories (3) The theory-practice relationship is examined as key to professional advanced nursing. Theory development in nursing is explored using selected criteria. Process and practice of nursing theory evaluation is considered. Requisites: PR, Admission to the MSN program.

811 Foundations for Advanced Nursing (0) This course presents the foundational information for advanced nursing.

814 Healthcare: Policy, Politics, Organization, and Cost (2) This course will foster the development of advanced nursing capabilities to analyze health policy, finances, politics, and delivery systems to design strategies enhancing health outcomes for diverse populations. Requisites: PR, Admission to the MSN or DNP program.

817 Holistic Perspective and Health Potential (0) The broad perspective of human health potential is the framework for study. There is a focus on culturally competent care, social issues, mind body-spirit connectivity, and other patterns of motivation and behavior related to health potential. Evidence-based strategies form the basis for advanced nursing design and appraisal.

823 Advanced Nursing Practicum + (1) A practicum designed for the student to assess, analyze, and manage nursing care needs of human aggregates. Prerequisites: Admission to MSN program, NURS 808, NURS 810, NURS 811, NURS 812.

861 Complexity in Health Care Organizations (3) The course provides a foundation for the graduate student choosing nursing administration as an advanced practice role by introducing organizational and leadership theories and nurse leadership development in health care settings. Requisites: PR, NURS 810, and admission to the MSN program.

862 Administrative Management in Health Care Organizations (3) Principles and processes of management are introduced and expanded to relate to the dimensions of nursing administrative practice. Decision making and policy information are an integral part of this course. Requisites: PR, Admission to MSN or DNP program.

865 Evidence-Based Practice Project (3) This course will serve as an intensive inquiry into a particular area or problem in nursing or health care. Problem inquiry, research, analysis and dissemination will be completed regarding the student's phenomenon of concern. Requisites; Admission to MSN program, and NURS 808.

866 Teaching Strategies in Nursing (3) This course is designed to present theories and strategies of learning and teaching. Appropriate materials and methods for effective education in the classroom and clinical setting are also explored. Requisites: PR, Admission to MSN program; CO; NURS 867.

867 Apprenticeship: Teaching Strategies in Nursing (2) This apprenticeship course is designed to provide nurse educator role experiences. This practicum requires 90 clock hours (48 clock hours in direct patient care PLUS 42 clock hours in indirect role learning experiences). Clinical site and preceptor approvals required. Preceptors (2) must be MSN prepared RNs working in direct care and nursing education settings. Student clinical clearance is required. Contact nurs.contracts@fhsu.edu for more information. Prerequisites: Admission to MSN program, and approved for Nursing Clinical placement.

868 Curriculum Planning: Nursing Education (3)
Curriculum theory and principles of nursing curriculum development are analyzed and synthesized to correspond with diverse educational programs. Requisites: PR, Admission to the MSN program; CO, NURS 869.

869 Apprenticeship: Nursing Education Curriculum (1)
This apprenticeship course is designed to provide nursing curriculum development experiences. Requisites: PR, Admission to the MSN program, and approved for Nursing Clinical placement; CO, NURS 868.

870 Curriculum Evaluation: Nursing Education (3)
This course is designed to prepare Nurse Educators to evaluate and discuss nursing curriculum and/or programs. Requisites: PR, Completed the MSN program.

872 Informatics in Healthcare Systems (3) The focus of this course is to use technological methods to improve patient care. Students will explore data mining, patient safety, privacy, and security. Point of care applications will be examined in an effort to improve quality care. Applications to improve student learning and implementation of evidence based practice will be explored. Requisites: PR, Admission to MSN or DNP program.

874 Selected Studies in Nursing (0) An intensive inquiry into a particular area or problem in nursing. (See class schedule for specific titles.)

876 Apprenticeship: Nursing Administration (3)
The apprenticeship is designed to give the graduate student practical experience in nursing administration or nursing education (see class schedule for specific titles). The student will explore the role and responsibilities of a nurse administrator or a nurse educator. Prerequisite: NURS 861 or NURS 862, Admission to the MSN program.

882 Research in Nursing (3) This course introduces the student to graduate research and examines methods of nursing research. Requisites: PR, Admission to the MSN program, and NURS 808.

883 Women's Health Preceptorship (0) Designed to give the student experience in the primary healthcare of women in both gynecological and obstetrical settings to apply and develop clinical assessment skills and interpretation.

884 Child Health Preceptorship (0) Designed to give the student practical experience in primary health care of infants and children.

890 Development of an Evidence Based Practice Project (1) This course will serve as the first credit hour of a three-credit hour evidence based practice project. In this course each student will complete the foundation of an intensive inquiry into a particular area or problem in nursing or health care. Students must have a facilitator in a healthcare setting that is able to guide the student with the project. The project requires data collection and analysis. FHSU IRB approval is required. Healthcare site IRB approval is required. Contact

nurs.contracts@fhsu.edu for more information. Requisites: PR, NURS 882, Admission to the MSN program.

891 Implementation and Evaluation of EBP Project (2)
This two-credit hour course completes the total three credit hour evidenced based practice project for graduate students. This course continues the intensive inquiry into a particular area or problem in nursing or health care established in NURS 890. The evidence based practice project will be finalized in this course, included planned project implementation, data gathering with evaluation, and project dissemination. Requisites: PR NURS 890, and Admission to MSN program.

897 Family Nurse Practitioner Project (0) Implementation and dissemination of clinical based research evidence designed to promote quality patient care in advanced nursing practice.

899 Thesis + (1-6) Individual study of a selected problem relating to nursing practice or nursing education. Requisites: PR, Admission to the MSN program, NURS 882, PERM.

903 Advanced Health Assessment (2) Theory component of advanced comprehensive physical, psychosocial, and developmental assessment across the lifespan. Requisites: Admission to DNP program.

903L Advanced Health Assessment Practicum (1) Lab and clinical application of advanced health assessment skills analysis and synthesis of data to develop critical thinking skills and diagnostic reasoning. Requisites: PR, Admission to the DNP program.

904 Pharmacokinetics and Pharmacodynamics (0)
General principles of pharmacology, including pharmacokinetics and pharmacodynamics are discussed. The principles for understanding drug selection, use and monitoring are examined. The course is designed to provide an overview of drug action in the treatment of patients. Emphasis is placed upon the application of basic pharmacology and pharmacokinetics principles to patient care. Students will be asked to apply basic pharmacology and pharmacokinetics principles to problems commonly encountered in various clinical settings.

905 Advanced Pharmacology (3) The clinical application of specific drugs commonly encountered in primary care settings is discussed. The use of protocols, prescriptions writing, and the ethical/legal, and economic issues surrounding the advanced nurses' role in prescribing and monitoring pharmacological therapist in the ambulatory setting are explained. Factors such as age appropriate content related to pharmacokinetics, dosages, expected outcomes, and side effects of the drugs are discussed. First line versus second line drugs, alternate drugs, drug interactions, adjusting drug dosages, patient education, and compliance issues related to drug therapy are addressed. The nurse's role and responsibility related to data collection, problem identification, and consultation with the physician is explored. Application is made through age appropriate studies. Requisites: PERM, PR, Admission to the DNP program.

906 Advanced Pathophysiology (3) Provides students with an in-depth scientific knowledge base relevant to selected pathophysiological states confronted in primary care. This provides a basis for the formulation of clinical decisions related to diagnostic tests and the initiation of therapeutic regimens. Age specific and developmental alterations are correlated with clinical diagnosis and management. Application is made through age appropriate examples. Requisite: PR, Admission to the DNP Program.

912 Primary Health Promotion (2) Primary health promotion and wellness of individuals and families throughout the lifespan are examined within a community context. Requisites: PR, Admission to the DNP program, NURS 808, NURS 810.

916 Nurse Practitioner Roles in Primary Care (2) The course is designed to explore various advanced practice nursing roles. The advanced practice role is analyzed from a historical perspective and includes theoretical, research, ethical, legal, political and economic issues of the nurse practitioner. Current trends and future directions of the nurse practitioner are examined within the context of a diverse, global healthcare environment. Requisite: Admission to the DNP program.

918 Primary Care for the Adult and Geriatric Community Population (2) This course presents knowledge necessary for the practice of primary health care of the well adult and geriatric populations. Course content includes the principles of health promotion, disease prevention and assessment, and management of common primary health care problems in diverse populations. Emphasis is placed on gender and age specific needs in addition to pathophysiologic processes underlying certain conditions. The impact of the family on the health of the adult and geriatric patient is explored. Requisites: PR, Admission to the DNP program; CO, NURS 919.

919 Primary Care: Adult and Geriatric Preceptorship (1) Preceptorship in primary health care of the adult and geriatric patient. This course is a clinical practicum focusing on adult and geriatric health care with an emphasis on health promotion, management of common health problems, and client education. A developmental approach across the lifespan is used in assessing the client and family in formulating the treatment plan. Students participate in a clinical rotation in an adult health care setting which provides the opportunity for health assessment of the adult and geriatric patient and formulation of a comprehensive plan of care. The role of the nurse practitioner as a primary health care provider in a variety of adult and geriatric settings is examined. Relevant resources and research related to the adult and geriatric patient are explored with the application of findings to the care of clients. Requisites: PR, Admission to the DNP program. CO, NURS 918.

921 Primary Care I (3) The first of two core specialty courses using a systems approach that emphasizes a multi dimensional and inter-professional approach to assessment, differential diagnosis and treatment formulation from the primary care

needs of individuals and families across the lifespan. Common health conditions are explored in relation to health promotion, health maintenance, assessment, diagnosis, and management of common episodic, chronic, and complex conditions affecting health. Students will develop skills in critical thinking and the use of evidence-based practice guidelines in developing the rationale for diagnosing and managing primary care needs. In addition to cultural and spiritual diversity, students learn patient preferences in health care decision making with a focus on person centered care. Requisites: Admission to the DNP program.

924 DNP Preceptorship I (3) Develops competency in implementing the nurse practitioner's role in health promotion, health protection, disease prevention, and treatment. Requisites: Admission to the DNP program and NURS 921.

925 Primary Care Diagnostics and Procedures (1) This course will assist the advanced practice nurse attain a level of proficiency in ordering, understanding and interpreting commonly used diagnostic studies and procedures specific to age, gender, and condition. Emphasis will be placed on performance of primary care procedures in laboratory and clinical settings. Requisites: PR, Core MSN curriculum, Core FNP curriculum; CO, NURS 926.

926 Diagnostics and Procedures Preceptorship (1) This clinical course will assist the advanced practice nurse attain a level of proficiency in ordering, understanding and interpreting commonly used diagnostic studies and procedures specific to age, gender, and condition. Emphasis will be placed on performance of Primary care procedures in laboratory and clinical settings. Requisites: PR, Admission to the DNP program; CO, NURS 925.

932 Primary Care II (3) The second of two core specialty courses using a systems approach that emphasizes a multi-dimensional & inter-professional approach to assessment, differential diagnosis and treatment formulation for the primary care needs of individuals and families across the lifespan. Common health conditions are explored in relation to health promotion, health maintenance, assessment, diagnosis, and management of common episodic, chronic, and complex conditions affecting health. Students will develop skills in critical thinking and the use of evidence-based practice guidelines in developing the rationale for diagnosing and managing primary care needs. In addition to cultural and spiritual diversity, students learn patient preferences in health care decision making with a focus on person centered care. Requisites: PR, Admission to the DNP program and approved for Nursing Clinical placement.

934 DNP Preceptorship III (3) Develops competency in implementing the nurse practitioner's role in Health Promotion, Health Protection, Disease Prevention, and treatment, particularly chronic illness. Requisites: PR, Admission to the DNP program, NURS 921, NURS 924; CO, NURS 932.

935 Primary Care for the Pediatric Population (2) This course presents knowledge necessary for the practice of

primary health care of children. Course content includes the principles of health promotion, disease prevention and assessment, and management of common primary health care problems in diverse pediatric populations. Emphasis is placed on developmental needs and the pathophysiological processes underlying certain conditions. The impact of the family on the health of the child is explored. Requisites: PR, Admission to the MSN program.

936 Primary Care for Pediatric Population Preceptorship

(2) Preceptorship in primary health care of the child and adolescent. This course is a clinical practicum focusing on child and adolescent health care with an emphasis on health promotion, management of common health problems, and client education.

A development approach across the lifespan is used in assessing the client and family in formulating the treatment plan. Students participate in a clinical rotation in a pediatric health care setting which provides the opportunity for health assessment of the child and adolescent and formulation of a comprehensive plan of care. The role of the nurse practitioner as a primary health care provider in a variety of pediatric settings is examined. Relevant resources and research related to the child and adolescent are explored with the application of findings to the care of clients.

Requisite: PR, Admission to the DNP program and NURS 935.

945 Population Health () This course is designed to examine health promotion and disease prevention interventions. This course will prepare leaders to integrate evidence-based approaches that impact the health of populations, building upon skills and knowledge developed throughout the DNP program.

952 Foundations for the Doctoral Leader (3) This course is an introductory course to the DNP program. Students will review the various roles of the DNP. They will examine the DNP essentials and understand options related to the DNP capstone. Requisites: PR, Admission to the DNP program.

953 Evidence Based Practice & Scholarly Tools (3) Students will appraise evidenced based practice and evaluate its application in practice settings. The course will build on master's level research methodology as students investigate research problems and explore appropriate research designs to solving clinical questions. Requisites: PR, Admission to the DNP program.

954 Advanced Nursing Leadership (3) This course will incorporate leadership theories and communication techniques necessary to be an effective leader in a health care setting. Students will evaluate professional ethics in advanced nursing leadership roles and understand skills necessary for organizational systems leadership. Requisites: PR, Admission to the DNP program.

955 Evaluation and Management in Health Care Systems

(3) This course will incorporate evaluation methods in healthcare systems with financial management skills necessary for the nursing leader. Students will evaluate organizational

structures and the impact that both finances and structure play on quality patient care. They will further examine the role of quality improvement and accreditation in primary care. Requisites: PR, Admission to the DNP program.

956 DNP Quality Improvement Methods (3) This course will investigate quality improvement (QI) processes in healthcare.

957 DNP Project I (3) This course is the first of three clinical project courses that prepares advanced practice nurses for a clinical doctorate. Students in this course will identify a clinical problem and synthesize journal articles from a literature review. They will analyze ethical dilemmas related to their identified problem and explore options for data collection and analysis.

Requisites: PR, Admission to the DNP program.

958 DNP Project II (2) This course is two of three scholarly project courses that prepares advanced practice nurses for a clinical doctorate. During this course students will finalize the Institution Review Board (IRB) process and implement their DNP project. Requisites: PR, Admission to the DNP program, NURS 903, NURS 904, NURS 908, NURS 910, NURS 912, and NURS 916.

959 DNP Project III (2) This course is the third course in a three-part series of DNP project courses. In this course students will finalize their DNP project. Students will collect and analyze clinical data. They will cumulate their doctoral education through a completed DNP project that utilizes theory, research and practice. It will be disseminated into scholarly manuscript. Requisites: PR, Admission to the DNP program.

960 DNP Preceptorship II (1) This course is an advanced residency course aimed at increasing student knowledge and skills in a specialty area. Students will implement advanced practice skills in health assessment, health promotion, pharmacology, diagnosis and treatment in a specialty setting. The clinical setting of choice is determined by the interests of the student. Clinical experience may be performed in acute care, a specialty clinic, family practice, community setting, long-term care or a hospital setting. Students will devise course goals with their instructor. Requisites: PR, Admission to DNP program.

961 DNP Preceptorship IV (1) This course is a rural residency course. Students will implement advanced practice skills in health assessment, health promotion, pharmacology, diagnosis and treatment in a rural setting. For the purpose of this course, a rural setting is defined as a rural community less than 5,000 people. The clinical setting of choice is determined by the interests of the student. Clinical experiences may be performed in acute care, family practice an area of specialty, community setting, long-term care or a hospital setting. Students will devise course goals with their instructor. Requisites: PR, Admission to the DNP program, NURS 932, and NURS 934.

Department of Psychology

For updated information, see our website at www.fhsu.edu/psych/.

The Department of Psychology offers courses (undergraduate and graduate) that provide a solid foundation in the science of behavior and mental processes. The undergraduate program prepares graduates who can compete effectively in the job market or who can go on to graduate study, if desired. The graduate programs serve essentially the same purposes, but at an advanced level.

The Department of Psychology is known for its faculty who are committed to achieving excellence in a number of areas including teaching, research, publishing, and community affairs, as well as other professional endeavors. While members of the faculty have varied interests that represent several active areas of psychology, each member fosters interaction with other colleagues. Such diversity is often viewed as a strength within the discipline and provides the student with a variety of viewpoints. Students who enter our programs are encouraged to become active participants in the dynamic and growing discipline of psychology. Faculty members are committed to the professional development of all psychology students. Upon declaring a major in psychology, each student is assigned an advisor. The student and advisor then develop a program of study that will best meet both the unique professional goals of the student, as well as fulfill departmental and university requirements.

Most classes are relatively small, so students are able to interact with professors should they need clarification of course material or other general advisement. At both the undergraduate and graduate level, students have the opportunity to work with faculty members and in some cases are supported by grants. Students are encouraged to publish or present their research at professional meetings. Students also have the opportunity to become members of Psi Chi, the national organization for psychology majors, and/or members of the Psychology Club, a local organization that sponsors social events that pertain to psychology. In total, the department offers a quality education in an environment with concerned professors who routinely use and encourage the use of advanced computer technology (a 25-machine computing facility is available in the department). Our programs provide a solid base for future employment opportunities, advanced coursework, and understanding behavior and mental processes.

Department of Psychology Faculty & Staff

See department page online for full listing

Bachelor of Arts or Bachelor of Science: Psychology

The Psychology Department offers flexibility by allowing students to choose either the Bachelor of Arts or the Bachelor of Science route. Although the core coursework is the same for both, there are some slight differences.

Whether you pursue a BA or BS, you'll also need to complete FHSU's [General Education requirements \(34 hours\)](#).

Students also have the flexibility to complete the BA or BS degree in Psychology online via [FHSU Online](#). GetEducated.com recently named the online undergraduate degree a "Best Buy."

Bachelor of Arts

- Completion of 10 hours of a single **foreign language**.

Bachelor Arts in Psychology

General Education Requirements	34 Credit Hours
Psychology Major Requirements	36 Credit Hours
Free Electives	40 Credit Hours
Foreign Language	10 Credit Hours
Total	120 Credit Hours

Bachelor of Science

- A candidate for the BS in Psychology must complete **20 hours of course work in Natural Science and/or Mathematics**.
- We recommend the BS option for students who intend to go to graduate school.

Bachelor of Science in Psychology

General Education Requirements	34 Credit Hours
Psychology Major Requirements	36 Credit Hours
Free Electives	40 Credit Hours
Additional Math & Science	10 Credit Hours
Total	120 Credit Hours

Psychology Major Requirements, 36 Credit Hours

Students must complete all of the following (30 Credit Hours):

- PSY 100 General Psychology (3)
 - PSY 101 Psychology as a Discipline & Profession (1)
 - PSY 201 The Science of Psychology (3)
 - PSY 480 Applied Statistics in the Behavioral Sciences (4)
 - PSY 498 Experimental Psychology Lab (4)
 - PSY 668 Neuropsychology* (3)
- With a grade greater than or equal to D (FHSU Grading Scheme)

Core Choices:

Breadth: Choose 1 from EACH Content Area Below with a grade greater than or equal to D (Total of 9 Credits)

Social Cognitive Content Area

- PSY 340: Social Psychology (3)
- PSY 334: Cognitive Psychology (3)
- PSY 425: Personality Psychology (3)

Developmental Content Area

- PSY 400: Child & Developmental Psychology (3)
- PSY 415: Adolescence (3)
- PSY 420: Psychology of Aging (3)

Applied Mental Health Content Area

- PSY 225: Therapeutic Skills (3)
- PSY 300: Abnormal Psychology (3)
- PSY 355: Drugs & Behavior (3)

Psychology Emphasis:

Student has satisfied any of the following:

[Student has completed 9 Semester Units from

- PSY 225 - Introduction to Therapeutic Skills (3)
- PSY 300 - Abnormal Psychology (3)
- PSY 315 - Industrial Psychology (3)
- PSY 325 - Psychology of Human Sexuality (3)
- PSY 330 - Elements of Learning (3)
- PSY 334 - Introduction to Cognitive Psychology (3)
- PSY 340 - Social Psychology (3)
- PSY 350 - Current Issues in Psychology (3)
- PSY 355 - Drugs and Behavior (3)
- PSY 357 - Forensic Psychology (3)
- PSY 359 - Evolutionary Psychology (3)
- PSY 369 - Criminal Psychology (3)
- PSY 375 - Case Management in a Mental Health Setting (3)
- PSY 400 - Child and Developmental Psychology (3)
- PSY 412 - Social and Emotional Development (3)
- PSY 415 – Adolescence (3)
- PSY 422 - Psychology of Intimate Relationships (3)
- PSY 425 – Personality (3)
- PSY 450 – Perception (3)
- PSY 452 - Judgement and Decision Making (3)
- PSY 460 - Behavioral Addictions (3)
- PSY 462 - Eating Disorders (3)
- PSY 685 - Behavior Therapy with grade greater than or equal to D (Data Conversion Grading Scheme) (3)

[Student has completed 9 Semester Units from

- PSY 225 - Introduction to Therapeutic Skills (3)
- PSY 300 - Abnormal Psychology (3)
- PSY 350 - Current Issues in Psychology (3)
- PSY 355 - Drugs and Behavior (3)
- PSY 357 - Forensic Psychology (3)
- PSY 369 - Criminal Psychology (3)
- PSY 375 - Case Management in a Mental Health Setting (3)
- PSY 430 - Non-Verbal Communication (3)
- PSY 460 - Behavioral Addictions (3)
- PSY 462 - Eating Disorders (3)
- PSY 685 - Behavior Therapy with grade greater than or equal to D (Data Conversion Grading Scheme) (3)

Student has completed 9 Semester Units from

PSY 315 - Industrial Psychology (3)
PSY 330 - Elements of Learning (3)
PSY 334 - Introduction to Cognitive Psychology (3)
PSY 340 - Social Psychology (3)
PSY 350 - Current Issues in Psychology (3)
PSY 359 - Evolutionary Psychology (3)
PSY 422 - Psychology of Intimate Relationships (3)
PSY 425 – Personality (3)
PSY 450 – Perception (3)
PSY 452 - Judgement and Decision Making with grade greater than or equal to D (Data Conversion Grading Scheme) (3)

[Student has completed 9 Semester Units from

PSY 325 - Psychology of Human Sexuality (3)
PSY 350 - Current Issues in Psychology (3)
PSY 400 - Child and Developmental Psychology (3)
PSY 412 - Social and Emotional Development (3)
PSY 415 – Adolescence (3)
PSY 420 - Psychology of Aging with grade greater than or equal to D (Data Conversion Grading Scheme) (3)

Master of Science: Psychology (Clinical)

Core Courses:

Student has completed 55 Semester Units from

PSY 668G – Neuropsychology (3)

PSY 670G - Workshop in Psychology I (3)

PSY 685G - Behavior Therapy (3)

PSY 800 - Advanced Abnormal Psychology (3)

PSY 810 - Developmental Psychology I (3)

PSY 830 - Professional Ethics in Psychology (3)

PSY 840 - Appraisal of Children (4)

PSY 845 - Experimental Methods (3)

PSY 850 - Inferential Statistics (3)

PSY 855 - Appraisal of Adults (6)

PSY 860 - Approaches to Psychotherapy (3)

PSY 877 - Seminar in Community Mental Health (3)

PSY 890 - Practicum in Applied Psychology (3)

PSY 892 - Internship in Clinical Psychology with grade greater than or equal to C (FHSU Grading Scheme) where only 5 units may be counted from PSY 890 - Practicum in Applied Psychology, 3 units may be counted from PSY 670G - Workshop in Psychology II, 3 units may be counted from PSY 877 - Seminar in Community Mental Health

Capstone Course:

Student has completed 6 Semester Units from:

PSY 874 - Independent Studies in Psychology II(3)

PSY 875 - Seminar in Psychology I, (3)

PSY 899 - Thesis with grade greater than or equal to C (FHSU Grading Scheme) where only 6 units may be counted from PSY 899 - Thesis, 3 units may be counted from PSY 874 - Independent Studies in Psychology II, 3 units may be counted from PSY 875 - Seminar in Psychology II

Master of Science: Psychology (School)

Core Courses:

Student has completed all of the following course(s):

PSY 685G - Behavior Therapy (3)

PSY 810 - Developmental Psychology I (3)

PSY 812 - Advanced Child Psychopathology (3)

PSY 820 - Advanced Learning and Motivation (3)

PSY 830 - Professional Ethics in Psychology (3)

PSY 840 - Appraisal of Children (4)

PSY 845 - Experimental Methods, PSY 850 - Inferential Statistics (3)

PSY 880 - Methods in School Psychology (3)

PSY 881 - Observation in School Psychology (1)

PSY 895 - Pro-Seminar in Psychology with grade greater than or equal to B (FHSU Grading Scheme).

Accelerated School Psychology Program

Student has completed all of the following course(s):

PSY 685G - Behavior Therapy (3)

PSY 810 - Developmental Psychology I (3)

PSY 812 - Advanced Child Psychopathology (3)

PSY 820 - Advanced Learning and Motivation (3)

PSY 830 - Professional Ethics in Psychology (3)

PSY 840 - Appraisal of Children (4)

PSY 845 - Experimental Methods (3)

PSY 850 - Inferential Statistics (3)

PSY 880 - Methods in School Psychology (3)

PSY 881 - Observation in School Psychology (1)

PSY 895 - Pro-Seminar in Psychology with grade greater than or equal to C (FHSU Grading Scheme)

Education Specialist: School Psychology

Courses

SPED 802 Theories of Exceptionality – 3

SPED 860 Transition in Special Education – 3

PSY 846 Program Evaluation – 3

PSY 875 VA Seminar Psychology II: Counseling for SEB Outcomes – 3

PSY 875 VB Seminar Psychology II: Legal Issues in Schools – 3

AEP 880 Cultural Diversity – 3

PSY 981 Psychological Consultation in Schools – 3

PSY 984 Practicum in School Psychology (Consists of 600 hours of practice supervised by a licensed school psychologist) – 9

Below are two different options for a candidate's culminating experience. On-campus candidates have the option to select one. Virtual candidates are only able to complete PSY 990 (Portfolio) for their culminating experience.

PSY 990 Portfolio 6

PSY 999 Thesis 6

TOTAL CREDIT HOURS 36

Minor in Psychology

Category	Class	Credit Hours
Required	<ul style="list-style-type: none"> PSY 100 General Psychology 	3
Choose any 4 of the following:	<ul style="list-style-type: none"> PSY 225 Therapeutic Skills (3) PSY 300 Abnormal Psychology (3) PSY 334 Cognitive Psychology (3) PSY 340 Social Psychology (3) PSY 355 Drugs & Behavior (3) PSY 400 Child & Dev. Psychology (3) PSY 415 Adolescence (3) PSY 420 Psychology of Aging (3) PSY 425 Personality (3) 	12
Psychology Electives	<ul style="list-style-type: none"> Choose any 2 additional courses 	6
Total Credit Hours		21

Certificates in Psychology

Case Management Certificate

Available on campus and online.

Why should you get this certificate?

Case managers are integral members of the treatment team at mental health centers. They work with adults and children who have significant mental health issues, assisting them in living as independently as possible in their communities.

Use your ingenuity, creativity, and problem solving skills to help other people grow, recover, live well, and be well, and gain the education and training you need to enter one of the fastest growing professions in the mental health field in Kansas.

This certificate has been developed through the collaborative efforts of Fort Hays State University's Psychology Department and High Plains Mental Health Center, helping ensure it meets the needs of today's mental health centers.

Which courses will you take?

Course	Credit Hours
PSY 100: General Psychology	3
PSY 300: Abnormal Psychology	3
PSY 330: Elements of Learning	3
PSY 400: Child and Developmental Psychology	3
PSY 375: Case Management	3
PSY 476: Apprenticeship	3

Foundations of Public Mental Health Certificate

The Department of Psychology at Fort Hays State University offers specialized certificate programs that are designed to provide students with the opportunity to further develop their skills and knowledge in a particular area. The Foundations of Public Mental Health Certificate adds additional value to your undergraduate degree and can provide valuable experiences to prepare you for your future career in psychology. This certificate is available to all FHSU undergraduate students.

The certificate is intended to provide students with the opportunity to learn about mental health and substance abuse concerns in order to be able to identify, understand, and respond to mental health needs and ultimately promote mental health and wellness among students and their communities. This certificate, available for completion by any on campus or online undergraduate student, is in alignment with courses in the Applied Mental Health undergraduate concentration.

Certificate Objectives:

- Identify risk factors and warning signs associated with common mental illnesses and substance abuse.
- Understand the social, psychological, and biological factors associated with common mental illnesses and substance abuse.
- Identify resources available to support individuals suffering from mental illness and substance abuse.
- Understand strategies that can be used to help someone in crisis and non-crisis situations.

Which courses will you take?

Courses required to earn the Foundations of Public Mental Health certificate include:

Courses	Course Hours
PSY 300 Abnormal Psychology	3
PSY 355 Drugs and Behavior	3
PSY 225 Introduction to Therapeutic Skills	3
PSY 276 Apprenticeship in Psychology I	3
Total Credit Hours Needed	12 Credit Hours

- No grade lower than a “C” is acceptable for the classes taken to complete the certificate
- PSY100 is a pre-requisite for all Psychology course

Juvenile Justice Youth Development Certificate Program

The Department of Psychology and Criminal Justice at Fort Hays State University offer the Juvenile Justice Youth Development certificate program that is designed to provide students with the opportunity to further develop their skills and knowledge in this area. This certificate adds additional value to your undergraduate degree and can provide valuable experiences to prepare you for your future career. This certificate is available to all FHSU undergraduate students.

Certificate Objectives:

- Identify the key psychological principles in understanding adolescence
- Understand perspectives on juvenile justice
- Discuss the influence of psychological and biological factors on adolescence
- Analyze how the criminal justice system respond to youth

Which courses will you take?

Courses	Credit Hours
PSY 460 Behavioral Addictions OR PSY 355 Drugs & Behavior	3
PSY 400 Child & Developmental Psychology OR PSY 415 Adolescence	3
CRJ 327 Juvenile Justice	3
CRJ 340 Gender, Race, & Inequality OR CRJ 365 Women & Crime	3
Total Credit Hours Needed	12 Credit Hours

- No grade lower than a “C” is acceptable for the classes taken to complete the certificate
- PSY100 is a pre-requisite for all Psychology courses

Course Listings – Psychology

Undergraduate Credit

100 General Psychology* (3) This course involves a survey of principles related to human and animal behavior. The focus will be on the evaluation of theories and methods of analyses, related research, and practical applications of principles of behavior.

101 Psychology as a Discipline and Profession (1) An introduction to specific areas of psychology and to the organization of psychology as a discipline. Students will interact with all faculty members of the psychology department.

110 Psychology of Adjustment (3) The course provides students with objective skills to view their own behavior, procedures to change their behavior, and the skills needed to encourage and support themselves throughout change.

120 Methods of Child Management (1-3) Knowing, understanding, and developing appropriate skills to help the child make an adequate adjustment to current societal demands.

170 Workshop in Psychology I + (1-3) Students will explore new skills, techniques, and information related to a problem or area of interest or practical application.

200 Advanced General Psychology (3) This course involves the acquisition of basic skills and knowledge of the principles related to the study and understanding of human behavior, integrating prior learning from the general psychology course. Students in the course will examine careers in various disciplines of psychology and will engage in critical thinking exercises regarding each discipline. Students will also learn some basic tools needed to facilitate future learning in the study of psychology, including APA writing style, APA ethical standards, how to critique a journal article, and the contrasting theoretical underpinnings of psychology. Requisites: PR, PSY 100.

201 The Science of Psychology (3) This course will give students the fundamental skills in psychology and science to become critically thinking, research oriented life-long learners. Students will learn to evaluate scientific claims, concepts, and principles to be better able to understand and apply psychological research findings.

225 Introduction to Therapeutic Skills (3) This course prepares students to become familiar with fundamental skills needed for working in the area of human services, as well as to utilize appropriate skills and techniques needed to work efficiently and professionally with the public.

230 Psychology of Human Motives (3) An introduction to the causes (biological, psychological, and social) of human behavior. Requisites: PR, PSY 100.

276 Apprenticeship in Psychology + (1-3) Course is designed to provide practical experience in teaching and administration in psychology. Requisites: PERM.

277 Early Field Experience: Psychology Education (1) This course provides social science education majors with observational and participatory experiences in their area of specialization. Students will be placed in a school situation in order to introduce them to the classroom teaching experience. Pass/No Credit.

300 Abnormal Psychology* (3) A study of the classification, description, causes, and treatment of psychological disorders. Requisites: PR, PSY 100.

315 Industrial Psychology (3) A survey of psychological principles that apply to behavior in work situations and related issues such as selection decision, appraisal, training, motivation, leadership, and job design. Experiential activity will provide concrete, related learning experience. Requisites: PR, PSY 100, PSY 250, or PERM.

320 Psychology of Personality Development (3) A course designed to introduce the major theories of personality development, as well as to provide exercises that may enable students to gain insight into their own unique personality development. Requisites: PR, PSY 100.

325 Psychology of Human Sexuality (3) This course will examine the interrelated physiological, psychological and sociocultural aspects of human sexuality. PR, PSY 100.

330 Elements of Learning (3) A beginning course in the fundamental principles of learning, including classical conditioning, operant conditioning, and concept formation. Requisites: PR, PSY 100.

334 Introduction to Cognitive Psychology (3) The study of normal human cognitive processes, i.e., those activities involving thinking, reasoning, problem solving, decision making, and remembering. Information processing forms the framework for study. The historical threads leading to current widely believed analogies between computing machines and the human mind/ brain will be examined. Specific techniques for more efficient memory and practical problem-solving strategies will be examined.

339 Cognitive Psychology Laboratory (2) A laboratory in the experimental study of cognitive processes. Requisites: PR, PSY 100.

340 Social Psychology* (3) This course involves the study of the individual in social interaction and social influence situations. The focus will be on the investigation of theoretical, empirical, and practical issues related to interpersonal behavior and group processes. Requisites: PR, PSY 100.

350 Current Issues in Psychology + (1-3) The subject matter will vary from semester to semester. Students pursue intensive study in one area of psychology. Requisites: PR, PSY 100.

355 Drugs and Behavior (3) A course designed to provide the student with an understanding of the methods and principal findings concerning the psychological and physiological bases of psychoactive and abused substances. Requisites: PR, PSY 100.

357 Forensic Psychology (3) This course covers the interrelations between psychology and the legal system, including: forensic career options; psychological services provided for police, the military, criminals, and victims; psychology's role in criminal profiling and in courts (criminal, civil, adult and juvenile); the development of criminal behavior; and the multiple types of crime (violent, property, etc.).

359 Evolutionary Psychology (3) The primary purpose of this course is to provide the students with an introduction to the field of evolutionary psychology and apply the principles of natural selection, adaptation, and sexual selection to human behavior.

360 Introduction to Altered States of Consciousness (3) This course will provide an overview of techniques that result in different levels of altered consciousness, including relaxation,

meditation, hypnosis, and the principles of biofeedback. Requisites: PR, PSY 100.

369 Criminal Psychology () This course examines the developmental, cognitive, and neurological underpinnings of violent criminal behaviors: including serial, mass and spree murder; domestic and international terrorism; genocide; and sexual assault of adults/children. Also discussed will be risk assessment, the diagnosis of psychopathy, and the limited role of mental health diagnoses in criminal behavior.

375 Case Management in a Mental Health Setting () This course is designed as an introduction to evidence-based practices and the basic applied principles of the work done by Case Managers in a Mental Health Setting. Mental Health Case Management principles and approaches with SPMI designated adults and SED designated children and youth clients and their families to help assure that they can live in the most independent, productive, and dignified manner possible.

400 Child and Developmental Psychology (3) A survey course dealing with the theoretical assumptions of why changes in behavior occur during the growth and development of the individual. Requisites: PR, PSY 100.

409 Child and Developmental Psychology Laboratory (2) A laboratory in the experimental study of child behavior. Reports will be submitted in publishable form. Requisites: PR or co-requisite, PSY 400.

412 Social and Emotional Development () A survey course dealing with the theoretical assumptions of why changes in behavior occur during the social and emotional growth and development of the individual.

415 Adolescence (3) This course examines the biological, cognitive and emotional changes that take place during adolescence and their influence on the behavior, concerns, and problems of adolescents. Requisites: PR, PSY 100 or PERM.

419 Advanced Psychology Laboratory (3) A laboratory in the experimental study of behavior and cognition. Requisites: PR, PSY 259.

420 Psychology of Aging (3) This course examines the effects of the aging process and includes the influence of stereotypes, physiological and psychological changes, and environmental forces on the beliefs, self-esteem, and actions of aging persons. Requisites: PR, PSY 100.

422 Psychology of Intimate Relationships () This course is a systematic exploration of the psychology of intimate relationships. Historical perspectives and recent research on topics such as, attraction, sexuality, jealousy, forgiveness, and relationship maintenance will be covered. Focus will be mostly on romantic relationships; however, how our relationships with others (e.g., friendships; family; work relationships) help us to form a foundation for our romantic partnerships will also be discussed.

425 Personality (3) A survey of theories of personality. Special emphasis is given to considering and comparing the key concepts of the more important theories. Pertinent research findings are also examined. Requisites: PR, PSY 100.

430 Sport Psychology () This course involves a survey of principles related to the psychology of human sport performance and exercise. Many of these concepts and principles are applicable to not only sport and exercise, but to a wide range of human performance activities as well. The focus will be on the evaluation of theories and methods of analyses, related research, and practical applications of principles of sport psychology, exercise, and performance.

435 Ethology (3) The study of behavior with a consideration for evolutionary perspectives. Emphasis will be upon comparisons of species-characteristic behavior and on data yielded by observational methods. Requisites: PR, PSY 100.

440 Senior Seminar (1) Senior psychology students will learn about career options, making career decisions, and applying to graduate school. The goal of the seminar is to prepare students for life after college. Requisites: PR, Senior standing.

449 Social Psychology Laboratory (2) Students will conduct a replication of a published experiment in an area of social psychology. Reports will be submitted in publishable form. Requisites: PR, PSY 340.

450 Perception (3) A survey of method and results of studies in perception with emphasis upon detection, discrimination, recognition, scaling, and information processing models. Requisites: PR, PSY 100.

452 Judgement and Decision Making () The purpose of this course is to review classical studies in JDM and critically examine the research evidence. In addition to developing critical thinking skills, this course will provide the opportunity to apply principles and findings of research studies to a decision task of your choice. At the end of the course, you will develop professional oral presentation skills as well as short report writing skills.

455 Organizational Psychology (3) The student will learn about the complex social processes governing work behavior and how organizational structure influences worker motivation, job satisfaction, work performance, and leadership within the organization. Experiential activity will provide related learning experience, focusing on work group behavior. Requisites: PR, PSY 315 or PERM.

459 Perception Laboratory (2) A laboratory in the areas of perception and psychophysics. Requisites: PR or co-requisite, PSY 450.

460 Behavioral Addictions () This course provides a conceptualization and overview of the varied forms of addictive behaviors and treatments, including gambling, online gaming, food addiction, pornography addiction, sex addiction, compulsive shopping, Internet addiction, and a variety of impulse control disorders, among others. Attention is given to the relationship between behavioral addictions and substance addictions across a number of domains, including their natural history, phenomenology, comorbidity, genetic predisposition, neurobiological mechanisms, and response to treatment.

462 Eating Disorders () Eating Disorders introduces the characteristics and criteria associated with a variety of forms of disordered eating. Special attention is dedicated to understanding eating disorders in specific groups and multicultural populations. Attention is also given to critical factors in the development and maintenance of eating disorders as well as the medical and physiological consequences of eating disorders. Finally, treatment and prevention strategies for strategies are explored.

467 Testing and Psychological Measurement (3) Students will study the concepts and skills necessary in measuring the psychological differences in individuals and the importance of high-quality measurement in research and in decision making. Selection and construction of tests will be covered. Requisites: PR, PSY 100, PSY 250.

469 Physiological Psychology Laboratory (2) An introductory laboratory for the study of physiological correlates of behavior. Requisites: PR, co-requisite, PSY 465.

472 Readings in Psychology I + (1-3) Readings and written reports on special topics in psychology. Requisites: PERM.

473 Problems in Psychology I + (1-3) Research appropriate to the student's field of interest. Requisites: PERM.

474 Independent Studies in Psychology I + (1-3) Intensive inquiry into various areas of psychology. Requisites: PERM.

475 Seminar in Psychology I (1-3) Subject of the study varies with each offering. Includes, but is not restricted to, motivation, comparative and animal behavior, advanced social processes, learning, perception, and personality theory. Requisites: PR, PERM.

476 Apprenticeship in Psychology II + (1-3) Course is designed to provide practical experience in teaching and administration in psychology. Requisites: PERM.

480 Applied Statistics in the Behavioral Sciences (4) An introduction to methods of analysis of research data in the behavioral and social sciences. Includes measurement problems, data description, frequency distributions, central tendency, variability, norms, correlation, hypothesis testing, decision making, and evaluation of the results of empirical investigations. Emphasis will be placed on real world applications of statistics. Requisites: PR, PSY 100 and high school algebra or a college-level math course. PR, PSY 100.

490 Practicum in Applied (Clinical) Psychology (1-9) Supervised work experience in a psychological clinic, mental health clinic, or state hospital setting. Requisites: PERM.

498 Experimental Psychology Laboratory (4) A beginning course in the basic techniques in experimental methodology: how to formulate a problem, design a study to answer the question, organize the results, and communicate them in a formal style. Requisites: PR or co-requisite, PSY 200, PSY 250.

499 Senior Thesis (5) Independent original research under the supervision of a staff member. Students are required to submit a report of their findings in publishable form. Requisites: PR, PSY 250; senior standing; PERM.

Undergraduate/Graduate Credit

634 Models of Memory (3) This course covers our basic understanding of how memory works, both theoretical and applied. Topics include research methodology, specific models of learning and forgetting, and clinical aspects such as amnesia and repressed memory. Requisites: PR, PERM.

665 Physiological Psychology (3) A survey of the physiological correlates of behavior, including a study of the nervous, sensory, and endocrine systems. Requisites: PR, PSY 100.

668 Neuropsychology (3) This course covers a number of topics in neuropsychology, including the mapping of mental functioning onto the brain and the assessment of selected neurological difficulties. Requisites: PR; PSY 100, BIOL 121, PSY 665 or PERM

670 Workshop in Psychology II + (1-3) This workshop is an in-service improvement activity in which the students will explore new skills, techniques, and information related to a problem or area of interest or practical application.

683 History and Systems of Psychology (3) Historical analysis of psychological thought from the 17th century to the present.

685 Behavior Therapy (3) A study of the principles and procedures of behavior therapy and their applications in clinical, school, and home settings. Requisites: PR, PSY 330.

Graduate Credit

- All 800-900 level courses require admission to a graduate program in the Department of Psychology.

800 Advanced Abnormal Psychology (3) The course will emphasize recent experimental findings and their relevance to clinical practice. Requisites: PR, PSY 300.

810 Developmental Psychology I (3) This course reviews theoretical foundations of developmental psychology. The applications of developmental theory to the practice of psychology with children will also be considered.

812 Advanced Child Psychopathology (3) This course examines the symptoms, diagnosis, etiology (including nature/nurture), treatment, prevention and controversial issues surrounding child psychopathologies such as ADHD, Conduct Disorders, Autism and Autism Spectrum Disorders, Child Onset Schizophrenia, Mood Disorders, Anxiety Disorders, Trauma, Social Withdrawal, and Somatoform Disorders. Requisites: Admission to a psychology graduate program, PERM.

815 Developmental Psychology II: Psychology of Aging (3) This course examines development into adulthood and the aging process and includes the influence of stereotypes, physiological and psychological changes, and environmental forces on the beliefs, self-esteem, and actions of aging persons.

817 Cognitive Development (3) This course surveys the various perspectives used to study and explain the

development of knowledge, thinking, memory, and logic in human beings. The primary focus of the course is on children. The work of Piaget, Vygotsky, and other perspectives involving behaviorism and information processing are compared and contrasted. Requisites: PR, PSY 100.

820 Advanced Learning and Motivation (3) This course discusses the principles of learning and the processes motivating behavior. Requisites: PR, PSY 230, PSY 330, or PERM.

830 Professional Ethics in Psychology (3) A study of current ethics codes for psychologists and their application to activities related to psychotherapy, psychological assessment, research, and teaching. Includes a focus on procedures to help insure professional conduct and avoidance of malpractice. Requisites: PERM.

840 Appraisal of Children (4) Practice in administration, scoring, and interpretation of a wide variety of diagnostic instruments. Emphasis on report writing, theory of intelligence testing, and best practices of assessment. Permission to enroll in this course is limited to graduate students in the school psychology and clinical psychology programs. Requisites: PERM.

845 Experimental Methods (3) Study of experimental methods in psychology. Provides experience in formulating experimental problems, designing experiments, collecting data, analyzing and interpreting data, and writing scientific reports. Requisites: PR, PSY 250 or PERM.

846 Program Evaluation (3) This course surveys alternative models and elements of program evaluation in the behavioral sciences. It is designed to train evaluators to make valid conclusions about the success or impact of social programs, the generalizability of results, and causes underlying results. Requisites: PR, PSY 250 or equivalent.

850 Inferential Statistics (3) Hypothesis testing and basic experimental design. Applications of *t*, *F*, and Chi-square distributions. Requisites: PR, PSY 250.

855 Appraisal of Adults (6) An intensive study of methods for appraising adult intelligence and personality. Requisites: PR, PSY 840, PERM.

860 Approaches to Psychotherapy (3) A survey of the major approaches to psychotherapy. Emphasis is also given to specific approaches for frequently encountered problems such as depression, eating disorders, and marital distress. Requisites: PERM.

861 Couples Therapy (3) A survey and application of psychological theories and techniques for conducting clinical psychotherapy with couples, includes special topics in working with couples and issues of diverse couples. Requisites: PR, PSY 860.

869 Physiological Psychology Laboratory (2) An introductory laboratory for the study of physiological correlates of behavior. Requisites: PR, co-requisite, PSY 866.

872 Readings in Psychology II+ (1-3) Readings and written reports on special topics in psychology. Requisites: PERM.

873 Problems in Psychology II+ (1-3) Research appropriate to the student's field of interest. Requisites: PERM.

874 Independent Studies in Psychology II+ (1-3) Intensive inquiry into various areas of psychology. Requisites: PERM.

875 Seminar in Psychology II+ (1-3) Subject of study varies with each offering. Includes, but not restricted to, motivation, comparative and animal behavior, advanced social processes, learning, perception, and personality theory.

876 Apprenticeship in Psychology III+ (1-3) Course is designed to provide practical experience in teaching and administration in psychology. Requisites: PERM.

877 Seminar in Community Mental Health (1-3) A course designed to bridge the gap between academic and applied psychology settings. There will be an examination of the historical and sociological aspects of public institutions and community mental health programs. Requisites: PERM.

880 Methods in School Psychology (3) Emphasis on the best practices, content, problems, philosophies, and current trends in the field of school psychology. Requisites: PERM.

881 Observation in School Psychology + (1-3) Designed to provide students in school psychology with an advanced "shadow" a currently employed school psychologist and make systematic observations of school children's behavior for an extended period during the semester. The student will obtain experience directly and indirectly related to school psychology. Requisites: PR, Admission to graduate program in School Psychology and PERM.

890 Practicum in Applied Psychology + (1-4) Supervised training in psychotherapy, psychological, and psycho-educational assessment in the Kelly Center. Requisites: PR, PSY 860, PERM.

892 Internship in Clinical Psychology + (1-10) Supervised work experience (600 clock hours) in an off-campus mental health agency such as a state hospital or community mental health center. Supervision will be provided by both university and field supervisors. Requisites: PR, admission to clinical psychology master's program, PSY 890, PERM.

895 Pro-Seminar in Psychology + (1) An intensive survey of psychological problems with participation by students and faculty. Requisites: PERM.

899 Thesis + (3) A student may enroll in this course a maximum of two times. Requisites: PERM.

972 Readings in Psychology III + (1-3) Readings and written reports on special topics in psychology. Requisites: PERM.

973 Problems in Psychology III + (1-3) Research appropriate to the student's field of interest. Requisites: PERM.

974 Independent Studies in Psychology III + (1-3) Intensive inquiry into various areas of psychology. Requisites: PERM.

975 Seminar in Psychology III + (1-3) Subject of study varies with each offering. Includes, but not restricted to, motivation, comparative and animal behavior, advanced social processes, learning, perception, and personality theory.

981 Psychological Consultation in the Schools (3) This course emphasizes the role of consultation in the schools in terms of theory, research, and applied procedures. There is an examination of the various models of consultation, major approaches to school-based consultation, and intervention strategies. Requisites: PERM.

984 Practicum in School Psychology + (3-9) Supervised work experience in local education agency. Supervision will be provided by university faculty and field supervisors. Requisites: Admission to Ed.S. program in School Psychology, PSY 840, PSY 880; PERM.

985 Internship in School Psychology I + (2) A full-time work experience of at least 500 clock hours. It provides the beginning school psychologist with appropriate experiences in a Kansas school system. Supervision will be provided by both university and field supervisors. Requisites: Completion of degree requirements for Ed.S. and provisional certification as a school psychologist.

986 Internship in School Psychology II + (2) Continuation of PSY 985 Internship in School Psychology I, with at least 500 additional clock hours. Supervision will be provided by University Faculty and Field Supervisors. This internship completes requirements of the KSBE for School Psychologists. Requisites: Completion of degree requirements for Ed.S. and provisional certification as a school psychologist.

990 Professional Portfolio in School Psychology + (3) Preparation of a portfolio as outlined by the National Association of School Psychologists (NASP) for national certification. Requisites: Admission to Ed.S. program in School Psychology and PERM. Should be taken twice for a total of six credit hours.

999 Field Study (Thesis) + (3) Empirical research resulting in a bound thesis. A student may enroll in this course a maximum of two times. Requisites: Admission to Ed.S. program in School Psychology and PERM.

*General Education course
+Course may be repeated
#Lab required
PERM: Permission
PR: Pre-requisite

Department of Social Work

What is Social Work?

The historic mission of social work has been to help people who are disadvantaged. Today, social workers assist people from all walks of life with all kinds of problems in all kinds of settings. They help people cope with complex interpersonal and social problems and assist in obtaining resources for people. A Bachelor of Social Work (BSW) provides you the education and training you need to begin a career helping those who need it most.

The primary purpose of the social work program is to prepare students for beginning generalist social work practice. The social work program requires both liberal arts and professional foundation courses. The major provides beginning generalist social workers with a specific body of professional knowledge, values, and skills to practice with individuals, families, groups, organizations, and communities. Professional content includes social work values and ethics, diversity, populations-at-risk, promotion of social and economic justice, human behavior and the social environment, social welfare policy and services, social work practice, research, and field practicum.

Individuals wanting to complete a social work degree will initially be considered pre-social work majors. Every pre-social work major must meet with the director of social work prior to applying for the program. Pre-social work majors must have completed 60 credit hours of coursework, including SOCW 260 Introduction to Social Work and be enrolled in SOCW 380 Generalist Practice: Introduction to Practice, before making formal application to the program. The student must earn a grade of "C" or better in each social work course, a 2.75 or better grade point average (GPA) in the major, and an overall cumulative GPA of at least 2.30.

The Social Work Program at Fort Hays State University is accredited at the baccalaureate level by the Council on Social Work Education.

In accord with the Council on Social Work Education's evaluative standards, the Social Work Program does not grant academic credit for life experience or previous work experience.

Department of Social Work Faculty & Staff

See department page online for full listing

Bachelor of Social Work: Social Work

Bachelor of Social Work

The Bachelor of Social Work (BSW) program is available **on-campus** and **completely online**. The BSW prepares you to start your career as a generalist in social work practice. The social work program requires both liberal arts and professional foundation courses. The social work core courses provide students with a specific body of professional knowledge, values, and skills to practice with individuals, families, groups, organizations, and communities.

Applying to the Program

Individuals wanting to complete a social work degree will initially be considered pre-social work majors. To apply to FHSU and the Social Work program, complete an **application**, send your transcripts and then get assigned an academic advisor.

Pre-social work majors must have completed or concurrently enrolled in SOCW 260 Introduction to Social Work and SOCW 380 Generalist Practice: Foundations of Practice, before making formal application to the program.

Students must earn a grade of "C" or better in each social work course, a 2.50 or better grade point average (GPA) in the major, and an overall cumulative GPA of at least 2.50.

The **Council on Social Work Education** accredits the Social Work Program at Fort Hays State University at the undergraduate level. In accord with the Council on Social Work Education's evaluative standards, the Social Work Program does not grant academic credit for life experience or previous work experience.

BSW Assessment of Learning Outcomes 2022-2023

BSW Student Handbook

Bachelor of Social Work Program Summary

effective Fall 2023

FHSU General Education Requirements

Social Work Core

- SOCW 260 Introduction to Social Work (3)
- SOCW 310 Social Welfare Policy and Services I (3)
- SOCW 320 Human Behavior and the Social Environment I (3)
- SOCW 322 Human Behavior and the Social Environment II (3)
- SOCW 360 Social Work Research Methods (3)
- SOCW 365 Advanced Social Work Research Methods (3)
- SOCW 380 Generalist Practice: Foundations of Practice (3)
- SOCW 381 Generalist Practice: The Helping Relationship (3)
- SOCW 382 Generalist Practice: Group, Organizational and Community Systems (3)
- SOCW 410 Social Welfare Policy and Services II (3)
- SOCW 420 Human Behavior and the Social Environment III (3)
- SOCW 461 Generalist Practice: Child and Family Systems (3)
- SOCW 463 Generalist Practice: Practicum Preparation (3)
- SOCW 467 Social Work Professional Seminar (3)
- SOCW 468 Field Practicum (12)

Social Work Elective (choose 2 courses)

- SOCW 620 Spirituality and Aging: The Empowering Relationship (3)

SOCW 670 VD Workshop in Social Work: Pharmacology and High Risk Medical Issues (3) (Fall Only)
SOCW 368 VA Client Management Procedures (3) (Spring Only)
SOCW 371 VA Ethics in Addictions Counseling (3) (Spring Only)
SOCW 372 VA Psychopathology & Addictions (3) (Spring Only)
SOCW 373 VA Group Counseling with Addiction Populations (3) (Spring Only)

Master of Social Work: Social Work (Clinical)

Regular Pathway

Generalist year: Fall semester

SOCW 810 Social Welfare Policy and Analysis - 3 hrs
SOCW 820 HBSE I: Micro Knowledge and Theory - 3 hrs
SOCW 830 Generalist SW Practice I: Micro Skills - 3 hrs
SOCW 840 Generalist SW Field Practicum I (200 clock hours) - 6 hrs

Generalist year: Spring semester

SOCW 815 Social Work Research Methods and Data Analysis - 3 hrs
SOCW 825 HBSE II: Mezzo/Macro Knowledge and Theory - 3 hrs
SOCW 835 Generalist SW Practice II: Mezzo/Macro Skills - 3 hrs
SOCW 845 Generalist SW Field Practicum II (200 clock hours) - 6 hrs

Advanced year: Summer semester

SOCW 850 Assessment and Treatment of Mental Disorders I - 3 hrs
SOCW 855 Assessment and Treatment of Mental Disorders II - 3 hrs

Advanced year: Fall semester

SOCW 860 Personal and Professional Development Seminar - 3 hrs
SOCW 870 Medical Social Work and Behavioral Health Practice - 3 hrs
SOCW 880 Advanced Clinical SW Practice with Individuals -3 hrs
SOCW 890 Advanced Clinical SW Field Practicum I (250 clock hours) - 6 hrs

Advanced: Spring semester

SOCW 865 Social Work Supervision and Agency Management - 3 hrs
SOCW 875 Forensic Social Work Practice - 3 hrs
SOCW 885 Advanced Clinical SW Practice with Groups and Families - 3 hrs
SOCW 895 Advanced Clinical SW Field Practicum II (250 clock hours) - 6 hrs

Advanced Standing MSW Pathway students must complete 36 credit hours to obtain the MSW.

Advanced year: Summer semester

SOCW 850 Assessment and Treatment of Mental Disorders I - 3 hrs
SOCW 855 Assessment and Treatment of Mental Disorders II -3 hrs

Advanced year: Fall semester

SOCW 860 Personal and Professional Development Seminar - 3 hrs
SOCW 870 Medical Social Work and Behavioral Health Practice -3 hrs
SOCW 880 Advanced Clinical SW Practice with Individuals - 3 hrs
SOCW 890 Advanced Clinical SW Field Practicum I (250 clock hours) - 6 hrs

Advanced: Spring semester

SOCW 865 Social Work Supervision and Agency Management - 3 hrs
SOCW 875 Forensic Social Work Practice - 3 hrs
SOCW 885 Advanced Clinical SW Practice with Groups and Families - 3 hrs
SOCW 895 Advanced Clinical SW Field Practicum II (250 clock hours) - 6 hrs

Course Listings – Social Work

Undergraduate Credit

260 Introduction to Social Work (3) Introduction to the social service delivery systems in the United States, with an emphasis on the social work profession: its mission, philosophy, ethics, values, diverse fields, and ethnocultural perspectives. Observations of social service agencies and guest speakers provide a career orientation to the social work profession. Requisites: PR, SOC 140, PSY 100, and PERM.

310 Social Welfare Policy and Services I (3) Examination of the historical evolution of social welfare and the social work profession, with focus on the social policies which comprise the foundation of the welfare state in the United States. Present patterns of social welfare services are to be examined. Emphasis is on the historical evolution of contemporary social problems. Oppression, discrimination, social justice issues and policies, and their impact on diverse populations at risk will be explored. Requisites: PR, SOCW 260 and PERM.

320 Human Behavior and the Social Environment I (3) Critical analysis of perspectives on the person and on the physical and sociocultural environment. The focus is on the fit between person and environment, with attention to biological, psychological, and social dynamics that impair or facilitate person/environment fit. There is particular concern with the process of social and cultural stratification and oppression within society, communities, institutions, organizations, and groups, and the effects of confrontation and contact between those cultures and the dominant American culture is reviewed, with special attention to social work issues. The rural environment as a context affecting biological, psycho-logical, and social dynamics is considered. Requisites: PR, SOCW 260 and PERM.

322 Human Behavior and the Social Environment II (3) Examination of development in the intertwined individual and family life cycles as a transactional process involving the material interaction of environmental, bio-psycho-social, economic, and ethnocultural factors, including race, ethnicity, sexual orientation, gender, and family structure. The focus is on the evolving fit between the developing individual and family and the risk and protective factors in a changing environment. Special attention is paid to how the process impacts western Kansas populations at risk. There is particular concern with developmental settings, including family, school and work, and the ways they impact and are impacted by developing individuals and families, concepts of diversity, values and ethical issues, and theoretical perspectives as they apply to social work practice area examined. Requisites: PR, SOCW 320 and PERM.

330 Critical Thinking and Professional Writing in Social Work () Accurate and descriptive writing is an integral part of Social Work Practice. The importance of Evidence-Based Practice requires that Social Workers understand and can communicate research findings. This course addresses skills used both in generalist social work practice and research. The

course focuses on nine purposes of social work writing as outlined by Falk and Ross including writing used to 1. understand self and care for self, 2. communicate self to others, 3. understand the perspective of others, 4. describe, 5. analyze, 6. be accountable, 7. persuade diverse audiences, 8. participate in knowledge building, and 9. represent the profession to society (2001, p. 125).

Students will exhibit critical thinking skills as they learn to integrate theories, concepts, and skills required to successfully communicate their ideas and the functions of social work generalist practice. Students will learn the importance of documentation to agency sustainment.

Students will learn to utilize critical thinking skills in both reading research findings and reporting on them accurately utilizing APA style.

Students will explore their perceptions of their match with the field of social work as a student and as potential professionals. They will explore the importance of belonging and think critically about their place in the world while examining their beliefs and values through individual and group assignments. Through assigned tasks, students will connect with others within the university to help gain a better understanding of the resources and supports available to them.

360 Social Work Research Methods

362 Methods of Social Research (3) The process of knowledge production and research design. Selected aspects of the philosophy of science and the logic of inquiry are related to the basic techniques of qualitative and quantitative research. Requisites: PR; SOC 140 or PERM.

365 Advanced Social Work Methods () This course will provide a theoretical framework for viewing human behavior as it relates to individuals who problematically use substances and the resulting consequences that can accompany that behavior. The theoretical framework will include the issues of identification of most abused substances, the physiological, psychological, and sociological impact of drug abuse, governmental, and social policies that affect approaches to drug use and treatment. We will also examine current treatment methods, including mutual-help groups and needs within special populations and underserved groups. The course will apply the Bio/Psycho/Social Model of Addiction as its foundation toward assessment of both pathology and client centered strengths, using theory, research, and techniques from the substance abuse and mental health fields.

367 Individual Counseling in Addictions () Individual Counseling will cover the competencies put forth in SAMHSA's Technical Assistance Publication Series #21 (TAP 21). The course will specifically focus on competencies 75-87. The competencies will be covered in the context of the counseling process, from Chemical Dependency Evaluation through relapse prevention and termination.

368 Client Management Procedures () The content of this course provides an understanding of how to develop the competencies necessary for effective screening, assessment, treatment planning, and record management. The course focuses on learning cognitive behavioral therapy; motivational enhancement; medication assisted treatment, skills training; and 12-step facilitation. Students learn how to develop a therapeutic alliance, and how to complete a biopsychosocial assessment. Additional course information will include learning about current drugs of abuse, screening questionnaires, dual-diagnosis, recovery plans, and adolescent treatment. Lastly, students will learn what it takes to be a good counselor including effective listening and setting healthy boundaries.

369 Pharmacology and High Risk Medical Issues () This course involves an examination of the major categories of drugs and primarily the specific drugs of abuse. Many drugs used in clinical and medical areas will also be considered. Some specific areas that will be covered in the course include the history of psychopharmacology, the nervous system and neural processes in drug action with drugs of abuse, mechanisms of tolerance and dependence, classifications and characteristics of types of drugs, and uses and abuses of the various drugs. The intent is to provide instruction for students seeking to be professional addiction counselors. This course is designed to assist the student in preparing to meet minimum standards for AAPS licensed treatment facilities in the State of Kansas and the requirements for Registered Alcohol and other Drug Abuse Counselor through the Behavioral Sciences Regulatory Board.

370 Addictions Counseling with Families () The content of this course provides an understanding of the effects of substance use on family dynamics. This course examines the emotional system, including symbiosis, triangulation, self-differentiation, developmental factors, detachment and disengagement and the multigenerational transmission process. The course examines functional and dysfunctional family organization structure and development. Critical issues in families struggling with substance use are addressed. Students will also learn to assess the issues unique to each family. They include the stages of addiction and dependency, emotional abuse, domestic violence, sexual abuse, abandonment and physical or mental illness. The course will examine the course of family treatment, counselor roles in treatment and difficulties in working with addicted families. Lastly, students will learn of the recovery process of the family, including the developmental model of recovery and the intervention process.

371 Ethics in Addictions Counseling () The purpose of this course is to provide students with a background of knowledge in ethics and ethical issues in addiction counseling. Students will learn the importance of ethical codes, the difference between moral and legal obligations, and how to apply ethical codes in decision-making. Students will evaluate case studies of ethical situations and learn to apply ethical decision-making to situations that may occur in their professional endeavors.

372 Psychopathology and Addictions () Covers the competencies put forth in SAMHSA's Technical Assistance Publication Series #21 (TAP 21). The course will specifically focus on competencies 24-36. The competencies will be covered in the context of familiarizing oneself specifically with the DSM 5 and psychopathology in general. Additional information found in SAMHSA's Technical Improvement Protocol #42 (TIP 42) may also be utilized.

373 Group Counseling with Addictions Populations () Course introduces the student to the basic dynamics and theories of group counseling. The course will also assist the student in developing appropriate skills necessary to facilitate addiction counseling groups. In addition, the overall purpose of the course is to assist the student to integrate theory and skills into a working foundation. Through the content of the course, the student will have an opportunity to explore and understand the evolution of the dynamics and processes of addiction counseling groups.

377 Addictions Practicum I () This is the first of two practicum classes. The student is required to complete 200 hours of intensive field experience in an addictions treatment or psychological service provider addressing the needs of clients with alcohol and drug problems. Involvement will include observation and participation in aspects of treatment delivery appropriate to begin development of the necessary skills and intervention techniques. Involvement will also include didactic learning related to substance use disorders in a face-to-face manner, direct counseling experience including intakes, treatment planning, discharge planning, documentation, and case management activities as well as additional learning objectives agreed upon by the Student, Practicum Coordinator, Practicum Instructor, and the Field Agency Supervisor. Supervision will include at least one hour of supervision for every 10 hours of practice. Supervision shall be provided by the program's faculty and agency supervisors, at least one of whom shall be licensed at the clinical level.

378 Addictions Practicum II () This class is the second of two practicum experiences. The students will participate in an intensive field experience consisting of 300 hours of practicum experience at an addictions treatment or psychological service provider addressing the needs of clients with alcohol and drug problems. Involvement will include didactic learning related to substance use disorders in a face-to-face manner, direct counseling experience including intakes, treatment planning, discharge planning, documentation, and case management activities as well as additional learning objectives agreed upon by the Student, Practicum Coordinator, Practicum Instructor, and the Field Agency Supervisor. Upon completion of this practicum class, the student will have completed 500 total clock hours of practicum experience in Addictions Practicum I and II. Supervision will include at least one hour of supervision for every 10 hours of practice. Supervision shall be provided by the program's faculty and agency supervisors, at least one of whom shall be licensed at the clinical level.

380 Generalist Practice: Foundations of Practice (3) As the first of five generalist practice courses, this foundation course provides entry-level theory, knowledge, research, values, and skills for social work practice. Self-awareness, problem-solving, interviewing, professional relationships, intervention planning and skills, and ethics are explored. This course focuses on individuals but introduces family, group, organizational, and community systems. An ethnocultural perspective with particular focus on western Kansas, urban/rural regions is emphasized. The student will complete fifty (50) hours of non-paid service in a community agency of the student's choice, with the instructor's approval. Requisites: PR, SOCW 260 and PERM.

381 Generalist Practice: The Helping Relationship (3) As the second generalist practice course, this course provides entry-level theory, knowledge, research, values, and skills for social work practice with individuals. This course builds upon the generalist problem-solving model, interventive methods, and planning introduced in SOCW 380. An ethnocultural perspective with particular focus on western Kansas, urban/rural regions is emphasized. Requisites: PR, SOCW 380 and PERM; co-requisites, SOCW 382.

382 Generalist Practice: Organization/Community Systems (3) As the third generalist practice course, this course provides entry-level knowledge, values, and skills for social work practice with group systems. This course builds upon the generalist social work process. An ethnocultural perspective with particular focus on western Kansas, urban/rural regions is emphasized. Requisites: PR, SOCW 380 and PERM; co-requisite, SOCW 381.

410 Social Welfare Policy and Services II (3) This is the second of two social welfare policy and services courses and builds upon SOCW 310. This course is designed to provide entry-level theory, knowledge, research, values, and skills for social welfare policy practice. Emphasis is upon the processes and methods of designing, enacting, implementing, and evaluating social welfare policies/ services at the local, state, and federal levels. Value and ethical considerations related to policy, evaluation frameworks and research methodologies are presented. Various organizational and political processes used to implement/influence welfare policies/ services are reviewed. Requisites: PR, SOCW 310.

420 Human Behavior and the Social Environment III (3) An analysis for social workers of causes and dynamics of problems in person-environment fit and the associated difficulties in biopsychosocial functioning. Primary focus is on substance abuse. This course also introduces a wide range of psychiatric disorders. Students are asked to consider the impact of the rural, western Kansas environment on problem dynamics and service system response. Requisites: PR, SOCW 320, SOCW 322, and PERM.

461 Generalist Practice: Child and Family Systems (3) As the fourth generalist practice course, this course provides entry-level knowledge, values, and skills for social work practice with family systems. This course builds upon the generalist social work problem-solving model. An

ethnocultural perspective with particular focus on western Kansas, urban/rural regions is emphasized. Requisites: PR, SOCW 380, SOCW 381, SOCW 382, and PERM.

462 Generalist Practice: Organizational and Community Systems (3) As the last of the five generalist practice courses, this course provides entry-level theory, knowledge, research, values, and skills for social work practice with organizations and communities. This course builds upon the concepts/processes of problem-solving, planned change, and intervention methods from previous practice courses, with the emphasis on organizational and community knowledge skills, and strategies of change. An ethnocultural perspective with particular focus on western Kansas, urban/rural regions is emphasized. Requisites: PR, SOCW 380, SOCW 381, SOCW 382, and PERM.

463 Generalist Practice: Practicum Preparation (3) As the last of five practice courses, this course prepares students for the required field practicum in the semester of the social work program before the field experience. Interviewing, stress and time management, court testimony, documentation, career objectives, and practicum site selection are specific goals of this course. Students learn a theoretical context upon which to base the practicum.

467 Social Work Professional Seminar (3) A capstone seminar that accompanies the field practicum and enables social work majors to integrate theory, values, skills, ethics, and ethnocultural competence. Emphasis is on self-analysis and evaluating one's own practice. Requisites: PR, All required social work courses; co-requisite, SOCW 468.

468 Field Practicum (12) A field experience that provides social work majors with supervised learning experiences within selected social welfare agencies. A capstone seminar accompanies this practicum in order to enable students to integrate and apply classroom learning in a field setting. An ethnocultural practice perspective is emphasized. The field practicum preparatory course, Introduction to the Practicum, is taken the semester immediately preceding the practicum. Four hundred fifty (500) hours of field practicum experience are required. Requisites: PR, All required social work courses; co-requisite SOCW 467.

Undergraduate/Graduate Credit

615 Topics in Social Work + (1-3) The subject matter for this course will vary from semester to semester. Topics will include areas of major interest and concern related to social work practice. Examples are topics such as social work and the law and co-occurring disorders. Requisites: PERM.

617 Family Mediation (3) This course is designed to provide an understanding of dispute resolution and particularly the use of mediation in family conflicts. The major topics include the mediation process, developing active listening and negotiation skills, divorce and child custody issues, parent/child issues, and simulated role-plays. The course will feature materials from texts, articles, handouts, films, speakers, and student participation in actual case mediations. Requisites: PR, SOCW 616 Core Mediation.

620 Spirituality & Aging: The Empowering Relationship

(3) Students will learn a multicultural approach to concepts of spirituality, aging, and empowerment in American society. The course will also examine the role of social workers and gerontology professionals in relationship to the impact of chronic illness on the psychosocial, economic and spiritual contexts of aging adults in our society. Requisites: PR, Junior or Senior Standing or Permission of the Instructor.

670 Workshop in Social Work + (1-3) Selected topics are subjected to intensive examination. Emphasis on student participation in discussions and extra class projects. Of special interest to students in the areas of social work, teaching, human services, and school administration. Requisites: PR, PERM.

671 Independent Study in Social Work + (1-3) Reading and/or research programs to fit the individual needs of advanced under- graduates in social work. Topics are chosen in consultation with a faculty advisor. Requisites: PR, PERM.

672 Internship in Social Work + (1-3) For social work majors with good academic standing. Provides practical experience in community organizations and social agencies. Systematic recording and reporting of the work experience and supplementary reading are required. Requisites: PR, PERM.

Graduate Credit

810 Social Welfare Policy and Analysis () The purposes of this course are to help students: (1) learn the history, mission, and philosophy of the social work profession and the evolution of social welfare policy (2) develop a beginning level understanding of the development, implementation, and impact of major US social welfare policies and programs (3) research and analyze US social welfare policies and programs using a comprehensive framework with special attention to equity and justice (4) build foundation level policy-practice skills. Throughout the course students are helped to connect their classroom work and their field work with current social welfare policies and related programs. Special attention is given to policies and programs that affect social and economic security throughout the life span. The course also includes an introduction to policies and programs that are central to fields of practice in child and family welfare, aging, health, and mental health. The course focuses on state and federal level social policies in the US, but also includes opportunities for students to learn from the social policy experiences of other countries. Students develop skills in analyzing the ways in which social conditions, values, and ideologies shape the definitions of social problems, the formulation of social policies, and the implementation of policies that impact well-being.

815 Social Work Research Methods and Data Analysis () This course is designed to help students gain and understanding of, and appreciation for, the use of research

as a tool for professional evidence-based practice. Students are introduced to the concepts and skills underlying a systematic approach to social work research, including basic research terminology, the scientific method in social work, the value of research in social work, research ethics and the social work value base, problem formulation and conceptualization, measurement, research designs to evaluate programs and practice, sampling, alternative quantitative and qualitative data gathering and analytic techniques, and preparation and use of research reports. The emphasis in the course is on equipping students with the research knowledge and skills needed to engage in the evidence-based practice process at all levels of social work practice. As part of that process, students will learn how to critically appraise sources of scientific evidence and how the criteria for that appraisal will vary depending upon the purpose of the research. Fundamentals of research design, data collection, and analysis are presented. The nature of bias in research is explored. Development of skills for using and conducting research in practice settings is emphasized.

820 Human Behavior I: Micro Knowledge and Theory

() This is the first of two Human Behavior and the Social Environment courses. From a systems/ecological approach, this course will focus on a range of social systems theories, social roles, and the life cycle of general human development from conception to older adulthood. Course content will also include an overview of cognitive behavioral and psychodynamic theories as applied to professional micro social work assessment and case summary analysis. A holistic ecological framework will include an examination of factors related to socioeconomic, gender, and cultural diversity environmental contexts.

825 HBSE II: Mezzo/Macro Knowledge and Theory ()

This is the second course on Human Behavior and the Social Environment continuing to study social systems theory as a foundation to generalist social work practice. This course examines the theoretical basis for understanding groups, organizations, & communities. Emphasis is placed on providing students with theoretical knowledge which can then be applied to assessing and intervening with mezzo and macro client systems. This course presents and critiques knowledge of human development in the context of families, groups, communities, organizations, and institutions, and provides foundation knowledge about the structure and function of larger systems and their impact on people.

830 Generalist Social Work Practice I: Micro Skills ()

This course provides entry level individual engagement, assessment, intervention, and evaluation, theory, knowledge, research, values, and skills for social work practice. Self-awareness, critical thinking, problem solving, intervention skills, goal planning, professional relationships, and ethics are explored. This course focuses on foundation aspects of social work practice including the sensitizing frameworks of systems and ecological theory, the strengths perspective, and the generalist practice framework as applied to micro systems.

835 Generalist Social Work Practice II: Mezzo/Macro Skills () This course is one of two foundation practice courses that prepare students to apply a generalist

perspective to social work practice with systems of all sizes. It complements and builds on the first general practice course (micro skills) as well as other foundation courses and practicum by specifically focusing on groups, organizations and communities as targets of intervention. By working with groups, organizations and communities in culturally appropriate ways, social workers can improve the well-being of individuals and groups, positively influence the availability and effectiveness of services, and seek to achieve social and economic justice.

840 Generalist Social Work Field Practicum I () This course is the first of two field practicum experiences that students are required to complete during the foundation year of the MSW Program. This course provides social work majors with supervised learning experiences from a licensed social worker within approved social welfare agencies. A practice course accompanies this practicum in order to enable students to integrate and apply classroom learning in the field setting. An ethno-cultural practice perspective is emphasized. Students work closely with the Field Practicum Director to identify their preferred practice population, preferred agencies, and the geographical area where they want to complete the practicum. Students are required to begin this practicum experience the same week that other MSW courses begin in the fall semester. A minimum of 240 hours of field practicum experience are required during the fall semester.

845 Generalist Social Work Field Practicum II () This course is the second of two field practicum experiences that students are required to complete during the generalist year of the MSW Program. This course provides social work majors with supervised learning experiences from a licensed social worker within approved social welfare agencies. Students will be concurrently enrolled in the SOCW 835 Generalist Social Work Practice II: Mezzo/Macro Skills course in order to enable the students to integrate and apply classroom learning in the field setting. Students are expected to use this course to build from the first field practicum course. An ethnocultural practice perspective is emphasized. Students work closely with the Field Practicum Director to identify their preferred practice population, preferred agencies, and the geographical area where they want to complete the practicum. Students are required to begin this practicum experience the same week that other MSW courses begin in the spring semester. A minimum of 240 hours of field practicum experience are required during the spring semester. Once students complete this course and hours, they will have accumulated a minimum of 480 practicum hours to satisfy the practicum requirements to move on to the advanced year of the MSW program.

850 Assessment and Treatment of Mental Disorders I () The course will present an integrative biopsychosocial model for the understanding of mental and behavioral disorders. This course provides students with a fuller understanding of the process of diagnosing mental disorders utilizing the latest framework as described in the Diagnostic and Statistical Manual, fifth edition, 2013 (DSM-5). The focus will be on major affective, cognitive, anxiety, and other disorders that graduates are likely to encounter in social work practice. In addition to assessment and diagnosis of mental and

behavioral disorders, this course will identify and describe a risk and resilience biopsychosocial framework, and evidence-based treatment interventions for persons who meet the diagnostic criteria for a disorder. Evidence based treatment and intervention strategies covered will include pharmacological treatment, stages of change, motivational interviewing, cognitive behavioral therapy, trauma-based treatments, strengths-based person-centered approaches, along with assessment and intervention strategies using an integrated care model.

855 Assessment and Treatment for Addiction Disorders () The course will present an integrative biopsychosocial model for the understanding of mental health disorders including personality disorders, trauma, eating disorders, somatic disorders, and a special focus on addictions. Course content includes an overview of the history of substance abuse, a review of models of addiction, a multidimensional model of the addiction process, the physiological effects of commonly abused substances, assessment and diagnosis of substance abuse disorders, and specific, evidence-based treatment and interventions for adolescent and adult clients. The course will provide comprehensive learning about the behavioral health model, dual-diagnosis and differential diagnosis. Evidence based treatment and intervention strategies covered will include stages of change, harm reduction, screening, brief intervention, and referral to treatment (SBIRT), motivational interviewing, cognitive behavioral therapy, strengths-based person-centered approaches, along with assessment and intervention strategies using an integrated care model.

860 Personal and Professional Development Seminar () The use of one's self is the foundational platform on which all other tools used in therapeutic relationship depend. As such, it is essential that clinical social workers engage in personal development in preparation for and in conjunction with development as a professional. Self-awareness, self-understanding and a commitment to self-improvement are an essential part of the development of a clinical social worker. This course is designed to assist students in understanding the theory of one's individual self, identify areas for self-development, converge this development within a professional social work context, and develop strategies for personal and professional development across one's career.

865 Social Work Supervision and Agency Management () Effective administrative social work practice demands knowledge, skills, and abilities in the areas of personnel management, team building, and workplace diversity. Social work agencies and programs must be administered by people with human resource expertise in order to meet the needs of clients and communities, and to build upon strengths and enhance well-being of individuals, families, households, and communities. Additionally, it is critical that the managers of social programs not only be grounded in the ethics, values and knowledge of social work, but have specific skills needed to operate culturally appropriate programs. Through this course students will learn to: (1) supervise and manage social workers and other human service staff members (2) build teams and organizational cultures that maximize staff morale and job satisfaction and (3) create and maintain

workplaces that reflect, contribute to, and celebrate diversity in the larger community. The class also includes a historical orientation to and a comparison of various theoretical perspectives on personnel management and related administrative work in human service agencies.

870 Medical Social Work and Behavioral Health

Practice () Social work and healthcare are inextricably linked with quality of life and well-being. Methods of clinical social work practice in health care are studied within the framework of the bio-psycho-social-spiritual perspective. Assessments and interventions include understanding of medical concerns, physical function, medical treatment, and the socio-cultural meanings ascribed to illness. The course will discuss issues related to coping with illness, self-concept, identity formation, and the impact of illness on individual well-being and family relationships. The impact of illness on psychosocial functioning over the life cycle with special attention directed to the beliefs and practices of diverse cultures, races, and spiritual orientations will be addressed.

875 Forensic Social Work Practice () Clinical social work practice is influenced by legal systems to such a degree, it is difficult to conceptualize a competent practitioner without a basic understanding of forensic social work practice. The actions of social workers and their clients are powerfully, implicitly, and explicitly shaped through legal mandates and regulations at multiple levels of governance. This course will provide a foundation for the essential areas of interaction between social work practice and the law, with an emphasis on how these impact the roles and functions of the clinical practitioner. The course also equips the practitioner with a crucial underpinning of the forensic knowledge and skills necessary to provide clinical social work services to clients in legal settings, such as mediation, forensic interviewing, and testimony as an expert witness.

880 Clinical Social Work Practice with Individuals ()

Students learn selected theoretical orientations and therapeutic interventions designed to promote goal attainment and the well-being of individuals. Students recognize that effective and efficient clinical social work practice is guided and informed by a theoretical foundation as well as policies and demands of agency function and funding sources. Students are expected to display autonomous ethical practice, to utilize critical thinking and reflection as they expand awareness of conscious use of self in the social work clinical helping partnership. Students will demonstrate theoretical knowledge and psychotherapeutic skills through coursework, clinical intensive meetings, and practicum. This course has been designed to synchronize with SOCW 890 Advanced Clinical SW Field Practicum I and topics and assignments from this course have been integrated into the practicum.

885 Advanced Clinical Social Work Practice with Groups and Families () Students learn selected theoretical orientations and therapeutic interventions designed to promote goal attainment and the well-being of groups and families. Students recognize that effective and efficient clinical social work practice is guided and informed by a theoretical foundation as well as policies and demands of agency function and funding sources. Students are expected

to display autonomous ethical practice, to utilize critical thinking and reflection as they expand awareness of conscious use of self in the social work clinical helping partnership. Students will demonstrate theoretical knowledge and psychotherapeutic skills through coursework, clinical intensive meetings, and practicum. This course has been designed to synchronize with SOCW 895 Advanced Clinical SW Field Practicum II and topics and assignments from this course have been integrated into the practicum.

890 Advanced Clinical Social Work Field Practicum I ()

This course is the first of two field practicum experiences that students are required to complete during the advanced year for the MSW Program. This course provides social work majors with supervised clinical learning experiences from a licensed social worker within approved social welfare agencies. SOCW 880 Advanced Practice with Individuals accompanies this practicum course in order to enable students to integrate and apply classroom learning in the field setting. An ethnocultural practice perspective is emphasized. Students work closely with the Field Practicum Director to identify their preferred practice population, preferred agencies, and the geographical area where they want to complete the practicum. Students are required to begin this practicum experience the same week that courses begin in the fall semester. A minimum of 360 hours of field practicum experience are required. Students will be in rotations in a variety of social service agency setting for the first six weeks of the semester. This will provide students with observation opportunities with a more diverse client population in diverse agency settings. The rotations will allow students to understand services from a more systemic perspective. Once students complete the rotations, they will begin in their full-time practicum (minimum of 24 hours / week) in an agency placement predetermined at the beginning of the practicum course. Students are required to complete a minimum of 360 hours of field practicum experience during this semester.

895 Advanced Clinical Social Work Field Practicum II ()

This course is the second of two field practicum experiences that students are required to complete during the advanced year for the MSW Program. This course provides social work majors with supervised clinical learning experiences from a licensed social worker within approved social welfare agencies. SOCW 885 Advanced Practice with Groups and Families accompanies this practicum course in order to enable students to integrate and apply classroom learning in the field setting. An ethnocultural practice perspective is emphasized. Students work closely with the Field Practicum Director to identify their preferred practice population, preferred agencies, and the geographical area where they want to complete the practicum. Students are required to begin this practicum experience the same week that courses begin in the fall semester. Students are required to complete a minimum of 360 hours of field practicum experience during this semester. Once students complete this course and hours, they will have accumulated a minimum of 720 practicum hours to satisfy the practicum requirements to move on to the advanced year of the MSW program.

*General Education Course

+Course may be repeated

Werth College of Science, Technology and Mathematics

Each department offers major and minor academic programs in various specializations, and most offer certificates as well. Additionally, the Biology and Geosciences departments offer MS graduate degrees with thesis and non-thesis options. Our academic programs are innovative and our facilities are state of the art. College of Science, Technology and Mathematics teachers embrace a one-on-one teaching and mentoring philosophy and provide robust research opportunities for our students.

Our faculty not only love to teach, but they are also diverse, nationally, and internationally known researchers. Housed in a single, unified college, these professors and the departments they represent explore endless interdisciplinary possibilities.

Department of Agriculture

The Department of Agriculture at Fort Hays State University provides students with applied, hands-on learning experiences and diverse foundation courses that empower students to succeed in the growing—and vital— field of agriculture. This experience makes students more marketable and well prepared to meet industry challenges, and FHSU Agriculture degree-holders are poised to become leaders in the agriculture industry.

Agriculture at FHSU:

We challenge students to take advantage of the hands-on learning experiences, unique academic programs, departmental clubs and organizations, and the close-knit mentorship of our caring, experienced faculty. Whether you're going back to the family farm or looking to take the lead in the agriculture industry, FHSU will have you well prepared for an exciting, rewarding career in a diverse and growing industry. You will:

- Gain a deeper perspective of agriculture, its significance throughout the world, and how YOU can have an impact
- Be prepared to face technological advances in an ever-changing field
- Develop leadership skills
- Have practical class experiences on the 3,825 acre FHSU University Farm
- Expand critical thinking and communication skills
- Make lifelong friends and mentors

We prepare our graduates to succeed in agriculture's wide variety of careers. Because even though they may pursue different careers—running a farm, managing a feedyard, trading grain on the futures market, working as a crop consultant, or steering a boardroom meeting—our alumni all have one thing in common: They have the desire and skills to make a positive impact on the industry and in their communities.

Department of Agriculture Faculty and Staff

See department page online for full listing

Bachelor of Science in Agriculture: Agriculture

If you have broader interests, you may find the General Agriculture option a great choice. Take a wide array of coursework from both the production and agricultural business areas. This option allows a great deal of flexibility to prepare you for careers requiring broad practical knowledge, including those in Cooperative Extension, general farm management, and production agriculture.

Specified General Education Courses (18 Credit Hours)

- ENG 101 English Comp I (3 Credit Hours)
- ENG 102 English Comp II (3 Credit Hours)
- COMM 100 Fundamentals of Oral Communication (3 Credit Hours)
- HHP 200 Personal Wellness (3 Credit Hours)
- MATH 110 College Algebra (3 Credit Hours)
- INF 101 Introduction to Computer Information Systems (3 Credit Hours)

Elective/Specified General Education Courses: Liberal Arts (37 Credit Hours)

- International Studies (6 Credit Hours)

Humanities (9 Credit Hours)

- IDS 350 Diversity in the U.S.
or beginning Modern Language course (3 Credit Hours)
- Electives (6 Credit Hours)

Math and Natural Sciences (10)

- BIOL 180 Principles of Biology (3 Credit Hours)
- BIOL 180L Principles of Biology Laboratory (1 Credit Hour)
- CHEM 112 General Chemistry I (2 Credit Hours)
- CHEM 112L General Chemistry I Lab (1 Credit Hour)
- CHEM 114 General Chemistry II (2 Credit Hours)
- CHEM 114L General Chemistry II Lab (1 Credit Hour)

Social and Behavioral Sciences

- ECON 201 Principles of Economics: Micro (3 Credit Hours)
- Electives (6 Credit Hours)
- Upper-division Integrative Course (3 Credit Hours)

Department Major Requirements (24 Credit Hours)

- AGRI 111 Animal Science (3 Credit Hours)
- AGRI 112 Agronomic Crop Science (3 Credit Hours)
- AGRI 112L Agronomic Crop Science Lab (1 Credit Hour)
- AGRI 113 Introduction to Agribusiness (3 Credit Hours)
- AGRI 211 Marketing Farm Products (3 Credit Hours)
- AGRI 220 Agricultural Accounting (3 Credit Hours)
- AGRI 311 Farm Management (3 Credit Hours)
- AGRI 321 Agricultural Law and Policy (3 Credit Hours)
- AGRI 475 Seminar (1 Credit Hour)

General Agriculture Option (35 Credit Hours)

- AGRI 214 Principles of Feeding (3)
- AGRI 215 Soils (4)

Select 1 course from the following:

- AGRI 314 Agricultural Policy (3 Credit Hours)
- AGRI 320 Fundamentals of Agricultural Commodity Marketing (3 Credit Hours)
- AGRI 410 Agricultural Finance (3 Credit Hours)

Select 2 courses from the following:

- AGRI 301 Home Horticulture (3 Credit Hours)
- AGRI 305 Agronomic Crop Insects (3 Credit Hours)
- AGRI 306 Pasture and Forage Crops (3 Credit Hours)
- AGRI 423 Agronomic Crop Diseases (3 Credit Hours)
- AGRI 625 Soil and Water Management (3 Credit Hours)

Select 2 courses from the following:

- AGRI 114 Technology of Livestock Selection and Evaluation I (2 Credit Hours)
- AGRI 313 Anatomy and Physiology (4 Credit Hours)
- AGRI 409 Dairy Cattle Production and Management (3 Credit Hours)
- AGRI 411 Beef Feedlot Technology and Management (3 Credit Hours)
- AGRI 430 Large Animal Diseases (2 Credit Hours)
- AGRI 610 Beef Cattle Production and Management (3 Credit Hours)
- AGRI 611 Swine Production and Management (3 Credit Hours)
- Agriculture Electives (13-16 Credit Hours)

Free Electives (10 Credit Hours)

TOTAL: 124 Credit Hours

Bachelor of Science in Agriculture: Agricultural Business

Production agriculture and business are combined in the Agricultural Business program. This curriculum prepares you with a variety of coursework in both the Department of Agriculture and the College of Business. With an agricultural business degree you are able to choose careers such as:

- Agricultural lending
- Commodity marketing
- Farm and agribusiness management
- Retail farm supply and marketing, including machinery and equipment
- Chemical and seed company management and sales
- Production agriculture

Specified General Education Courses (18 Credit Hours)

- ENG 101 English Comp I (3 Credit Hours)
- ENG 102 English Comp II (3 Credit Hours)
- COMM 100 Fundamentals of Oral communication (3 Credit Hours)
- HHP 200 Personal Wellness (3 Credit Hours)
- MATH 110 College Algebra (3 Credit Hours)
- INF 101 Introduction to Computer Information Systems (3 Credit Hours)

Elective/Specified General Education Courses: Liberal Arts (37 Credit Hours)

- International Studies (6 Credit Hours)

Humanities

- Electives (9 Credit Hours)

Math and Natural Sciences

- BIOL 180 Principles of Biology (3 Credit Hours)
- BIOL 180L Principles of Biology Laboratory (1 Credit Hours)
- CHEM 112 General Chemistry I (2 Credit Hours)
- CHEM 112L General Chemistry I Lab (1 Credit Hours)
- MATH 250 Elements of Statistics (3 Credit Hours)

Social and Behavioral Sciences

- ECON 201 Principles of Economics: Micro (3 Credit Hours)
- ECON 202 Principles of Economics: Macro (3 Credit Hours)
- Electives (3 Credit Hours)

Upper-division Integrative Course (3 Credit Hours)

Department Major Requirements: Core Courses (43 Credit Hours)

- AGRI 111 Animal Science (3 Credit Hours)
- AGRI 112 Agronomic Crop Science (3 Credit Hours)
- AGRI 112L Agronomic Crop Science Lab (1 Credit Hour)
- AGRI 113 Introduction to Agribusiness (3 Credit Hours)
- AGRI 211 Marketing Farm Products (3 Credit Hours)
- AGRI 311 Farm Management (3 Credit Hours)
- AGRI 320 Fundamentals of Ag Commodity Marketing (3 Credit Hours)
- AGRI 321 Agricultural Law and Policy (3 Credit Hours)
- AGRI 340 Computer Applications for Agriculture (3 Credit Hours)
- AGRI 410 Agricultural Finance (3 Credit Hours)
- AGRI 470 Agribusiness Firms Management and Marketing (3 Credit Hours)
- AGRI 650 Technology in Agriculture (3 Credit Hours)
- Agriculture Electives (9 Credit Hours)

Cognates (12 Credit Hours)

- ACCT 203 Principles of Accounting I (3 Credit Hours)
- ACCT 204 Principles of Accounting II (3 Credit Hours)
- MKT 301 Marketing Principles (3 Credit Hours)
- BCOM 301 Business Communication (3 Credit Hours)
or ENG 246 Technical and Professional Writing (3 Credit Hours)

Free Electives (10 Credit Hours)

Total: 120 Credit Hours

Bachelor of Science in Agriculture: Agricultural Business (Online)

AGRICULTURAL BUSINESS (online)			
	Specified General Education Courses (18 hours)		Credits
		Foundation Studies (12)	
	ENG 101	English Comp I	3
	ENG 102	English Comp II	3
	COMM 100	Fund of Oral Communications	3
	HHP 200	Personal Wellness	3
	MATH 110	College Algebra	3
	INF 101	Intro to Computer Info Systems	3
	Elective/Specified Gen. Ed. Courses: Liberal Arts (37 hours)		
		<i>International Studies</i>	
		Elective (ENG 125 or GSCI 110 or HIST 111)	3
		Elective (ENG 125 or GSCI 110 or HIST 111)	3
		<i>Humanities</i>	
		Elective	3
		Elective	3
		Elective	3
		<i>Math and Natural Sciences</i>	
	BIOL 100	Human Biology	3
	BIOL 102	Lab Experiences in Biology	1
	CHEM 100	Chemist's View of the World	3
	MATH 250	Elements of Statistics	3
		<i>Social and Behavioral Sciences</i>	
	ECON 201	Principles of Economics: Micro	3
	ECON 202	Principles of Economics: Macro	3
		Elective	3
		Upper-division integrative course	3
	Department Major Requirements		
	Core Courses (43 hours)		
	AGRI 111	Animal Science	3
	AGRI 112	Agronomic Crop Science	3
	AGRI 112L	Agronomic Crop Science Lab	1
	AGRI 113	Introduction to Agribusiness	3
	AGRI 211	Marketing Farm Products	3
	AGRI 311	Farm Management	3
	AGRI 320	Fund of Agri Commodity Marketing	3
	AGRI 321	Agricultural Law and Policy	3
	AGRI 340	Computer Applications for Agriculture	3
	AGRI 650	Technology in Agriculture	3

	AGRI 410	Agricultural Finance	3
	AGRI 470	Agribusiness Firms Mgmt and Mktg	3
	AGRI 200+	Agriculture Elective 1	3
	AGRI 200+	Agriculture Elective 2	3
	AGRI 200+	Agriculture Elective 3	3
	Cognates (12 hours)		
	ACCT 203	Prin. of Accounting I	3
	ACCT 204	Prin. of Accounting II	3
	MKT 301	Marketing Principles	3
	Select 1 from the following:		
	BCOM 301	Business Communication	3
	ENG 603	Technical & Report Writing	
	Free Electives (10 hours)		10
	Total		120

Bachelor of Science in Agriculture: Agricultural Communication

Today's agriculture industry is changing rapidly, and the need for clear communication and confident leaders has never been greater. Choosing a degree option in agricultural communication will prepare you to take charge of your future in agriculture as you blend theory and knowledge from production agriculture with public relations, writing, and digital media production.

Upon graduation, you will be prepared with the skills and experience to lead as a one-person communication specialist in a small-town business or shine in the boardroom as a valuable member of a large agriculture organization.

Specified General Education Courses (18 hours)

Credits

ENG 101	English Comp I	3
ENG 102	English Comp II	3
COMM 100	Fund of Oral Communications	3
HHP 200	Personal Wellness	3
MATH 110	College Algebra	3
INF 101	Intro to Computer Info Systems	3

Elective/Specified Gen. Ed. Courses: Liberal Arts (37 hours)

	International Studies	
	Elec. (ENG 125 or GSCI 110 or HIST 111)	3
	Elec. (ENG 125 or GSCI 110 or HIST 111)	3
	Humanities	
COMM 318	Intro. to Organizational Communications	3
	Elective	3
	Elective	3

	Math and Natural Sciences	
BIOL 100	Human Biology	3
BIOL 102	Lab Experiences in Biology	1
CHEM 100	Chemist's View of the World	3
MATH 250	Elements of Statistics	3
	Social and Behavioral Sciences	
ECON 201	Principles of Economics: Micro	3
ECON 202	Principles of Economics: Macro	3
	Elective	3
IDS 300+	Upper-division integrative course	3
Total		55

Department Major Requirements

Core Courses

AGRI 111	Animal Science	3
AGRI 112	Agronomic Crop Science	3
AGRI 112L	Agronomic Crop Science Lab	1
AGRI 113	Introduction to Agribusiness	3
AGRI 211	Marketing Farm Products	3

Agriculture Courses

AGRI 311	Farm Management	3
AGRI 338	Agricultural Leaders in American Business and Society	3
AGRI 332	Ag. Comm and Public Rel.	3
	Agricultural Elective	

Agricultural Electives 12

Communication Studies Courses

COMM 208	Comm and the Information Society	3
COMM 345	Comm. Research Methods	3
COMM 348	Intro to Public Relations and Advertising	3
COMM 349	Strategic Writing and Ethics	3
COMM 642	Crisis Management and Strategies	3

Communication Studies 6

Select two courses from the list below

COMM 606	Conflict Manage. Through Communication	
COMM 612	Dev. Human Resources through Comm.	
COMM 613	Recruiting and Interviewing Techniques	
INF 346	Beginning Video Production	

Free Electives 10

Total	65
TOTAL	120

Bachelor of Science in Agriculture: Agricultural Education

Bachelor of Science in Agriculture, Agricultural Education option

A degree option in Agriculture Education gives you the opportunity to take your passion for agriculture to another level by teaching the next generation of agriculture professionals. Through this teaching certification program, you will combine Ag Ed with a degree in Secondary Education. Gain in-depth knowledge about the many areas of agriculture, along with the theory and practical experience you need to become an excellent teacher.

Learn more about the [Department of Teacher Education](#)

Specified General Education Courses (18 Credit Hours)

- ENG 101 English Comp I (3 Credit Hours)
- ENG 102 English Comp II (3 Credit Hours)
- COMM 100 Fund of Oral Communication (3 Credit Hours)
- HHP 200 Personal Wellness (3 Credit Hours)
- MATH 110 College Algebra (3 Credit Hours)
- INF 101 Introduction to Computer Info Systems (3 Credit Hours)

Elective/Specified General Education Courses: Liberal Arts (37 Credit Hours)

International Studies (6 Credit Hours)

Humanities (9 Credit Hours)

- IDS 350 Diversity in the U.S. (3 Credit Hours)
- Electives (6 Credit Hours)

Math and Natural Sciences (10 Credit Hours)

- BIOL 180 Principles of Biology (3 Credit Hours)
- BIOL 180L Principles of Biology Laboratory (1 Credit Hour)
- CHEM 112 General Chemistry I (2 Credit Hours)
- CHEM 112L General Chemistry Lab I (1 Credit Hour)
- CHEM 114 General Chemistry II (2 Credit Hours)
- CHEM 114L General Chemistry Lab II (1 Credit Hour)

Social and Behavioral Sciences (9 Credit Hours)

- ECON 201 Principles of Economics: Micro (3 Credit Hours)
- Electives (6 Credit Hours)
- Upper-division integrative course (3 Credit Hours)

Department Major Requirements (24 Credit Hours)

- AGRI 111 Animal Science (3 Credit Hours)
- AGRI 112 Agronomic Crop Science (3 Credit Hours)
- AGRI 112L Agronomic Crop Science Lab (1 Credit Hour)
- AGRI 113 Introduction to Agribusiness (3 Credit Hours)
- AGRI 211 Marketing Farm Products (3 Credit Hours)
- AGRI 220 Agricultural Accounting (3 Credit Hours)
- AGRI 311 Farm Management (3 Credit Hours)
- AGRI 321 Agricultural Law and Policy (3 Credit Hours)
- AGRI 475 Seminar (1 Credit Hour)

Secondary Education Course Requirements (31 Credit Hours)

Pre-requisite courses

- TEEL 202 Foundations of Education (3 Credit Hours)
- TEEL 231 Human Growth & Development (3 Credit Hours)

Professional courses

- TECS 290 Intro to Instructional Technology (3 Credit Hours)
- TEEL 431 Educational Psychology (3 Credit Hours)
- TESP 302 Educating Exceptional Students (3 Credit Hours)
- TESS 494 The Secondary School Experience (4 Credit Hours)
- TESS 496 Directed Teaching - Secondary (12 Credit Hour)

Agricultural Education Option (23 Credit Hours)

- AGRI 277 Early Field Experience in Agriculture (1 Credit Hour)
- AGRI 460 Teaching Agriculture Education (3 Credit Hours)
- TECS 490 Occupational Safety, Health and Liability (2 Credit Hours)

Select 3 courses from the following:

- AGRI 114 Techniques of Livestock Selection and Evaluation I (2 Credit Hours)
- AGRI 214 Principles of Feeding (3 Credit Hours)
- AGRI 215 Soils (4 Credit Hours)
- AGRI 301 Home Horticulture (3 Credit Hours)

Select 2 courses from the following:

- TECS 119 Introduction to Welding (3 Credit Hours)
- TECS 120 Power, Energy and Transportation (3 Credit Hours)
- TECS 220 Engine Systems (3 Credit Hours)
- TECS 260 Metal Processes (3 Credit Hours)
- TECS 280 Wood Processes (3 Credit Hours)
- Agriculture or Technology Studies Elective (2-4 Credit Hours)

Cognate (3 Credit Hours)

- MATH 250 Elements of Statistics (3 Credit Hours)

TOTAL: 136 Credit Hours

Bachelor of Science in Agriculture: Agriculture (Agronomy)

The Agronomy option prepares students for careers in the areas of crop and soil sciences. You will graduate with a comprehensive understanding of crop growth and development, as well as soil health and fertility. Enjoy courses in diverse topics such as soil conservation, weed science, agronomic crop insects and diseases, forages, horticulture and others. Accompany your agronomy classes with agricultural business and animal science to gain a broad, yet substantial knowledge that leads to careers like:

- Chemical and seed representative
- Crop consultant
- Elevator manager
- Farm manager
- Landscaper

Specified General Education Courses (18 Credit Hours)

- ENG 101 English Comp I (3 Credit Hours)
- ENG 102 English Comp II (3 Credit Hours)
- COMM 100 Fundamentals of Oral Communication (3 Credit Hours)
- HHP 200 Personal Wellness (3 Credit Hours)
- MATH 110 College Algebra (3 Credit Hours)
- INF 101 Introduction to Computer Information Systems (3 Credit Hours)

Elective/Specified General Education Courses: Liberal Arts (37 Credit Hours)

- International Studies (6 Credit Hours)

Humanities (9 Credit Hours)

- IDS 350 Diversity in the U.S.
- or beginning Modern Language course (3 Credit Hours)
- Electives (6 Credit Hours)

Math and Natural Sciences (10 Credit Hours)

- BIOL 180 Principles of Biology (3 Credit Hours)
- BIOL 180L Principles of Biology Laboratory (1 Credit Hour)
- CHEM 112 General Chemistry I (2 Credit Hours)
- CHEM 112L General Chemistry I Lab (1 Credit Hour)
- CHEM 114 General Chemistry II (2 Credit Hours)
- CHEM 114L General Chemistry II Lab (1 Credit Hour)

Social and Behavioral Sciences

- ECON 201 Principles of Economics: Micro (3 Credit Hours)
- Electives (6 Credit Hours)

Upper-division Integrative Course (3 Credit Hours)

Department Major Requirements Core Courses (24 Credit Hours)

- AGRI 111 Animal Science (3 Credit Hours)
- AGRI 112 Agronomic Crop Science (3 Credit Hours)
- AGRI 112L Agronomic Crop Science Lab (1 Credit Hour)
- AGRI 113 Introduction to Agribusiness (3 Credit Hour)
- AGRI 211 Marketing Farm Products (3 Credit Hours)

- AGRI 220 Agricultural Accounting (3 Credit Hours)
- AGRI 311 Farm Management (3 Credit Hours)
- AGRI 321 Agricultural Law and Policy (3 Credit Hours)
- AGRI 475 Seminar (1 Credit Hour)

Agronomy Option (39 Credit Hours)

- AGRI 215 Soils (4 Credit Hours)
- AGRI 305 Agronomic Crop Insects (3 Credit Hours)
- AGRI 306 Pasture and Forage Crops (3 Credit Hours)
- AGRI 423 Agronomic Crop Diseases (3 Credit Hours)
- AGRI 426 Agronomic Crop Production (3 Credit Hours)
- AGRI 620 Cereal, Fiber, and Oil Crops (3 Credit Hours)
- AGRI 621 Weed Science (4 Credit Hours)
- AGRI 626 Soil Fertility and Fertilizers (3 Credit Hours)
- Agriculture Electives (5 Credit Hours)

Select 3 courses from the following:

- AGRI 214 Principles of Feeding (3 Credit Hours)
- AGRI 301 Home Horticulture (3 Credit Hours)
- AGRI 425 Crop Physiology (3 Credit Hours)
- AGRI 622 Crop Improvement (3 Credit Hours)
- AGRI 625 Soil and Water Management (3 Credit Hours)
- AGRI 631 Development and Classification of Soils (3 Credit Hours)

Free Electives (6 Credit Hours)

TOTAL: 124 Credit Hours

Bachelor of Science in Agriculture: Agriculture (Agronomy Business)

A degree option in Agronomy Business prepares you for the high demands of a profession in agronomy with the business technical sales and marketing knowledge to succeed in business. Students have the flexibility to tailor their plans of study to meet their individual. This unique program was developed with feedback from global agri-business organizations and the experience of our Fort Hays State alumni in the field. The degree option in Agronomy Business distinguishes graduates and adds value to your degree in the way it brings together course knowledge and experience in cropping systems management with a solid foundation in agriculture business management.

With a degree option in Agronomy Business, you are prepared to pursue careers such as:

- Agricultural lending
- Commodity marketing
- Farm and agribusiness management
- Retail farm supply and marketing, including machinery and equipment
- Chemical and seed company management and sales
- Production agriculture
- Chemical and seed representative
- Crop consultant
- Elevator manager
-

Specified General Education Courses (18 hours)		Credits
	Foundation Studies (12)	
ENG 101	English Comp I	3
ENG 102	English Comp II	3
COMM 100	Fund of Oral Communications	3
HHP 200	Personal Wellness	3
MATH 110	College Algebra	3
INF 101	Intro to Computer Info Systems	3

Elective/Specified Gen. Ed. Courses: Liberal Arts (37 hours)

	International Studies	
	Elective (ENG 125 or GSCI 110 or HIST 111)	3
	Elective (ENG 125 or GSCI 110 or HIST 111)	3
	Humanities	
	Elective	3
	Elective	3
	Elective	3
	Math and Natural Sciences	
BIOL 100	Human Biology	3
BIOL 102	Lab Experiences in Biology	1
CHEM 100	Chemist's View of the World	3
MATH 250	Elements of Statistics	3
	Social and Behavioral Sciences	
ECON 201	Principles of Economics: Micro	3
ECON 202	Principles of Economics: Macro	3
	Elective	3
IDS 300+	Upper-division integrative course	3
	Total	55

Department Major Requirements

Core Courses (13 hours)

AGRI 111	Animal Science	3
AGRI 112	Agronomic Crop Science	3
AGRI 112L	Agronomic Crop Science Lab	1
AGRI 113	Introduction to Agribusiness	3
AGRI 211	Marketing Farm Products	3

Agriculture Courses (44 hours)

AGRI 215	Soils	4
AGRI 220 or ACCT 203	Ag Accounting or Principles of Accounting	3
AGRI 305	Agronomic Crop Insects (S)	3
AGRI 311	Farm Management (S,F)	3
AGRI 316	Internship in Agriculture (S,Su,F)	3
AGRI 320	Fund. of Ag Commodity Marketing. (F)	3
AGRI 321	Agricultural Law and Policy	3

AGRI 340	Computer Applications for Agriculture	3
AGRI 410	Agricultural Finance (S)	3
AGRI 423	Agronomic Crop Diseases (S)	3
AGRI 470	Capstone in Ag MGMT (S,F)	3
AGRI 621	Weed Science (F)	4
AGRI 626	Soil Fertility and Fertilizers (S)	3
AGRI 650	Technology in Agriculture	3
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Electives	Select 2 courses from the following (6 hours)	
AGRI 301	Home Horticulture	3
AGRI 306	Pasture and Forage Crops	3
AGRI 425	Agronomic Crop Physiology	3
AGRI 612	Irrigation	3
AGRI 620	Cereal, Fiber, and Oil Crops	3
AGRI 622	Crop Improvement	3
AGRI 625	Soil and Water Management	3
AGRI 631	Development and Classification of Soils	3
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Free Electives-2 hours		2
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	Total	65
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TOTAL		120

Bachelor of Science in Agriculture: Agriculture (Animal Science)

Bachelor of Science in Agriculture-Animal Science option

In addition to the wide variety of coursework you take in the Animal Science option, gain hands-on experience in animal evaluation, selection and handling, breeding techniques, pregnancy checking, livestock ration formulation, and other important real-life skills. Exposure to the beef, dairy, horse, sheep and swine industries can lead you to career opportunities in:

- Feedlot management
- Meat quality assurance
- Agriculture communications
- Animal production
- Pharmaceutical sales
- Nutrition and feeding
- Livestock reproduction
- Marketing

Specified General Education Courses (18 Credit Hours)

- Foundation Studies (12 Credit Hours)

- ENG 101 English Comp I (3 Credit Hours)
- ENG 102 English Comp II (3 Credit Hours)
- COMM 100 Fundamentals of Oral Communication (3 Credit Hours)
- HHP 200 Personal Wellness (3 Credit Hours)
- MATH 110 College Algebra (3 Credit Hours)
- INF 101 Introduction to Computer Information Systems (3 Credit Hours)

Elective/Specified General Education Courses: Liberal Arts (37 Credit Hours)

- International Studies (6 Credit Hours)

Humanities (9 Credit Hours)

- IDS 350 Diversity in the U.S.
or beginning Modern Language course (3 Credit Hours)
- Electives (6 Credit Hours)

Math and Natural Sciences (10 Credit Hours)

- BIOL 180 Principles of Biology (3 Credit Hours)
- BIOL 180L Principles of Biology Laboratory (1 Credit Hour)
- CHEM 112 General Chemistry I (2 Credit Hours)
- CHEM 112L General Chemistry I Lab (1 Credit Hour)
- CHEM 114 General Chemistry II (2 Credit Hours)
- CHEM 114L General Chemistry II Lab (1 Credit Hour)

Social and Behavioral Sciences

- ECON 201 Principles of Economics: Micro (3 Credit Hours)
- Electives (6 Credit Hours)
- Upper-division Integrative Course (3 Credit Hours)

Department Major Requirements: Core Courses (24 Credit Hours)

- AGRI 111 Animal Science (3 Credit Hours)
- AGRI 112 Agronomic Crop Science (3 Credit Hours)
- AGRI 112L Agronomic Crop Science Lab (1 Credit Hours)
- AGRI 113 Introduction to Agribusiness (3 Credit Hours)
- AGRI 211 Marketing Farm Products (3 Credit Hours)
- AGRI 220 Agricultural Accounting (3 Credit Hours)
- AGRI 311 Farm Management (3 Credit Hours)
- AGRI 321 Agricultural Law and Policy (3 Credit Hours)
- AGRI 475 Seminar (1 Credit Hour)

Animal Science Option (38 Credit Hours)

- AGRI 114 Techniques of Livestock Selection and Evaluation I (2 Credit Hours)
- AGRI 212 Techniques of Livestock Selection and Evaluation II (2 Credit Hours)
- AGRI 214 Principles of Feeding (3 Credit Hours)
- AGRI 306 Pasture and Forage Crops (3 Credit Hours)
- AGRI 313 Anatomy and Physiology (4 Credit Hours)
- AGRI 409 Dairy Cattle Production and Management (3 Credit Hours)
- AGRI 411 Beef Feedlot Technology and Management (3 Credit Hours)

-OR-

- AGRI 610 Beef Cattle Production and Management (3 Credit Hours)
- AGRI 611 Swine Production and Management (3 Credit Hours)
- AGRI 615 Genetics of Livestock Improvement (3 Credit Hours)
- AGRI 616 Reproductive Physiology of Domestic Animals (4 Credit Hours)
- AGRI 617 Animal Nutrition (3 Credit Hours)
- Agriculture Electives (6 Credit Hours)

Free Electives (7 Credit Hours)

TOTAL: 124 Credit Hours

Bachelor of Science in Agriculture: Agriculture (Agricultural Leadership)

Be prepared to lead put your passion for agriculture to work and take the next steps in your career with a degree option in Agriculture Leadership. Through this multidisciplinary program, you will combine agriculture and leadership theory and practical experience to find your voice as an agriculture professional and prepare you for a successful future in this dynamic and rapidly changing industry.

Leadership skills are essential to any organization, and as an agriculture leadership student, you will gain the foundational skills necessary to work with diverse people and teams. This flexible degree program can support graduates interested in many careers.

- Association management
- Agriculture business
- Extension education
- Farm & ranch management
- Agriculture leadership education and training
- Agriculture management

Specified General Education Courses (18 hours)		Credits
	Foundation Studies (12)	
ENG 101	English Comp I	3
ENG 102	English Comp II	3
COMM 100	Fund of Oral Communications	3
HHP 200	Personal Wellness	3
MATH 110	College Algebra	3
INF 101	Intro to Computer Info Systems	3

Elective/Specified Gen. Ed. Courses: Liberal Arts (37 hours)

	International Studies	
	Elective (ENG 125 or GSCI 110 or HIST 111)	3
	Elective (ENG 125 or GSCI 110 or HIST 111)	3
	Humanities	
	Elective	3
	Elective	3
	Elective	3
	Math and Natural Sciences	
BIOL 100	Human Biology	3
BIOL 102	Lab Experiences in Biology	1
CHEM 100	Chemist's View of the World	3

MATH 250	Elements of Statistics	3
	Social and Behavioral Sciences	
ECON 201	Principles of Economics: Micro	3
ECON 202	Principles of Economics: Macro	3
	Elective	3
IDS 300+	Upper-division integrative course	3
	Total	55

Department Major Requirements

Core Courses (13 hours)

AGRI 111	Animal Science	3
AGRI 112	Agronomic Crop Science	3
AGRI 112L	Agronomic Crop Science Lab	1
AGRI 113	Introduction to Agribusiness	3
AGRI 211	Marketing Farm Products	3

Agriculture Courses (9 hours)

AGRI 311	Farm Management	3
AGRI 338	Agricultural Leaders in American Business and Society	3
AGRI 332	Ag. Comm and Public Relations	3

Agricultural Electives

15

Leadership Studies Courses (9 hours)

LDRS 300	Introduction to Leadership Concepts	3
LDRS 302	Introduction to Leadership Behavior	3
LDRS 310	Field Work in Leadership Studies	3

Leadership Studies Electives

9

Free Electives

10

	Total	65
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TOTAL		120
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Pre-Veterinary Medicine Studies

The Pre-Veterinary Medicine (Pre-Vet) curriculum emphasizes coursework in the natural and physical sciences, giving you the academic background and hands-on experience necessary for admission to a professional veterinary medicine program. The Pre-Vet curriculum is not a specific degree program, so you are encouraged to pursue a program of study, such as the Agriculture-Animal Science option, while you take the Pre-vet course sequence.

Coursework Information

The pre-professional program that prepares students for admission into the College of Veterinary Medicine at Kansas State University emphasizes science, math, and communication. The minimum coursework requirements for the pre-veterinary program are:

- COMM 100 Fundamentals of Oral Communication (3 Credit Hours)
- ENG 101 English Composition I (3 Credit Hours)
- ENG 102 English Composition II (3 Credit Hours)
- PHYS 111/11L Physics I/Lab (5 Credit Hours)
- PHYS 112/112L Physics II/Lab (5 Credit Hours)
- CHEM 120/120L University Chemistry I/Lab (5 Credit Hours)
- CHEM 122/122L University Chemistry II/Lab (5 Credit Hours)
- BIOL 180/180L Principles of Biology/Lab (4 Credit Hours)
- BIOL 240/240L Microbiology/Lab (5 Credit Hours)
- CHEM 304/304L Essentials of Organic Chemistry/Lab (5 Credit Hours)
- CHEM 360/360L Essentials of Biochemistry/Lab (5 Credit Hours)
- AGRI 615 Genetics of Livestock Improvement (3 Credit Hours) -OR-
- BIOL 325/325L Genetics/Lab (4 Credit Hours)
- Humanities Electives (6 Credit Hours)
- Social and Behavioral Sciences Electives (6 Credit Hours)

Additional recommended coursework includes:

- INF 101 Intro to Computer Information Systems (3 Credit Hours)
- AGRI 111 Animal Science (3 Credit Hours)
- MATH 122 Plane Trigonometry (3 Credit Hours)
- AGRI 214 Principles of Feeding (3 Credit Hours)
- AGRI 616 Reproductive Physiology of Domestic Animals (4 Credit Hours)
- BIOL 260/260L Introductory Zoology (4 Credit Hours)

The pre-veterinary medicine coursework listing does not lead to any individual degree; therefore, it is recommended that students pursue a 4-year discipline degree program while completing this coursework.

NOTE: Completion of the pre-veterinary medicine coursework does not guarantee admission into the professional veterinary medicine program.

Master of Business Administration: Agribusiness

Agriculture is one of the most important, fastest-moving, and high-tech industries in the world today. This concentration was developed to provide agricultural professionals with strategies for informed decision-making within an engaging and dynamic environment. Students will learn and apply a portfolio of skills that include individual and group leadership in an organization, risk-management strategies, and strategic, value-chain analysis. The interface between the technical and biological nature of agricultural sciences, economics, management, and marketing strategies sets this concentration apart.

Courses include:

AGRI 820: Agricultural Risk Management

An in-depth study of a variety of risk management strategies inherent to the agricultural firm. Topics include: diversification, insurance, forward contracting, hedging and options trading through applied problems with use of simulation. Managing risk associated with input prices, output prices, organizational structure, and financial instruments are emphasized.

AGRI 850: Strategic Planning in Agricultural Business

An applied study of agricultural business logistics combining case study analysis and the study of the principles and concepts behind the strategic planning process and their impact on the sustainability of the agricultural firm. Topics include: role and scope of logistics in agribusiness, connect economics development with strategic planning, explore the issues surrounding transaction costs and the principle agent problem associated with outsourcing, strategic alliances, emerging technologies, and tools for logistics.

AGRI 860: Organizational Behavior in Agricultural Business

An in-depth analysis of individual and group behavior in agricultural business, governmental, and other organizations with emphasis on current literature and applications within business management. Topics include: theories of individual learning and perception, attitude change, job motivation, group dynamics, conflict management, and leadership.

Minor in Agriculture

A minor in Agriculture can be added to any major and consists of the following courses:

- AGRI 111 Animal Science (3 Credit Hours)
- AGRI 112 Agronomic Crop Science/Lab (4 Credit Hours)
- AGRI 113 Introduction to Agribusiness (3 Credit Hours)
- *Additional courses selected from within the Department (10 Credit Hours)
- *At least one must be upper-division (300-level or above) excluding AGRI 672, 673, and 676

Certificates in Agriculture

Certificate in Agricultural Business

Available on campus and online, the following certificate can add value to your degree program, or help you build up your skill sets in a particular area. A certificate in Agricultural Business can be added to any major to complement your unique degree and career goals or can be a stand-alone certificate.

The program consists of 12 credit hours:

Required courses:

- AGRI 320 Fundamental of Agricultural Commodity Marketing (3 Credit Hours)
- AGRI 340 Computer Applications for Agriculture (3 Credit Hours)
- AGRI 410 Agriculture Finance (3 Credit Hours)

Choose one course from the following list that is not part of your Major:

- AGRI 332 Agricultural Communications and Public Relations (3)
- AGRI 338 Agricultural Leadership (3)
- AGRI 440 Agribusiness Entrepreneurship (3)
- AGRI 445 Agribusiness Retail Management (3)
- AGRI 450 Economics of International Agriculture Development (3)
- AGRI 321 Ag Law and Policy (3)
- AGRI 456 Agricultural Resource Valuation (3)
- MKT 301 Marketing Principles (3)
- BCOM 301 Strategic Business Communication (3)

*Some prerequisites may apply

Course Listings - Agriculture

Undergraduate Credit

110 Agriculture in our Society (1) A brief history of the development of American agriculture. The role of agricultural colleges in business and industry is considered with emphasis on career opportunities for graduates in agriculture and related areas.

111 Animal Science (3) A general study of the livestock industry and its current problems. Emphasis is placed on its importance as a major phase of agriculture and related areas.

111L Animal Science Lab (1) Introduction to animal agriculture and industry. This course supports and expands on material presented in AGRI 111. Requisites: CR, AGRI 111.

112 Agronomic Crop Science # (3) A study of the production principles of agronomic crops including propagation, growth, development, harvesting, storage, and utilization. Must be taken concurrently with laboratory. Requisites: co-requisite AGRI 112L.

112L Agronomic Crop Science Laboratory (1) The laboratory course is designed to reinforce the basic principles covered in AGRI 112 Agronomic Crop Science. Meets for two hours per week. Requisites: co-requisite AGRI 112.

113 Introduction to Agribusiness (3) Overview and basic introduction to the concepts, issues, and disciplines of study relating to the management and economic functions of agriculture and agribusiness.

114 Techniques of Livestock Selection and Evaluation I (2) The evaluation of livestock including comparative judging, grading, classification, and selection of beef cattle, swine, sheep, and horses.

120 Rodeo Strength Training and Conditioning (0) Strength training and conditioning are major components of preparing to be a successful rodeo athlete. This class meets at the gym three days per week during the semester. Students will be instructed in techniques and strategies to prepare for specific events.

211 Marketing Farm Products (3) The practices and processes of marketing agricultural goods, cash and futures prices, and commodity marketing techniques are examined. Attention is given to market organization and price analysis, marketing functions, standards and grading, and specific marketing practices related to crops and livestock. Requisites: PR, AGRI 113 or ECFI 201.

212 Techniques of Livestock Selection and Evaluation II (2) A continuation of AGRI 114 with additional emphasis on objective and subjective methods of evaluation

using a combination of visual appraisal and performance records. Requisites: PR, AGRI 114 or PERM.

215 Soils (4) An introduction to the fundamentals of the physical, chemical, and biological properties of soils. Soil development, classification, distribution, and management are included. Course includes three, 1 hour lectures with a 2 hour laboratory component.

214 Principles of Feeding (3) A study of the nutritive value of feeds and nutrient requirements of all species of domestic farm animals. The effect of processing, environment, feed additives, and combination of nutrients on efficiency and level of production. Requisites: PR, AGRI 111 and CHEM 112 or CHEM 120.

215 Soils (4) An introduction to the fundamentals of the physical, chemical, and biological properties of soils. Soil development, classification, distribution, and management are included. Course includes three 1-hour lectures with a 2-hour laboratory component. Requisites: PR, CHEM 112 or CHEM 120.

220 Agricultural Accounting (3) Application of accounting concepts and principles to farms and other agribusiness firms. Cash and accrual accounting methods, whole farm and enterprise analysis, income tax management, and electronic farm accounting technology are considered. Course includes two 1-hour lectures with a 2-hour laboratory component.

240 Rodeo Timed Events I (0) Introduction to all rules and regulations of timed events in Intercollegiate Rodeo (Tie Down Roping, Breakaway Roping, Goat Tying, Steer Wrestling, Team Roping, and Barrel Racing).

242 Rodeo Rough Stock I (0) This course covers rules, regulations, and safety precautions for all three rough stock events in intercollegiate rodeo (Bareback Riding, Saddle Bronc Riding, and Bull Riding).

277 Early Field Experience in Agriculture (1) This course will provide Agriculture Education students with an observation and participation experience in the high school/junior high school agricultural classroom. This experience will expose students to a variety of educational philosophies, goals, objectives and activities. Pass/No credit. Requisites: PR, completion of AGRI 111, AGRI 112 or AGRI 113 and PERM.

301 Home Horticulture (3) Culture, propagation and pest control of ornamentals, vegetables, fruits and nuts grown for the home.

305 Agronomic Crop Insects (3) Scouting, identification, and control methods of common insects found in agronomic crops. Requisites: PR, AGRI 112/112L.

306 Pasture and Forage Crops (3) A study of forage crops for meadows, pasture, soiling, and silo with reference to establishment, adaptation, production, management, and improvement. Requisites: PR, AGRI 112, BIOL 180/180L.

308 Crops Judging Team Activity + (1) Training for participation on crops judging teams. Students learn: grain grading and seed analysis; crops, weed, and seed identification; and disease and insect identification. Requisites: PR, AGRI 112, PERM.

310 Grain Grading and Seed Analysis (2) Application of the federal standards for grading farm crops and judging of grains and other crop products. Four hours of laboratory a week. Requisites: PR, AGRI 112.

311 Farm Management (3) A study of production planning with budgeting, financial records, and the acquisition and use of resources for the individual farm-ranch business is emphasized. Requisites: PR, ECFI 201; AGRI 220 or ACCT 203.

312 Advanced Techniques of Livestock Selection III + (2) Advanced training in live animal evaluation. Designed for students interested in competing on FHSU livestock judging team. Requisites: PR, AGRI 212 or PERM.

313 Anatomy and Physiology of Domestic Animals (4) A comparative study of the anatomy and physiology of the various productive systems and organs of the domestic farm animals. Two hours lecture and one hour recitation per week in addition to a 2 hour laboratory component.

314 Agricultural Policy (3) An examination of the economic characteristics of agriculture, American agricultural policies, and current policy topics. Requisites: PR, ECFI 201.

315 Soils Judging Team Activity+ (1) Training for participation on soil judging teams. Students evaluate soils for agricultural productivity and for engineering purposes.

316 Internship in Agriculture (3) A supervised work-study program in agribusiness, animal science, or agronomy. Involves instructor-student-employer consultation. Requisites: PERM.

319 Consumers Guide to the Meat Industry (2) A study of the meat industry and the production of retail red meat to enlighten the consumer as to the steps involved and the basis for determining price and quality. Consists of one hour per week of lecture and two hours of hands-on work experience.

320 Fundamentals of Agricultural Commodity Marketing (3) A study of agricultural commodity marketing, transportation, and storage, using the agricultural futures and options markets. Requisites: PR, AGRI 211, ECFI 201, or PERM.

321 Agricultural Law and Policy (3) An examination of laws, regulations, and case decisions that are of significance to the agricultural production, business, and food industries. Domestic agriculture and food policy will be discussed.

General topics in contract, tort, and real estate law will be presented, as will specialized topics in business planning, water law, food regulation, environmental protection, animal and fence law, agricultural employment, and estate/succession planning.

325 American Agricultural History (3) A course on the development of American agriculture from Native Americans to early colonial settlement through present times. Topics include social, economic and political developments and technological advances in U.S. agriculture.

330 Livestock Sales (1) This course emphasizes major strategies for promotion and marketing of high-quality livestock. Private treaty sales as well as live and online auctions are discussed.

332 Agricultural Communications and Public Relations (3) History, role in society, and role of communications in agriculture. This course provides an understanding of communication and various communication methods in modern society as these are applicable to agriculture.

334 Rodeo Timed Events II (1) This course studies production of a rodeo. It will cover all six timed events and methodology for acquiring cattle and goats to produce a rodeo. Students will learn how to set up and measure a barrier for the roping events. Students will also learn how to measure out and stake a barrel pattern, as well as measure for goat tying. Ground maintenance for safety of barrel racing contestants and horses will be emphasized.

335 Rodeo Rough Stock II (1) This course studies the production side of rodeo. It will cover the three rough stock events. Methodology and strategies for obtaining horses and bulls for an intercollegiate rodeo. Students will learn how to set orders for a rough stock rodeo, Safety as it pertains to arena conditions is emphasized.

338 Agricultural Leadership (3) A study of concepts and theories of leadership with emphasis on development of leadership abilities for a variety of agricultural applications. Best practices of successful leaders representing various components of the agriculture community are emphasized. Skills related to managing teams in diverse agricultural workplaces and communities will be developed.

340 Computer Applications for Agriculture (3) An advanced course primarily focused on the applied use of Microsoft Excel in the agricultural business environment. Prerequisites: AGRI 113; MATH 110; MIS 101.

350L Bovine Artificial Insemination (1) This course emphasizes techniques of artificial insemination of cattle. Proper handling, storage and placement of bovine semen are discussed. Methodology for estrus detection and timing of semen placement are emphasized. This course has a laboratory component.

355 Field Trips in Agriculture () Location, topics & credit hours will vary. Each section will have a location and topic description in the title.

400 Topics in Agriculture + (1-3) This course is designed to offer, on an irregular basis, subjects in agriculture which are not a part of the regular curriculum. Requisites: PERM.

408 Sheep Production and Management (3) A study of methods of producing purebred and commercial sheep with emphasis on performance testing and feeding, physiology of reproduction, health programs, and general management under various systems of production. Course includes two 1-hour lectures with a 2-hour laboratory component. Requisites: PR, AGRI 111 and AGRI 214.

409 Dairy Cattle Production and Management (3) This course emphasizes the production of dairy cattle as influenced by genetic improvement, nutrition, reproductive physiology, herd health, and herd management. It will acquaint students with the dairy industry from production to retailing. Course includes two 1-hour lectures with a 2-hour laboratory component. Requisites: PR, AGRI 111 and AGRI 214.

410 Agricultural Finance (3) Introduction to farm financial management, including financial intermediaries and information flows in agriculture, investment analysis, and financial alternatives for farm resource control. Requisites: PR, ECFI 201; and AGRI 220/220L or ACCT 203.

411 Beef Feedlot Technology and Management (3) A study of the beef feedlot and stocker cattle industries including animal management, health, nutrition and feeding, handling, facilities, and risk management. Course includes two, 1-hour lectures with a 2-hour laboratory component. Requisites: PR, agriculture senior or PERM.

417 Horse Production (3) A course designed to acquaint the student with the light horse as a livestock enterprise with emphasis on nutrition, reproduction, health, selection, and management. Course includes two 1-hour lectures with a 2-hour laboratory component. Requisites: PR, AGRI 111 and AGRI 214.

423 Agronomic Crop Diseases (3) Symptoms, causes, diagnosis, and methods of control of agronomic crop diseases. Requisites: PR, AGRI 112.

425 Agronomic Crop Physiology (3) To develop an understanding of important principles underlying the practices used in the culture of agronomic ally important crop plants and to develop the ability to apply these principles in production strategies. Covered will be processes from seed germination to photosynthesis and water relations to flowering of important agronomic crops. Requisites: PR, AGRI 112.

426 Agronomic Crop Production (3) A study of agronomic crop production principles for major crops in Kansas and the Great Plains Region. Designed for students interested in crop consulting and general farming practices; included are insect, disease, and weed identification, along with the study of irrigation, planting, and harvesting practices. A three-hour lecture with a requirement of one field trip during the semester. Requisites: PR, AGRI 112, AGRI 305, AGRI 423, Junior or Senior status, or PERM.

430 Large Animal Diseases (2) A study of diseases applicable to cattle, swine, sheep, and horses. The course will include principles of immunization to support the prevention and treatment of the diseases most often encountered in the large animal species common to the farms and ranches in the Midwest. Requisites: AGRI 111, AGRI 313, or PERM of instructor.

440 Agribusiness Entrepreneurship () A study of the entrepreneur journey to open an agricultural or food related business. Includes practicing designing a business plan.

445 Agribusiness Retail Management () A study of managerial challenges and considerations in the agricultural or food related industry. Grocery operations will be discussed.

450 Economics of International Agriculture Development (3) This course introduces students to the problem of poverty, hunger, and malnutrition in developing countries and examines the role of the agriculture sector in solving these problems. The course examines the theories of agricultural development in the context of globalization and introduces various agricultural production systems in the world.

452 Meat Science (3) A study of basic chemical and physical characteristics of meat animals. Physiology of muscle contraction and conversion of muscle to meat are emphasized. Application of scientific principles to processing and economical utilization of meat animals, as well as in the manufacturing of meat products is studied.

456 Agricultural Resource Valuation (3) Applied course studying the valuation of resources used in production agriculture, including basic valuation principles and concepts, and the appraisal of farm real estate with consideration given to the valuation of water and mineral rights. Problem sets and mock appraisals will be used to demonstrate the valuation process applied to farm real estate and related resources. Requisites: PR, ECFI 201 and AGRI 311 or PERM.

460 Teaching Agriculture Education (3) A course on planning and conducting effective agriculture instructional programs. Topics include introducing instructional methods, techniques, devices and procedures used in disseminating agricultural information to youth and adult audiences. Requisites: PR, AGRI 211 and AGRI 340 and MATH 250.

470 Capstone Course in Agribusiness Management (3) A capstone course for the agribusiness major designed to integrate agricultural sciences with economic and business management principles and practices, as applied to problems and decision-making activities, of agribusiness firms in a case study environment. Requisites: PR, AGRI 311, AGRI 320, MGT 301 and MKT 301, or PERM.

475 Seminar (1) Special topics in agricultural research will be assigned and oral reports will be made to other students and faculty. Requisites: PR, agriculture senior standing.

480 Beef Management Internship (12) A supervised, off-campus experiential learning opportunity providing in-depth,

practical experience while working with cooperators in the beef cattle industry. Involves instructor/student/cooperator consultation. Requisites: PR, AGRI 411, AGRI 610; PERM.

490 Techniques and Technology in Beef Cattle Production

(3) A comprehensive course presenting the principles, techniques and contemporary technologies that contribute to profitable production of beef cattle. This includes all areas of beef production from cow-calf to retail marketing. Requisites: PR, AGRI 411, AGRI 610; PERM.

Undergraduate/Graduate Credit

610 Beef Cattle Production and Management (3)

Techniques used in beef production with emphasis on genetic improvement through performance testing, nutrition, reproductive physiology, diseases of beef cattle, and general management under various systems of production. Course includes two 1-hour lectures with a 2-hour laboratory component. Requisites: PR, AGRI 111 and AGRI 214.

610L Beef Cattle Production Lab (0) Practical application of lecture material obtained in 610. Must be taken concurrently with beef cattle production 610. Three hours of laboratory a week

611 Swine Production and Management (3) Methods of producing purebred and commercial swine with emphasis on performance testing and feeding, physiology of reproduction, health programs, and general management under various systems of production. Course includes two 1-hour lectures with a 2-hour laboratory component. Requisites: PR, AGRI 111 and AGRI 214.

612 Irrigation (3) A study of irrigation as a farming practice in western Kansas. Economic feasibility, costs involved, equipment needed, and agronomic practices will be considered. Requisites: PR or co-requisite, AGRI 215.

615 Genetics of Livestock Improvement (3) A study of the application of the principles of genetics to livestock improvement. The course begins with simple Mendelian inheritance and develops through statistical techniques used in the estimation of breeding value for quantitative traits. Requisites: PR, MATH 110, BIOL 180/ 180L.

616 Reproductive Physiology of Domestic Animals (4)

A study of the anatomy and physiology of sexual reproduction in domestic livestock. Course includes three 1-hour lectures with a 2-hour laboratory component. Requisites: PR, AGRI 111, AGRI 313; PERM.

616L Reproductive Physiology of Domestic Animals

Lab (0) Demonstrations, orientation and participation in such techniques and procedures as artificial insemination, pregnancy diagnosis, semen evaluation, estrus synchronization, superovulation and ova transfer in porcine, equine, and ovine with emphasis in bovine. Must be taken concurrently with 616.

617 Animal Nutrition (3) A scientific approach to the nutrition of monogastric and ruminant animals involving the mechanisms through which feed nutrients are utilized by

these animals. Application of ration balancing techniques for livestock species. Requisites: PR, AGRI 214.

618 Ruminant Nutrition (3) Digestion, absorption, and metabolism of nutrients as related to maintenance, growth, lactation, and reproduction in ruminants. Requisites: PR, AGRI 111, AGRI 214, AGRI 617.

620 Cereal, Fiber, and Oil Crops (3) A study of soil and climate adaptation, production, improvement, protection, and utilization of the cereal, fiber, and oil crops of the world. Requisites: PR, AGRI 112.

621 Weed Science (4) Principles and practices of weed control. Identification of weed seeds, plants and families; action of herbicides; spray equipment calibration and herbicide calculations; herbicide safety, registration and regulation. Course includes three 1-hour lectures with a 2-hour laboratory component. Requisites: PR, AGRI 112 and CHEM 114 or CHEM 120.

622 Crop Improvement (3) Crop breeding and improvement. Management practices relative to the major field crops. Legume, cereal, and grass seed production. Requisites: PR, AGRI 112, BIOL 180 and BIOL 180L.

625 Soil and Water Management (3) An integration of the principles of agronomic science into productive cropping systems utilizing basic soil-plant-climate relationships. Special emphasis is given to the effect of soil erosion in semi-arid and sub-humid cropping practices. Conservation management techniques and land use planning are emphasized. Course includes two 1-hour lectures with a 2-hour laboratory component. Requisites: PR, AGRI 215.

626 Soil Fertility and Fertilizers (3) Fundamentals of soil fertility and the manufacturing and use of chemical fertilizers as they relate to crop production and quality. Requisites: PR, AGRI 215.

630 Soil Physics (3) A study of the physical properties of soils such as aeration, moisture, temperature, texture, and structure, as they relate to soil productivity. Requisites: PR, AGRI 215.

631 Development and Classification of Soils (3) An advanced study of the influence of soil-forming factors on soil development, methods of classification, data interpretation, and soil mapping. A field trip is included as an essential part of the course. Course includes two 1-hour lectures with a 2-hour laboratory component. Requisites: PR, AGRI 215.

631L Development and Classification of Soils Lab (0) The laboratory to accompany AGRI 631. Laboratory experience in practical development and classification.

650 Technology in Agriculture (3) An exposure to practical agricultural technology management tools including GPS, auto-steer, section controllers, remote sensing, telematics, and other crops and livestock technological applications. Emphasis will be placed on the collection and analysis of precision agricultural data.

+Course may be repeated #Lab required
PERM: Permission PR: Pre-requisite

672 Readings in Agriculture (1-3) To extend the student's knowledge in some phase of agriculture. Available to seniors who major or minor in agriculture. Requisites: PERM.

673 Problems in Agriculture (1-4) Offered to seniors and majors in agriculture. Actual farm problems can be arranged in cooperation with farm superintendent or major advisor. Requisites: PERM.

676 Apprenticeship in Agriculture + (1-3) Course is designed to provide practical experience in teaching, supervision, and administration in agriculture. Requisites: PERM of instructor and department chair.

Graduate Credit

731L Development and Classification of Soils Lab () The laboratory to accompany AGRI 731. Laboratory experience in practical development and classification.

772 Readings in Agriculture () To extend the student's knowledge in some phase of agriculture. Available to seniors who major or minor in agriculture.

773 Problems in Agriculture () Offered to seniors and majors in agriculture. Actual farm problems can be arranged in cooperation with farm superintendent or major adviser.

776 Apprenticeship in Agriculture () Course is designed to provide practical experience in teaching, supervision, and administration in agriculture.

820 Agricultural Risk Management (3) An in-depth study of a variety of risk management strategies inherent to the agricultural firm. Topics include: diversification, insurance, forward contracting, hedging and options trading through applied problem with use of simulation. Managing risk associated with input prices, output prices, organizational structure, and financial instruments are emphasized.

850 Strategic Planning in Agricultural Business (3)
An applied study of agricultural business logistics combining case study analysis and the study of the principles and concepts behind the strategic planning process and their impact on the sustainability of the agricultural firm. Topics include: role and scope of logistics in agribusiness, connect economics development with strategic planning, explore the issues surrounding transaction costs and the principle agent problem associated with outsourcing, strategic alliances, emerging technologies, and tools for logistics.

860 Organizational Behavior in Agricultural Business (3)
An in-depth analysis of individual and group behavior in agricultural business, governmental, and other organizations with emphasis on current literature and applications within business management. Topics include: theories of individual learning and perception, attitude change, job motivation, group dynamics, conflict management, and leadership.

Department of Applied Technology

For updated information, see our website at www.fhsu.edu/iat.

The department of Applied Technology is dedicated to providing students three Bachelor of Science degrees: Industrial Technology, which leads to a business, industry, or agricultural career; Technology Education, which prepares students for a career in teaching at the middle or secondary school level; and Technology Leadership, for those students who have an Associate of Applied Science degree and desire to pursue a BS degree. The Industrial and Education Technology degrees provide instruction in communication systems; power, energy, and transportation systems; and production systems so that students may become technologically literate.

The department strengthens the mission of the university and of the College of Education and Technology by providing a program that supports the liberal arts concept in developing analytical skills, problem solving abilities, writing and communication skills, along with application of knowledge. The department prepares professionals for schools, business, and industry in a global technological society. This preparation is based on knowledge acquired through broad-based technology courses leading to technology specialization.

Graduates of the department are versatile, adaptable, and flexible, thereby employable in a variety of businesses, industries, or public schools. Employment possibilities include teaching careers at all levels of education, construction and manufacturing industries, architectural firms, automotive companies, and distribution centers, as safety specialists, quality control personnel, building inspectors, mid-management personnel, draft persons, and industrial trainers. Graduates are problem solvers and will have the technological skills to utilize their knowledge for an ever-changing, technological society in the 21st century.

Scholarships and Work Study

Scholarships are available to freshmen, sophomores, juniors, seniors, and transfer students.

The scholarships are awarded based on need, scholastic achievement, and excellence. Scholarships for incoming freshmen range from \$500 to \$900.

Honor and Social Organizations

The department sponsors the Technology Education Collegiate Association (TECA) open to all students enrolled in technology studies classes. This student organization has earned a national reputation for excellence in regional and national competitions. All technology students with the necessary scholastic achievement (B average) are eligible for membership in Epsilon Pi Tau (EPT), an international honorary fraternity.

Department of Applied Technology Faculty and Staff

See department page online for full listing

Associate of Science in Applied Technology and Leadership: Applied Technology and Leadership

Total - 60 Credit Hours

Credit for Military Training and Experience - 36 Credit Hours (Maximum)

Credit for Military Schools Attended	30 Credit Hours (Maximum)
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Credit for Skill Level Achieved (rank)	30 Credit Hours (Maximum)
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Credit for Military Leadership Schools - 6 Credit Hours (Maximum)

-- BLC/WLC/PLDC (Army)	3 Credit Hours
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-- SSD/DLC (Army)	3 Credit Hours
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-- Airman Leadership School (Air Force)	3 Credit Hours
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-- Noncommissioned Officer Academy (Air Force)	3 Credit Hours
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Collegiate Coursework Required - 24 Credit Hours

General Education - 15 credit Hours

-- ENG 101 English Composition I	3 Credit Hours
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-- ENG 102 English Composition II	3 Credit Hours
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-- COMM 100 Introduction to Oral Communication	3 Credit Hours
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-- INF 101 Introduction to Computer Information Systems	3 Credit Hours
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*Students must select **one** of the * courses below.*

* -- ECON 201 Principles of Economics (Micro)	3 Credit Hours
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* -- ECON 202 Principles of Economics (Macro)	3 Credit Hours
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-- FIN 205 Theory and Practice of Personal Finance *	3 Credit Hours
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-- MATH 101 Liberal Arts Mathematics *	3 Credit Hours
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-- MATH 110 College Algebra *	3 Credit Hours
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Leadership Studies Certificate Program - 9 credit Hours

-- LDRS 300 Introduction to Leadership Concepts	3 Credit Hours
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-- LDRS 302 Introduction to Leadership Behaviors	3 Credit Hours
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-- LDRS 310 Field Work in Leadership Studies	3 Credit Hours
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** More FHSU hours may be required if maximum Technical Education and Credit for Military Alignment hours are not reached.

Associate of Science in Applied Technology and Leadership: Applied Technology and Leadership (Business Communication and Technology)

Required Courses for all Concentrations Areas:

ENG 101 English Composition I 3 hours
ENG 102 English Composition II 3 hours
COMM 100 Fundamentals of Oral Communication 3 hours
INF 101 Introduction to Computer Information Systems 3 hours

Economics/ Finance / Math Options (choose one from the following):

ECON 201 Principles of Economics: Micro 3 hours
ECON 202 Principles of Economics: Macro 3 hours
FIN 205 Theory and Practice of Personal Finance 3 hours
MATH 101 Liberal Arts Mathematics * 3 hours
MATH 110 College Algebra * 3 hours
TOTAL HOURS REQUIRED 15 hours

*Note: Leadership Studies requires three credits of math as part of the 15 hours of required courses; either MATH 101 -or- MATH110 will fulfill the program requirement. The business concentrations require MATH 110 as part of the business programs of study; ECON 201, ECON 202, or FIN 205 will fulfill the above general requirement for the two business concentrations.

Required Courses for Business Communication Technology:

MATH 110 College Algebra 3 hours
BCOM 210 Introduction to Professional Development 3 hours
GBUS 204 Business Law I 3 hours
INF 250 Introduction to Web Development 3 hours OR INF322 Web Design for Non-Majors
INF 304 Management Information Systems I 3 hours
LDRS 306 Leadership and Team Dynamics 3 hours
TECS 312 Graphic Communication Techniques OR COMM 128 Communication in Society 3 hours
BCOM 300 Spreadsheet Applications 3 hours
MGT 301 Management Principles 3 hours
MKT 301 Marketing Principles 3 hours
ACCT 203 Principles of Accounting I 3 hours
BCOM 301 Business Communications 3 hours
TOTAL HOURS REQUIRED 36 hours

Communication Technology General Education Electives (choose one from the following):

HHP 200 Personal Wellness 3 hours
GSCI 110 World Geography 3 hours
HIST 111 Modern World Civilization 3 hours
ART 180 Fundamentals and Art Appreciation 3 hours
PHIL 120 Introduction to Philosophy 3 hours
MUSIC 161 Listening to Music 3 hours

Communication Technology-Free Electives by Advisement 6 hours

TOTAL HOURS REQUIRED-Business Communication Technology 60 hours

Associate of Science in Applied Technology and Leadership: Applied Technology and Leadership (Business Training Systems)

Required Courses for all Concentrations Areas:

ENG 101 English Composition I 3 hours
ENG 102 English Composition II 3 hours
COMM 100 Fundamentals of Oral Communication 3 hours
INF 101 Introduction to Computer Information Systems 3 hours

Economics/ Finance / Math Options (choose one from the following):

ECON 201 Principles of Economics: Micro 3 hours
ECON 202 Principles of Economics: Macro 3 hours
FIN 205 Theory and Practice of Personal Finance 3 hours
MATH 101 Liberal Arts Mathematics * 3 hours
MATH 110 College Algebra * 3 hours
TOTAL HOURS REQUIRED 15 hours

*Note: Leadership Studies requires three credits of math as part of the 15 hours of required courses; either MATH 101 -or- MATH110 will fulfill the program requirement. The business concentrations require MATH 110 as part of the business programs of study; ECON 201, EFON 202, or FIN 205 will fulfill the above general requirement for the two business concentrations.

Required Courses for Training Systems:

MATH 110 College Algebra 3 hours
BCOM 210 Introduction to Professional Development 3 hours
INF 250 Introduction to Web Development 3 hours OR INF 322 Web Design for Non-Majors
LDRS 306 Leadership and Team Dynamics
TECS 312 Graphic Communication Techniques OR COMM 128 Communication in Society 3 hours
TEEL 202 Foundations of Education 3 hours
TEEL 231 Human Growth/Development 3 hours
TECS 301 Introduction to Instructional Technology 3 hours
BUED 421 Electronic Media in Instruction 3 hours
BUED 612 Individual Training & Job Analysis 3 hours
TECS 495 Training/Instructional Systems 3 hours
BCOM 301 Business Communications

Training Systems General Education Electives (choose one from the following):

HHP 200 Personal Wellness 3 hours
GSCI 110 World Geography 3 hours
HIST 111 Modern World Civilization 3 hours
ART 180 Fundamentals and Art Appreciation 3 hours
PHIL 120 Introduction to Philosophy 3 hours
MUSIC 161 Listening to Music 3 hours

Training Systems-Free Electives by Advisement 6 hours

TOTAL HOURS REQUIRED-Training Systems 60 hours

Associate of Science in Applied Technology and Leadership: Applied Technology and Leadership (Industrial Technology)

Required Courses for all Concentrations Areas:

ENG 101 English Composition I 3 hours
ENG 102 English Composition II 3 hours
COMM 100 Fundamentals of Oral Communication 3 hours
INF 101 Introduction to Computer Information Systems 3 hours

Economics/ Finance / Math Options (choose one from the following):

ECON 201 Principles of Economics: Micro 3 hours

ECON 202 Principles of Economics: Macro 3 hours
FIN 205 Theory and Practice of Personal Finance 3 hours
MATH 101 Liberal Arts Mathematics * 3 hours
MATH 110 College Algebra * 3 hours
TOTAL HOURS REQUIRED 15 hours

*Note: Leadership Studies requires three credits of math as part of the 15 hours of required courses; either MATH 101 -or- MATH110 will fulfill the program requirement. The business concentrations require MATH 110 as part of the business programs of study; ECON 201, ECON 202, or FIN 205 will fulfill the above general requirement for the two business concentrations.

Required Courses for Industrial Technology

TECS 120 Power, Energy, & Transportation 3 hours
TECS 180 Materials, Processes, & Production 3 hours
TECS 312 Graphic Communication Techniques 3 hours
TECS 406 Prob. In Tech Studies: Industry Safety Course 1 hours
TECS 480 Industrial Management 3 hours
TECS 490 Occupational Safety, Health, & Liability 2 hours

TECS Electives or approved technical transfer hours 30 hours

TOTAL HOURS REQUIRED-Industrial Technology 60 hours

Bachelor of Science in Technology Studies: Technology Studies (Construction Management)

TECS Core Requirements – 32 credit hours
TECS 120 – Power, Energy, and Transportation (3) B
TECS 130 – STEM in Technology Systems (3) B
TECS 200 – Engineering Graphics (3) B
TECS 312 – Graphic Communication Techniques (3) B
TECS 318 – Intro. to Computer Aided Drafting (3) B
TECS 480 – Industrial Management (3) S
TECS 490 – Occupational Safety, Health, and Liability (2) I/S
TECS 495.--Training & Instructional Systems (3) FOR TECS 460 Teaching Technology Education (3) F
TECS 499 – Internship *** (9)

Area of Concentration

Construction Management - 24 credit hours

TECS 380 – Construction Material & Testing (3) S
TECS 382 – Construction Estimate & Scheduling (3) F
TECS 385 – Construction Planning and Design (3) S
TECS– TECS elective (3)
TECS 415 – Construction Graphics (3) F
TECS 475 – Mechanical & Electrical Systems (3) F
TECS 484 – Site Prep. & Foundation (3) F
TECS 485 – Building Construction (3) S

TECS Management Requirements – 9 credit hours

GBUS 204 – Business Law (3) B
MGT 301 – Management Principles (3) B
MGT 411 – Applied Management Skills (3) B

TECS General Education Requirement – 16 credit hours

___ MATH 101 – Liberal Arts Mathematics (3) **or** MATH 110 – College Algebra (3)
___ MATH 250 – Elements of Statistics (3) **or** MATH 234 Analytic Geometry & Calculus I (5)
___ GSCI 100 – Introduction to Geology (3)
___ PHYS 102 – Physical Science (3)

___PHYS 103 – Physical Science Laboratory (1) *or* GSCI 102 – Introduction to Geology Lab (1)
___TECS 391 – Technology in Society (3)

*****TECS 499—Internship** Students: plan ahead for internship. Start gathering details the semester BEFORE you want to do internship. 9 credit hours of internship can be broken up into segments (before your senior year). Get an internship manual from the Applied Tech office (AT 121 or dat@fhsu.edu). Make appointment with Mr. Stewart: Department Chair (AT 121) before you are ready to enroll. Note: ALL students (grade level and major) are encouraged to attend & participate in the Career Fair held each fall. This will give you personal contacts with many companies to set up internship, summer work, or full-time employment upon graduation. ALL Technology Studies students plan to attend the **Career Fair!**

Classes are offered: B=classes offered **both** Fall and Spring F=class offered in the Fall S=class offered in the Spring U=Summer I=Intersession (between Fall and Spring semesters)

Reminder: Go the Registrar's Office (Picken Hall, Room 302) and get a degree summary the middle of your **sophomore** year.

For use in Fall 2020 —> forward

Updated Program of Study—updated 5/2020 UPDATED 8/2/22

Bachelor of Science in Technology Studies: Technology Studies (Construction Technology)

TECS Core Requirements – 32 credit hours

TECS 120 – Power, Energy, and Transportation (3) B

TECS 130 – STEM in Technology Systems (3) B

TECS 200 – Engineering Graphics (3) B

TECS 312 – Graphic Communication Techniques (3) B

TECS 318 – Intro. to Computer Aided Drafting (3) B

TECS 480 – Industrial Management (3) S

TECS 490 – Occupational Safety, Health, and Liability) I/S

TECS 495 – Training & Instructional Systems (3) FOR TECS 460 Teaching Technology Education (3) F

TECS 499 – Internship ******* (9) B

Area of Concentration

Construction Technology - 27 credit hours

TECS 180 – Materials, Processes & Production (3) F

TECS 240 – Plastic Processes (3) S

TECS 280 – Wood Processes (3) S

TECS 314 – Furniture Cabinet Construct. & Finishing(3) F

TECS 380 – Construction Material & Testing (3) S

TECS 415 – Construction Graphics (3) F

TECS 420 – Fluid Systems: Hydraulics/Pneumatics (2) S

TECS 440 – Maintenance & Repair of Equipment (1) S

TECS 475 – Mechanical and Electrical Systems (3) F

TECS 485 – Building Construction (3) S

TECS Management Requirements – 6 credit hours

MGT 101 – Intro to Business (3) B

MGT 301 – Management Principles (3) B

TECS General Education Requirement – 16 credit hours

MATH 101 – Liberal Arts Mathematics (3) *or* MATH 110 – College Algebra (3)

MATH 250 – Elements of Statistics (3) *or* MATH 234 Analytic Geometry & Calculus I (5)

GSCI 100 – Introduction to Geology (3)
PHYS 102 – Physical Science (3)
PHYS 103 – Physical Science Laboratory (1) **or** GSCI 102 – Introduction to Geology Lab (1)
TECS 391 – Technology in Society (3)

*****TECS 499—Internship** Students: plan ahead for internship. Start gathering details the semester BEFORE you want to do internship. 9 credit hours of internship can be broken up into segments (before your senior year). Get an internship manual from the Applied Tech office (AT 121 or dat@fhsu.edu). Make appointment with Mr. Stewart: Department Chair (AT 121) before you are ready to enroll. Note: ALL students (grade level and major) are encouraged to attend & participate in the Career Fair held each fall. This will give you personal contacts with many companies to set up internship, summer work, or full-time employment upon graduation. ALL Technology Studies students plan to attend the **Career Fair!**

Classes are offered: B=classes offered **both** Fall and Spring F=class offered in the Fall S=class offered in the Spring
U=Summer I=Interession (between Fall and Spring semesters)

Reminder: Go the Registrar's Office (Picken Hall, Room 302) and get a degree summary the middle of your **sophomore** year.

For use in Fall 2020 —> forward

Updated Program of Study—updated 5/2020 UPDATED 8/2/22

Bachelor of Science in Technology Studies: Technology Studies (Engineering Design)

TECS Core Requirements – 32 credit hours

TECS 120 – Power, Energy, and Transportation (3) B

TECS 130 – STEM in Technology Systems (3) B

TECS 200 – Engineering Graphics (3) B

TECS 312 – Graphic Communication Techniques (3) B

TECS 318 – Intro. to Computer Aided Drafting (3) B

TECS 480 – Industrial Management (3) S

TECS 490 – Occupational Safety, Health, and Liability (2) I/S

TECS 495 – Training & Instructional Systems (3) FOR TECS 460 Teaching Technology Education (3) F

TECS 499 – Internship *******(9) B

Area of Concentration

Engineering Design Technology - 27 credit hours

TECS 180 – Materials, Processes & Production (3) F

TECS 310 – Manufacturing Graphics (3) S

TECS 355 – Computer Aided Drafting (3) F

TECS 375 – Robotics: Engineering\ Prob. Solving (3) S

TECS 385 – Construction Planning and Design (3) S

TECS 406 – TECS elective (3)

TECS 415 – Construction Graphics (3) F

TECS 445 – Civil Drafting (3) S

TECS 475 – Mechanical & Electrical Systems (3) F

TECS Management Requirements – 6 credit hours

MGT 101 – Intro to Business (3) B

MGT 301 – Management Principles (3) B

TECS General Education Requirement – 16 credit hours

MATH 101 – Liberal Arts Mathematics (3) **or** MATH 110 – College Algebra (3)

MATH 250 – Elements of Statistics (3) **or** MATH 234 Analytic Geometry & Calculus I (5)

GSCI 100 – Introduction to Geology (3)

PHYS 102 – Physical Science (3)

PHYS 103 – Physical Science Laboratory (1) **or** GSCI 102 – Introduction to Geology Lab (1)

TECS 391 – Technology in Society (3)

*****TECS 499—Internship** Students: plan ahead for internship. Start gathering details the semester BEFORE you want to do internship. 9 credit hours of internship can be broken up into segments (before your senior year). Get an internship manual from the Applied Tech office (AT 121 or dat@fhsu.edu). Make appointment with Mr. Stewart: Department Chair (AT 121) before you are ready to enroll. Note: ALL

students (grade level and major) are encouraged to attend & participate in the Career Fair held each fall. This will give you personal contacts with many companies to set up internship, summer work, or full-time employment upon graduation. ALL Technology Studies students plan to attend the **Career Fair!**

Classes are offered: B=classes offered **both** Fall and Spring F=class offered in the Fall S=class offered in the Spring U=Summer
I=Intersession (between Fall and Spring semesters)

Reminder: Go the Registrar's Office (Picken Hall, Room 302) and get a degree summary the middle of your **sophomore** year.

For use in Fall 2020 —> forward

Updated Program of Study—updated 5/2020 UPDATED 8/2/22

Bachelor of Science in Technology Studies: Technology Studies (Manufacturing Technology)

TECS Core Requirements – 32 credit hours

TECS 120 – Power, Energy, and Transportation(3) B

TECS 130 – STEM in Technology Systems(3) B

TECS 200 – Engineering Graphics(3) B

TECS 312 – Graphic Communication Techniques (3) B

TECS 318 – Intro. to Computer Aided Drafting(3) B

TECS 480 – Industrial Management(3) S

TECS 490 – Occupational Safety, Health, and Liability(2) I/S

TECS 495 – Training & Instructional Systems (3) FOR TECS 460 Teaching Technology Education (3) F

TECS 499 – Internship *******(9) B

Area of Concentration

Manufacturing Technology - 27 credit hours

TECS 119 – Introduction to Welding (3) S

TECS 180 – Materials, Processes & Production (3) F

TECS 240 – Plastic Processes (3) S

TECS 260 – Metal Processes (3) F

TECS 280 – Wood Processes (3) S

TECS 331 – Machine Tool Operations (3) S

TECS 375 – Robotics: Engineering Problem Solving (3) S

TECS 420 – Fluid Systems: Hydraulics/Pneumatics (2) S

TECS 430 – Computer-Aided Manufacturing (3) S

TECS 440 – Maintenance & Repair of Equipment (1) S

TECS Management Requirements – 6 credit hours

MGT 101 – Intro to Business (3) B

MGT 301 – Management Principles (3) B

TECS General Education Requirement – 16 credit hours

MATH 101 – Liberal Arts Mathematics (3) **or** MATH 110 – College Algebra (3)

MATH 250 – Elements of Statistics (3) **or** MATH 234 Analytic Geometry & Calculus I (5)

GSCI 100 – Introduction to Geology (3)

PHYS 102 – Physical Science (3)

PHYS 103 – Physical Science Laboratory (1) **or** GSCI 102 – Introduction to Geology Lab (1)

TECS 391– Technology in Society (3)

*****TECS 499—Internship** Students: plan ahead for internship. Start gathering details the semester BEFORE you want to do internship. 9 credit hours of internship can be broken up into segments (before your senior year). Get an internship manual from the Applied Tech office (AT 121 or dat@fhsu.edu). Make appointment with Mr. Stewart: Department Chair (AT 121) before you are ready to enroll. Note: ALL students (grade level and major) are encouraged to attend & participate in the Career Fair held each fall. This will give you personal contacts with many companies to set up internship, summer work, or full-time employment upon graduation. ALL Technology Studies students plan to attend the **Career Fair!**

Classes are offered: B=classes offered **both** Fall and Spring F=class offered in the Fall S=class offered in the Spring
U=Summer I=Intersession (between Fall and Spring semesters)

Reminder: Go the Registrar's Office (Picken Hall, Room 302) and get a degree summary the middle of your **sophomore** year.

Bachelor of Science in Technology Studies: Technology Studies (Technology Education)

Applied Technology Core – 17 credit hours

- TECS 120 – Power, Energy, and Transportation (3)
- TECS 130 – STEM in Technology Systems (3)
- TECS 200 – Engineering Graphics (3)
- TECS 312 – Graphic Communication Techniques (3)
- TECS 318 – Intro to CAD (3)
- TECS 490 – Occupational Safety, Health, and Liability (2)

Technology and Engineering Education Concentration – 17 credit hours

- TECS 180 – Materials, Processes & Production (3)
- TECS 277 – Early Field Experience (1)
- TECS 280 – Wood Processes (3)
- TECS 240 – Plastic Processes (3)
- TECS 260 – Metal Processes (3)
- TECS 440 – Maintenance & Repair of Equipment (1)
- TECS 460 – Teaching Technology Education (3)

CTE Pathway Certificate Areas – 9 credit hours each/minimum of 1 certificate required

Construction

- TECS 314 – Furniture and Cabinet Construction (3)
- TECS 406 – Site Prep. & Foundation (3)
- TECS 485 – Building Construction (3)

Drafting/CAD Design

- TECS 355 – Computer Aided Drafting (3)
- TECS 415 – Construction Graphics (3)
- TECS 445 – Civil Drafting (3)

Manufacturing

- TECS 119 – Intro to Welding (3)
- TECS 331 – Machine Tool Operations (3)
- TECS 430 – Computer-Aided Manufacturing (3)

STEM

- TECS 310 – Manufacturing Graphics (3)
- TECS 355 – Computer-Aided Drafting (3)
- TECS 375 – Robotics: Engineering / Problem Solving (3)

Education (unrestricted) – 12 credit hours – Grade of “C” or better required

- TEEL 202 – Foundations of Education (3)
- TEEL 231 – Human Growth and Development (3)
- TECS 301 – Introduction to Instructional Technology (3)
- TESP 302 – Educating Exceptional Students (3)
- ELECTIVES BY APPROVAL - 10 CREDITS

General Education – 55 hours – Required general education listed below – Grade of “C” or better required

- ENG 101 – English Composition 1 (3)
- ENG 102 – English Composition 2 (3)
- MIS 101 – Intro to Computer Info Systems (3)
- COMM 100 – Fundamentals of Oral Communication (3)
- IDS 350 – Diversity in the United States (3)

MATH 110 – College Algebra (3)
 MATH 250 – Elements of Statistics (3)
 IDS 390 – Technology in Society (3)

Total Hours – Bachelors of Science in Technology Studies: 120 Hours

NOTE: to complete the requirements for a Kansas Teaching License 19 hours ...10 hours could be the Teacher Education program electives.

TEEL 431 – Educational Psychology (3)
 TESS 494 - Secondary School Experience (4)
 TESS 496 - Student Teaching Secondary (12)

Bachelor of Science in Technology Studies: Technology Leadership

Are you ready to build on your associate degree? Students who have successfully completed an Associate of Applied Science (AAS) can now complete the online or on campus Bachelor of Science degree from Fort Hays State University.

Our Technology Leadership program includes general education courses and degree courses such as Leadership and Team Dynamics. You'll learn applied skills as well as the leadership and management skills that are essential in today's workplace.

Learn about the benefits of a degree in Applied Technology.

Associate of Applied Science Degree from Community or Technical College	40 credit hours
General Education Courses (Transfer Students)	45 credit hours
General Education Course - REQUIRED TECS 391 Technology in Society	3 credit hours
Option I / Option II Concentration (see classes below)	32 credit hours

TOTAL HOURS REQUIRED FOR DEGREE ***120 credit hours***

Business & Industry Concentration (Option I)

COMM 606 Conflict Management through Comm. (OR BCOM 301 Business Comm.)	3 hours
IDS 401 Ethical Issues in the Professions and Business (OR IDS 301 Bioethics)	3 hours
LDRS 300 Intro to Leadership Concepts	3 hours
LDRS 302 Intro to Leadership Behavior	3 hours
LDRS 306 Leadership & Team Dynamics	3 hours
MGT 301 Management Principles	3 hours
INF 304 Management Information Systems (OR approved upper division INF course)	3 hour
MKT 301 Marketing Principles	3 hours
TECS 495 Training & Instructional Systems (or MGT 614 Training & Development)	3 hours
TECS 480 Industrial Management (OR MGT 602 Production & Operations Management)	3 hours
TECS 490 Occupational Safety, Health, and Liability	2 hours

Career & Technical Education Concentration (Option II)

BUED	613	Organization & Administration of Career and Technical Education Program	3 hours
IDS	300+	Elective: Interdisciplinary Studies (Upper Division)	3 hours
LDRS	300	Intro to Leadership Concepts	3 hours
LDRS	302	Intro to Leadership Behavior	3 hours
LDRS	306	Leadership & Team Dynamics	3 hours
TECS	301	Introduction to Instructional Technology	3 hours
TECS	312	Graphic Comm. Techniques (OR <i>Approved Elective: Technology Education</i>)	3 hours
TECS	460	Teaching Technology Education	3 hours
TECS	490	Occupational Safety, Health, and Liability	2 hours
TEEL	340	The Effective Classroom (OR <i>TEEL 350 Curriculum & Assessment</i>)	3 hours
TESP	302	Educating Exceptional Students	3 hours

All transferred courses subject to approval of the Registrar's Office. Students must complete the combination of:

60 hours from a 4 year university.

45 hours of upper division courses 300 or higher.

45 hours of approved General Education. (TA 45-Transfer Agreement)

33 hours of approved coursework in the major.

30 hours of coursework taken from Fort Hays State University.

120 total hours of coursework.

Certificates in Applied Technology

Certificate of Architectural Technology

TECS 318 Intro. to Computer Aided Drafting 3

TECS 385 Construction Planning and Design 3

TECS 415 Construction Graphics 3

TECS Elective (TECS 180, TECS 475, TECS 485) 3

Certificate of Construction Management Technology

TECS 318 Intro. to Computer Aided Drafting 3

TECS 385 Construction Planning and Design 3

TECS 382 Construction Estimating & Scheduling 3

TECS 415 Construction Graphics OR TECS 485 Building Construction 3

Certificate of Drafting/Design Technology

TECS 318 Intro. To Computer Aided Drafting 3

TECS 200 Engineering Graphics 3

TECS 355 Computer Aided Drafting 3

TECS 415 Construction Graphics OR TECS 455 Civil Drafting 3

Certificate of Manufacturing Technology

TECS 318 Intro. to Computer Aided Drafting 3

TECS 180 Materials, Processes, and Production 3

TECS 260 Metal Processes 3

TECS 430 Computer Aided Manufacturing 3

Certificate of Cabinetmaking Technology

TECS 318 Intro. to Computer Aided Drafting 3

TECS 280 Wood Processes 3

TECS 314 Furniture/Cabinet Const. & Finishing 3

TECS 380 Materials Finishing and Testing 3

Certificate of Applied STEM Technology

TECS 318 Intro. to Computer Aided Drafting 3

TECS 130 STEM in Technology Systems 3

Course Listings – Applied Technology

Undergraduate Credit

104 Approaches to Information Sources (1) A survey of general and multidisciplinary information sources and access to information through traditional methods and new technology. This is a user course, not for professional library media specialist preparation.

107 Fundamentals of Wood Technology (3) This course provides an introduction to the woodworking area. The safe use and care of hand and machine tools are stressed, and related subject matter is included in course content.

110 Communication Systems (3) The study of visual communications methods including graphic geometry, lettering, sketching, orthographic drawing, sectional views, pictorial drawing, dimensioning, and industrial communication systems.

118 Fundamentals of Metal Processes (3) Introduction to the basic skills of lathe, saw, grinding, drilling, milling, forging, metal finishing, sheet metal fabrication, and hand tool operations.

119 Introduction to Welding (3) A basic study of welding materials and processes and laboratory experiences in basic ARC and OXY acetylene welding.

120 Power, Energy, and Transportation (3) This course is designed to provide an introductory overview of energy, power transmission, and transportation systems that are commonly utilized by an industrial global society.

125 Fundamentals of the Internal Combustion Engine (2) A study of small horsepower gasoline engines of the two- and four-cycle, with theory of operations, maintenance, and repair of one- and two-cylinder engines.

128 Electrical Power and Basic Electrical Systems (3) A study of theory and control of electrical energy, energy sources, applications, advanced circuitry, and residential wiring.

130 STEM in Technology Systems (3) A study of how people use Science, Technology, Engineering and Mathematics and the correlation between disciplines to manipulate materials, processes, and systems necessary for survival, work, and pleasure in a competitive, technological, and global society.

180 Materials, Processes and Production (3) This course is designed to acquaint students with the materials, processes and production of usable goods in a competitive, technological, and global society both in the construction and manufacturing industries.

200 Engineering Graphics (3) Laboratory experiences including dimensioning and tolerancing, auxiliary views, charts and graphs, threaded fasteners, welding, detail, and assembly drawings. Requisites: PR, TECS 110 or equivalent.

201 A+ Certification for Technology (3) This course is a study of the knowledge, skills, and practices needed to become A+ Certified in the field of computer maintenance. Through a “hands-on” approach, students will learn problem solving and maintenance techniques while upgrading, building and repairing PCs. Through presentations and internet research, students will stay intelligently informed about the ever changing computer industry.

206 Special Topics + (1-3) Definite structured daily activities in the areas of construction, manufacturing, visual communications, materials and processes, power, and energy. Requisites: PERM.

212 Fundamentals of Graphic Communications (3) Introduction to fundamental production printing processes as related to industry. Includes relief, offset, gravure, and screening printing; photography and photo processes; office copying and duplicating.

220 Engine Systems (3) This course is an introduction to the theory of operation, maintenance, and repair of the internal combustion engine. Some of the areas of study will be: engine construction, lubrication systems, cooling systems, air supply systems, fuel supply systems, exhaust systems, ignition systems, and emission control systems. Engine diagnosis and service procedures will also be studied. Requisites: PR, TECS 120.

240 Plastic Processes (3) This course is designed to study the materials and processes used in the plastic industries. Material and processes will be studied both in the classroom and in the laboratory.

260 Metal Processes (3) Advanced metal technology with practice in machine tool processes, basic metallurgy, measurement and layout, product design, metal casting, abrasives, fitting, and assembly. Requisites: PR, TECS 180.

277 Early Field Experience (1-3) This course has been designed to provide technology education majors with observation and participation experience in their area of specialization. Pass/No Credit.

280 Wood Processes (3) This course provides for the study of the machine processes and materials related to wood industries. The safe use and care of machine tools are stressed. Laboratory activities provide opportunity for students to apply content. Requisites: PR, TECS 180.

301 Introduction to Instructional Technology (3) The Introduction to Instructional Technology course teaches students about current educational technologies and effective strategies for integrating technology in the classroom. Topics covered include web applications, media technology, online resources, online learning, mobile learning, assistive technology, interactive technologies, Internet safety, copyright and fair use, and interactive gaming. Throughout the course, students will demonstrate technology proficiency through weekly assignments, projects, a teaching lesson, and a scholarly essay.

302 Electronic Equipment Construction and Repair (3) A study in the theory and application of the contemporary electronic circuitry. Circuit development, circuit interaction, and circuit malfunctions are analyzed through laboratory experiments. Requisites: PR, TECS 370.

303 STEM Practices in Elementary Education () An introduction to the study of Science, Technology, Engineering, and Mathematics (STEM) within the K-8 environment. The STEM Practices in Elementary Education course will engage participants in developing a meaningful understanding of problem-based approaches to teaching, learning, and the integration of STEM practices across the curriculum using appropriate technology. Participants will demonstrate their skills through the development and creation of a problem-based, applied learning laboratory experiences. Laboratory knowledge, skills, and units include: Introduction to STEM, Design Process/Problem Solving, Scientific Method, 3D Concept and Rapid Prototyping, Design and Build, Energy, Pressure, Electronics, Simple Machines, Coding/Robotics, and student developed STEM lessons.

310 Manufacturing Graphics (3) Development of drawing skills by the use of advanced problems. Laboratory experiences include design, production drawings, surface intersections, developed views, gears and cams, inking, and reproduction. Requisites: PR, TECS 200 or equivalent.

312 Graphic Communication Techniques () A specialized examination of the graphic communication industry concepts, principles, and techniques including project-based applications in print production, digital layout, photography, videography, and web design using the Adobe design applications and other graphic communication technologies.

314 Furniture/Cabinet Construction & Finishing (3) This course shall be an in-depth study of sources, procedures, and selection of wood materials and equipment. It provides for study of period and contemporary furniture as well as demonstrating advanced cabinet and furniture construction. The study and applications of material finishing is incorporated into the course as well. Requisites: PR, TECS 280.

315 Plastics II (3) Plastic materials and processes will be studied in depth. Laboratory experiences will consist of project development through mold making as well as charting molding cycles through experimentation. Requisites: PR, TECS 240.

318 Introduction to Computer-Aided Drafting (3) This course is designed to help drafting students develop the knowledge, skills, and attitudes required to begin work at the job-entry level in such positions as: CAD technician trainee, CAD system operator, or CAD technician. The course is designed for students who have received in-depth training in one or more application areas, such as architectural, mechanical, drafting, etc. Requisites: PR

319 Digital Computer Circuits (2) Designed to acquaint the student with contemporary digital electronic systems. Topics include gates, registers, codes, encoders, decoders, and counters. Requisites: PERM.

325 Welding II (OXY Acetylene) (3) In-depth study of the OXY acetylene welding and cutting processes. Ferrous and non-ferrous metallurgy will be studied. Requisites: PR, TECS 119.

326 Welding II (ARC) (3) Study of ARC welding processes with aluminum, stainless steel, hard surfacing, carbon ARC, cast iron, TIG, etc. Requisites: PR, TECS 119.

331 Machine Tool Operations (3) Development of advanced machining skills through the use of standard machine tools, layout procedures, measuring instruments, inspection techniques, and process planning. Requisites: PR, TECS 260.

341 Automotive Drive-train Systems (3) A study of the operation and repair of clutches, brakes, transmission, differentials, and axles. Also included are steering suspension, front end alignment, and balancing. Requisites: PR, TECS 220.

350 Screen Process Printing (3) An in-depth study of screen printing processes used in industry. Includes hands-on experiences in hand-cut and photographic methods of screen printing. Requisites: PR, TECS 212.

351 Material Finishing (3) This course is designed to provide an opportunity for the student to develop skills and an understanding of basic techniques of material finishing. Additional information will be provided on selection and application of various materials. Requisites: PR, TECS 280.

355 Computer-Aided Drafting (3) Students will develop knowledge and skills in computer-aided drafting through study of concepts, principles, terminology, as well as hands-on experience with state-of-the-art CAD hardware. Requisites: PR, six hours of drafting or equivalent.

360 Jigs and Fixtures (3) A study of tool design, which deals with the process of designing and developing those special tools, methods, and techniques necessary to improve manufacturing efficiency and productivity. Requisites: PR, TECS 260.

370 Electronic Systems and Instrumentation (3) The study of the theory and operation of contemporary electronic circuits using instrumentation as the foundation of understanding. Passive and active devices will be analyzed as to their functional applications. Requisites: PR, TECS 120.

375 Robotics: Engineering Problem Solving (3) This is a problem-based course designed for students interested in the high technology aspect of robotic and automated systems. Industry-based robot and student designed systems are used extensively. Problem solving techniques are used to design and engineer remote controlled and autonomous robotic systems. Requisites: PR, TECS 120, TECS 130, TECS 180.

380 Construction Materials and Testing (3) This course is designed to provide students with an opportunity to study production materials, their uses, properties and application. Material testing, both destructive and non-destructive are also incorporated within this course. Requisites: PR, TECS 280.

382 Construction Estimating and Scheduling () Construction cost reporting, estimating and control, construction planning,

both long-term and short-interval, construction scheduling, monitoring, and control along with computer applications. Successful construction companies have an understanding of the inner relations of labor production, cost control and schedule management. The class will use a series of problems and activities that have both individual and team components to define and develop these skills. In each activity, a real problem will be presented. Class discussions and lectures will prepare students to complete the assignment with some additional outside research. Class time will be split between lectures, which are designed to define and understand activities involved with scheduling and project facilitation and problem solving activities that will reinforce topics of the lectures.

385 Construction Planning and Design (3) This construction course provides an overview of contemporary design principles and practices. Emphasis will be placed on design criteria, specifications, components, enhancement elements, and construction systems. Requisites: TECS 200, TECS 380.

390 Instructional Technology for Elementary School (3) This 3-credit hour course provides an overview of integration of instructional media and technology into elementary and middle school programs. Requisites: PR, MIS 101 or equivalent, TECS 290, and admitted to Teacher Education Program.

391 Technology in Society (3) An extensive study of technology and the impact that it has on human society. This course will examine, discuss, and explore the materials, processes, innovations, and applications of technology and the various perspectives and issues associated with the role of technology in global society.

395 Instructional Technology for Secondary Educators (3) This 3-credit hour course provides an overview of integration of instructional media and technology into middle and secondary school programs. Requisites: PR, TECS 290.

400 Solar Heating and Cooling Principles and Practices (3) This course concerns itself with solar energy as an alternative primary energy source. Practical discussion topics are centered on active, as well as passive, solar systems.

406 Problems in Technology Studies + (1-3) Definite structured daily activities in the areas of construction, manufacturing, visual communications, materials and processes, power, and energy. Requisites: PERM.

412 Introduction in Multimedia (3) This course presents an introduction to multimedia technologies and applications. The course is designed to allow students with no previous experience as well as those with experience to extend their competencies in the use of visual, audiovisual, computer, multimedia, and hypermedia materials. Requisites: junior or senior standing.

415 Construction Graphics (3) Laboratory experiences include planning and drawing working drawings for a residence. Problems covered are building codes, architectural standards, materials, styles, and finance. Requisites: PR, TECS 200 or equivalent.

417 Lithography (3) This course will provide comprehensive experience in photo-offset lithography using a small offset press. Course includes process camera work, stripping techniques, offset press plate-making, press make-ready, operation adjustments, and maintenance. Requisites: PR, TECS 212.

420 Fluid Systems: Hydraulics and Pneumatics (3) The study of the methods and principles utilized in transmitting power through the use of hydraulics, pneumatics, and fluids. Circuit design, ANSI symbols, and circuit schematics will be emphasized. Requisites: PR, TECS 120.

422 Introduction to Hypermedia/Hypertext (3) An in-depth study of color photography materials and processes. Includes exposing and processing of color slides and negatives, printing, and mounting of color prints from slides and negatives. Requisites: PR, TECS 212.

425 Electronic Communication (3) Designed for students interested in the technology of electronic communication systems. Material to be covered includes amplitude modulation, frequency modulation, television, satellite communication, and fiber optic systems. Requisites: PR, TECS 110, TECS 120.

430 Computer-Aided Manufacturing (3) This course deals with the operation and programming of machines which are controlled by a computer. This course develops entry-level skills and provides theory of computer numerical control (CNC). Requisites: PR, TECS 200, TECS 260.

432 Automotive Computer Systems (2) This course is a study of the automobile computer and the ways in which the computers manage the operation of the automobile. The background necessary to understand the operation and input and output devices used in controlling the functions of the automobile will be included. Requisites: PERM.

435 Trade and Job Analysis (2) The study of and practice in the use of analysis techniques for instructional purposes.

437 Visual Communications Color Photography (3) An in-depth study of color photography materials and processes. Includes exposing and processing of color slides and negatives, printing, and mounting of color prints from slides and negatives. Requisites: PR, TECS 110, TECS 212.

440 Maintenance and Repair of Equipment (3) This course is designed to meet the needs of industrial personnel in industry and education. Pre-planned experiences are designed to provide the student with information for maintenance of hand tools and industrial machines, with some emphasis on preventive maintenance. Requisites: PR, TECS 119, TECS 240, TECS 260, TECS 280.

445 Civil Drafting (3) This course is designed for students to develop an understanding of civil concepts and to learn operations of 3D civil software and its applications. The purpose of this course is to provide students with an opportunity to explore advanced features associated with the operations of AutoCAD 3D civil software and apply it to assignments in the civil drafting industry. This course is designed to help Engineering Design Technology students develop the knowledge, skills, and attitudes

re- quired to do upper level CAD operations in positions as a CAD designer, CAD systems operator or 3D CAD modeler. Civil Drafting will also aid Construction Management students in understanding building layouts, plot/site layouts, and tools used in the civil construction/drafting industry. Requisites: PR, TECS 318.

450 Recreational Activities in Older Adulthood (2) This course has been designed to acquaint the students with the necessary background and experience to work with older adults in developing activities that can be used after retirement. Requisites: PR, junior standing.

455 Adaptive Home Maintenance for Older Adults (2) This course has been designed to provide students with the necessary education and experience to be able to identify minor and major maintenance and repair needs around the home, to be able to per- form minor repairs before they became major. Requisites: PR, junior standing.

460 Teaching Technology & Engineering Education (3) This capstone course is designed for students completing the Technology and Engineering Education concentration students considering the Transition to Teaching program, and students in the Career and Technical Education field. The course focuses on preparation for student teaching and/or entering the teaching profession. Topics covered in the course include the technology and engineering education profession, career and technical education, engineering education, teaching preparation, safety, effective teaching strategies, and professionalism. Throughout the course, students will demonstrate proficiency through weekly assignments and a series of teaching lessons from a variety of lab environments.

465 Curriculum Modules (2) This course is designed to acquaint teachers with the philosophy, methods, laboratory activities, and instructional materials necessary to successfully implement and teach in an integrated, multiple, modular setting. Requisites: junior or senior standing.

470 Power and Energy Research and Development (4) De- signed for students interested in researching a specific topic in the power and energy field. Depth of study is based upon student's knowledge; breadth is based upon student's commitment. Requisites: junior or senior standing.

475 Mechanical and Electrical Systems (3) A study of the de- sign characteristics required for successfully knowing and understanding mechanical and electrical systems within a construction environment. Requisites: PR, TECS 385, TECS 415.

480 Industrial Management (3) This course is designed to acquaint students with the engineering, methods, and management aspects of business and industry in order that they may be able to establish industrial goals efficiently and effectively. Requisites: junior or senior standing.

483 Manufacturing Design and Production (3) A practical study of modern manufacturing methods with hands-on

experiences in product development, parts production, assembly, finishing, and inspection. Requisites: PR, TECS 331, TECS 430.

484 Site Preparation and Foundation (3) This course is designed to acquaint students with site and foundation practices. Students will be exposed to construction equipment and will become familiar with job-site safety and working conditions. Stu- dents will gain proficiencies in building design, print reading, and surveying instruments and operation. The students will be introduced to work-related experiences on foundation and/or slab construction. Ultimately, students will be exposed to and practice construction management skills utilizing onsite supervisors. Requisites: PR, TECS 200.

485 Building Construction (3) This course is designed to pro- vide opportunities for the student to develop skills and techniques necessary in selection, placement, and fabrication of materials used in light construction. Principles of good construction as well as regulatory agencies will be discussed. Requisites: PR, TECS 380, TECS 415.

490 Occupational Safety, Health, and Liability (2) This course has been designed to acquaint students with the legal issues pertaining to industrial safety, elements of liability and negligence, and the regulations established by OSHA. Requisites: junior or senior standing.

495 Training and Instructional Systems (3) This course is an application course designed to develop an understanding of the skills essential for successful development and presentation of technical instructional training programs in business and industrial environments. Requisites: junior or senior standing.

499 Internship (9) Students will be able to obtain an internship in one of four types of business and industry: (1) engineering design technology; (2) manufacturing technology; (3) construction management or construction technology; an (4) power, energy, and transportation technology. This internship will help students gain confidence by giving them the opportunity to apply their academic skills in a business or industry environment.

Undergraduate/Graduate Credit

601 A+ Certification for Computer Maintenance (3) This course is a study of the knowledge, skills, and practices needed to become A+ Certified in the field of computer maintenance. Through a "hands-on" approach, students will learn problem solving and maintenance techniques while upgrading, building and repairing PCs. Through presentations and internet research, students will stay intelligently informed about the ever changing computer industry. Requisites: PR, Senior

603 Instructional Media + (1-3) Students will develop a competence in utilizing media materials to instructional goals; operation and care of equipment; sources, selection, and evaluation of software; and production of software.

605 Industrial Drafting Techniques and Problems (3) Development of advanced drawing skills through use of special topic drafting problems similar to those encountered by draftsmen in industry. Includes advanced technical and

experimental work, computer-aided drafting applications.
Requisites: PR, TECS 200.

606 Technology Issues (1-3) Definite structured daily activities in the areas of construction, manufacturing, visual communications, materials, and processes, power and energy.
Requisites: PR, Permission Required.

610 Advanced Computer-Aided Drafting (3) This course is designed to help drafting students develop the knowledge, skills, and attitudes required to begin work at the job- entry level in such positions as: CAD technician trainee, CAD system operator, or CAD technician. The course is designed for students who have received in-depth training in one or more application areas, such as architectural, mechanical, drafting, etc. Requisites: PR, TECS 355.

620 Principles of Technology I (3) This course has been designed to provide teachers with the philosophy and methodology of teaching an integrated curriculum of science, math, and technology to high school students. This is the first of three courses required for teacher certification.

621 Principles of Technology II (3) A continuation of Principles of Technology I designed to provide teachers with the philosophy and methodology of teaching an integrated curriculum of science, math, and technology to high school students.

630 Engine Analysis, Fuel, and Electrical (3) An advanced course for students who desire study of the theory, operation, maintenance, testing, evaluation, and troubleshooting of the fuel and electrical systems of automobiles. Requisites: PR, TECS 220.

640 Laboratory Set-Up and Organization (3) This course is designed to meet the needs of industrial personnel in industry and education. Pre-planned experiences are designed to provide the student with information for maintenance of hand tools and industrial machines, with some emphasis on preventive maintenance. Requisites: PR, TECS 119, TECS 128, TECS 260, TECS 280.

690 Safety Education (3) This course has been designed to acquaint students with the legal issues pertaining to industrial safety, elements of liability and negligence, and the regulations established by OSHA. Requisites: PERM.

Graduate Credit

All Graduate level courses have a requisite of Graduate Standing.

801 IT Essentials I: PC Hardware and Software (3) This course is an in-depth exposure to computer hardware and operating systems. Students learn the functionality of hardware and software components as well as suggested best practices in maintenance, and safety issues. Through hands-on activities and labs, students learn how to assemble and configure a computer, install operating systems and software, and troubleshoot hardware and software problems. In addition, an introduction to

networking is included. This course helps students prepare for CompTIA's A+ certification.

802 IT Essentials II: Network Operating Systems (3) This course is an intensive introduction to multi-user, multi-tasking network operating systems. Characteristics of the Linux, Windows 2000, NT, and XP network operating systems will be discussed. Students will explore a variety of topics including installation procedures, security issues, backup procedures and remote access.

803 Issues in Instructional Media + (1-3) Students will develop a competence in utilizing media materials to instructional goals; operation and care of equipment; sources, selection, and evaluation of software; and production of software.

820 Methods of Research (3) A study of systematic approaches to the types, methods, and techniques utilized in identification, selection, testing, and reporting of educational research problems.

830 School Shop Safety (3) Designed to meet the needs of the industrial arts instructor who recognizes the importance of safety education as an intricate part of the shop program.

850 Instructional Aids for the Laboratory (2) Construction study and use of instructional aids in laboratory teaching.

860 Teaching Techniques and Course Organization (3) Techniques employed in developing and evaluating course content and curricular materials.

870 Workshop + (1-3) Intensive study of some phase of industrial arts. Requisites: PERM of department chair.

874 Individual Studies of Technology + (3) Independent study of specialized problems concerning design, material selection, and fabrication in a specified area of technology. Requisites: PERM.

875 Organization of Multiple Activities in Technology Education (3) Techniques, laboratory activities, and instructional material used in the teaching of a multiple activity program.

880 History and Philosophy of Technology Education (3) A study of the historical development of technology education.

890 Research in Technology Studies + (1-4) Problems assigned to students on an individual basis of special interest to them.

899 Thesis (2-6) Individual study of a selected problem relating to technology.

+Course may be repeated

#Lab required

PERM: Permission

PR: Prerequisite

Department of Biological Sciences

For updated information, see our website at www.fhsu.edu/biology.

The Department of Biological Sciences offers a curriculum that provides students with the opportunity to enter a variety of careers in the areas of biology, natural resources, medical, and health fields. New students are assigned an academic advisor with expertise in a specific discipline or career area, who, along with the student, develops an individual program of study that will meet the necessary academic requirements. The department offers three B.S. degree options with numerous areas of major study and several pre- professional curricula. Each of these is described in detail elsewhere in this section of the catalog. Also, brochures are available from the departmental office describing in detail the various areas of study with examples of programs for certain majors.

Department of Biological Sciences Faculty & Staff

See department page online for full listing

Bachelor of Science: Biology (Education)

Bachelor of Science in Biology – Secondary Education

1. Biology Core (42 Hours)

Required:

BIOL 180/180L	Principles of Biology/Lab*	4	F S
BIOL 230/230L	Anatomy and Physiology I/Lab	4	F S
BIOL 231/231L	Anatomy and Physiology II/Lab	4	F S
BIOL 235	Early Field Experience	1	F S
BIOL 250/250L	Botany/Lab	4	F S
BIOL 260/260L	Zoology/Lab	4	F S
BIOL 325/325L	Genetics/Lab	4	F S
BIOL 490/490L	General Microbiology/ Lab	4	F S
BIOL 499	Global Environmental Issues	3	F S
BIOL 420	Evolution	3	F
BIOL 395/395L	Ecology	4	S
BIOL 3XX or above	Upper-division elective	3	F S

*Counts towards General Education and the Biology major.

2. Discipline Writing Course Graduation Requirement (3 hours)

BIOL 442	Scientific Communication	3	F
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3. Required Science Cognates (25 Hours)

Chemistry

CHEM 120/120L	University Chemistry I/ Lab	5	F
CHEM 122/122L	University Chemistry II/ Lab	5	S
CHEM 480	Laboratory Safety	1	S

Mathematics

MATH 110	College Algebra*	3	F S
MATH 331	Calculus Methods	3	F S
STAT200	Statistics	3	F S

*Counts towards General Education and the Biology major.

Physics

PHYS 111/111L	Physics I/Lab	5	F
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4. Required Education Courses (33 Hours)

Required:

TEEL 202	Foundations of Education1	3	F S
TEEL 231	Human Growth and Development1	3	F S
TESP 302	Educating Students with Exceptionalities1	3	F S
TECS 301	Introduction to Instructional Technology1	3	F S
TEEL 431	Educational Psychology2	3	F S
TESS 494	Secondary School Experience2	4	F S
TESS 496	Directed Teaching- Secondary2	12	F S
TESS 406	Science Teaching Methods	2	S

1Taken before admission to teacher education program.

2Taken after admission to teacher education program.

5. Earn a minor (20-21 hours)

Recommendations: (other minors are possible; talk to your faculty mentor and academic advisor)

Agriculture	20 hours
Chemistry	20 hours
GeoSciences	20 hours
Psychology	21 hours
Criminal Justice	21 hours

F = Fall Offering, S = Spring Offering

**YOU MUST COMPLETE 150 CREDIT HOURS TO EARN YOUR BIOLOGY and EDUCATION
BACHELOR'S DEGREE.**

Bachelor of Science: Biology (General Biology)

Bachelor of Science in Biology - General

1. Biology Core (16 Hours)

Required:

BIOL 180/180L*	Principles of Biology/Lab	4	F S
BIOL 325/325L	Genetics/Lab	4	F S
Take two of the following:			
BIOL 250/250L	Botany/Lab	4	F S
BIOL 260/260L	Zoology/Lab	4	F S
BIOL 490/490L	General Microbiology/ Lab	4	F S

*Counts towards General Education and the Biology major.

2. Structure and Function Requirement (8 hours)

Take two of the following:

BIOL 230/230L*	Anatomy & Physiology I/ Lab	4	F S*
BIOL 231/231L*	Anatomy & Physiology II/ Lab	4	F S*
BIOL 330/330L	Plant Anatomy/Lab	4	F
BIOL 345/345L	Human Anatomy/Lab	4	F S
BIOL 346/346L	Human Physiology/Lab	4	F S
BIOL 450/450L	Comparative Anatomy/Lab	4	F (odd)
BIOL 495/495L	Plant Physiology/Lab	4	S

*BIOL 230/230L and BIOL 231/231L must be taken in combination

3. Additional Process Class (minimum 3 hours)

Take one of the following:

BIOL 395/395L	Ecology/ Lab	4	S
BIOL 435	Cellular Biology	3	S
BIOL 420	Evolution	3	F

4. Upper-Division Requirements (18-24 hours required)

Take any of courses with "BIOL" prefix and 300 level or above from either the list below or courses listed above that were not used to meet the requirements for that section. Courses other than those listed may be available. Talk to your faculty mentor and academic advisor. The number of credit hours completed in this section, depends on the number of credit hours completed in sections 3, 6, 7, and 8.

BIOL 401	Virology	3	S (odd)
BIOL 470/471	Problems in Biology	1-4	F S
BIOL 476	Internship in Biology	1-3	F S
BIOL 482	Readings in Biology	1-3	F S
BIOL 610/610L	Taxonomy Flowering Plants	4	F
BIOL 619/619L	Aquatic Ecology	4	F (odd)
BIOL 627	Behavioral Ecology	3	S (even)
BIOL 642/642L	Parasitology	4	S (odd)
BIOL 644/644L	Embryology	4	F (even)
BIOL 648	Immunology	3	F
BIOL 665	Biodiversity & Conserve. Biol.	3	S
BIOL 672/672L	Statistical Applications	4	S (even)
BIOL 675	Microbiology of the Pathogens	3	S (even)

5. Discipline Writing Course Graduate Requirement (3 hours)

BIOL 442	Scientific Communication	3	F
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6. Chemistry Cognates (6-10 Hours)

Take two of the following:

CHEM 120/120L	University Chemistry I/ Lab	5	F
CHEM 122/122L	University Chemistry II/ Lab	5	S

Or:

CHEM 112/112L	General Chemistry I/ Lab	4	F
CHEM 114/114L	General Chemistry II/ Lab	4	S

7. Mathematics Cognates (minimum 6 Hours)

Mathematics

Take one course in Statistics:

MATH 250	Elements of Statistics	3	F S
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OR:

BIOL 620/620L	Biostatistics/Lab	4	F
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Take one course in Quantitative Analysis:

MATH 331*	Calculus Methods	3	F S
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OR:

MATH 112	Plane Trigonometry	3	F S
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*Counts towards General Education and the Biology major.

8. Earn a minor (20-21 hours)

Recommendations: (other minors are possible; talk to your faculty mentor and academic advisor)

Agriculture	20 hours
Chemistry	20 hours
GeoSciences	20 hours
Psychology	21 hours
Criminal Justice	21 hours

F = Fall Offering, S = Spring Offering

YOU MUST COMPLETE 120 CREDIT HOURS TO EARN A BACHELOR'S DEGREE.

Bachelor of Science: Biology (Health Professions)

1) Bachelor of Science in Biology – Health Professions (120 Credit Hours)

FALL 2023

2) Biology Core (16 Hours)

Required:

BIOL 180/180L*	Principles of Biology/Lab	4	F S
BIOL 325/325L	Genetics/Lab	4	F S

Take **two** of the following:

BIOL 250/250L	Botany/Lab	4	F S
BIOL 260/260L	Zoology/Lab	4	F S
BIOL 490/490L	General Microbiology/Lab	4	F S

*Counts towards General Education and the Biology major.

3) Structure and Function Requirement (8 hours)

Take **two** of the following, at least one of which must be a physiology course:

BIOL 330/330L	Plant Anatomy/Lab	4	F
BIOL 345/345L	Human Anatomy/Lab	4	F S
BIOL 346/346L	Human Physiology/Lab	4	F S
BIOL 450/450L	Comparative Anatomy/Lab	4	F (odd)
BIOL 495/495L	Plant Physiology/Lab	4	S

4) 3. Additional Process Class (minimum 3 hours)

Take one of the following:

BIOL 395/395L	Ecology	4	S
BIOL 435	Cellular Biology	3	S
BIOL 420	Evolution	3	F

5) 4. Upper-Division Requirements (11-28 hours)

Take any of courses with "BIOL" prefix and 300 level or above from either the list below or courses listed above that were not used to meet the requirements for that section. Courses other than those listed may be available. Talk to your faculty mentor and academic advisor. The number of credit hours completed in this section, depends on the number of credit hours completed in sections 3, 6, and 7.

BIOL 401	Virology	3	S (odd)
BIOL 470/471	Problems in Biology	1-4	F S
BIOL 476	Internship in Biology	1-3	F S
BIOL 482	Readings in Biology	1-3	F S

BIOL 627	Behavioral Ecology	3	S (even)
BIOL 642/642L	Parasitology	3	S (odd)
BIOL 644/644L	Embryology	4	F (even)
BIOL 648	Immunology	3	F
BIOL 675	Microbiology of the Pathogens	3	S (even)

6) 5. Discipline Writing Course Graduation Requirement (3 hours)

BIOL 442	Scientific Communication	3	F
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7) 6. Cognates- Chemistry & Physics (30-40 hours)

(In consultation with advisor/mentor, depending on professional school requirements. Ask your advisor about a Chemistry minor.)

General Chemistry (10 hours)

CHEM 120/120L	University Chemistry I/ Lab	5	F
CHEM 122/122L	University Chemistry II/ Lab	5	S

Organic Chemistry elective (minimum 5 hours)

CHEM 304/304L	Essentials of Organic Chemistry/Lab	5	F
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Or:

CHEM 340/340L	Organic Chemistry I/Lab	5	F
CHEM 342/342L	Organic Chemistry II/Lab	5	S

Biochemistry elective (minimum 5 hours)

CHEM 360/360L	Essentials of Biochemistry/Lab	5	S
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Or:

CHEM 662/662L	Biochemistry I/ Lab	5	F
CHEM 664/664L	Biochemistry II/Lab	5	S

Physics (10 hours)

Take:

PHYS 111/111L	Physics I/Lab	5	F
PHYS 112/112L	Physics II/Lab	5	S

OR:

PHYS 211/211L	Physics for Sci and Engr. I/Lab	5	F S
PHYS 212/212L	Physics for Sci and Engr. II/Lab	5	F S

8) 7. Cognates - Mathematics (minimum 6 hours)

Take one course in Statistics:

MATH 250	Elements of Statistics	3	F S
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OR:

BIOL 620/620L	Biostatistics/Lab	4	F
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Take one course in Quantitative Analysis:

MATH 331	Calculus Methods*	3	F S
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OR:

MATH 122	Plane Trigonometry	3	F S
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*Counts towards General Education and the Biology major.

F = Fall Offering, S = Spring Offering

YOU MUST COMPLETE 120 CREDIT HOURS TO EARN A BACHELOR'S DEGREE.

Bachelor of Science: Biology (Natural Sciences)

1. Biology Core (15-16 Hours)

Required:

BIOL 180/180L*	Principles of Biology/Lab	4	F S
BIOL 250/250L	Botany/Lab	4	F S
BIOL 260/260L	Zoology/Lab	4	F S

Take one of the following:

BIOL 325/325L	Genetics/Lab	4	F S
BIOL 420	Evolution	3	F

*Counts towards General Education and the Biology major.

2. Structure and Function Requirement (8 hours)

Take two of the following, at least one of which must be a Physiology course:

BIOL 230/230L*	Anatomy & Physiology I/Lab	4	F S*
BIOL 231/231L*	Anatomy & Physiology II/Lab	4	F S*
BIOL 330/330L	Plant Anatomy/Lab	4	S
BIOL 345/345L	Human Anatomy/Lab	4	S

BIOL 346/346L	Human Physiology/Lab	4	F
BIOL 450/450L	Comparative Anatomy/Lab	4	F (odd)
BIOL 495/495L	Plant Physiology/Lab	4	F

*BIOL 230/230L and BIOL 231/231L must be taken in combination

Additional Process Class (4 hours)

Required:

BIOL 395/395L	Ecology/Lab	4	S
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3. Upper-Division Requirements (13-23 hours)

Take any of courses with "BIOL" prefix and 300 level or above from either the list below or courses listed above that were not used to meet the requirements for that section. Courses other than those listed may be available. Talk to your faculty mentor and academic advisor. The number of credit hours completed in this section, depends on the number of credit hours completed in sections 1, 3, 6, 7, and 9.

BIOL 470/471	Problems in Biology	1-4	F S
BIOL 476	Internship in Biology	1-3	F S
BIOL 482	Readings in Biology	1-3	F S
BIOL 490/490L	General Microbiology	4	F S
BIOL 610/610L	Taxonomy Flowering Plants	4	F
BIOL 619/619L	Aquatic Ecology	4	F (odd)
BIOL 621	Human Dimensions Wildlife	3	S (odd)
BIOL 627	Behavioral Ecology	3	S (even)
BIOL 634	Range. Restoration Conserv.	3	S (odd)
BIOL 637	Contemp. Rangeland Issues	3	S (even)
BIOL 638/638L	Range. Plant Ecology	4	F (odd)
BIOL 642/642L	Parasitology	4	S (odd)
BIOL 643/643L	Entomology	4	F
BIOL 650/650L	Ornithology	4	S
BIOL 651/651L	Mammalogy	4	F
BIOL 660/660L	Herpetology	4	S (even)
BIOL 665	Biodiversity & Conserv. Biology	3	S

4. Discipline Writing Course Graduate Requirement (3 hours)

BIOL 442	Scientific Communication	3	F
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5. Management (4 hours)

Take one management course:

BIOL 695/695L	Range Management	4	F(even)
BIOL 697/697L	Wildlife Management	4	S(even)
BIOL 699/699L	Fisheries Management	4	S(even)

6. Chemistry Cognates (6-10 hours)

CHEM 120/120L	University Chemistry I/ Lab	5	F
CHEM 122/122L	University Chemistry II/ Lab	5	S
Or:			
CHEM 112/112L	General Chemistry I/ Lab	4	F
CHEM 114/114L	General Chemistry II/ Lab	4	S

7. Mathematics and Statistics Cognates (7 hours)

BIOL 620/620L	Biostatistics/Lab	4	F
MATH 110	College Algebra*	3	

*Counts towards General Education and the Biology major.

8. Earn a minor take electives of your choice (20-21 hours)

Recommendations: (other minors are possible; talk to your faculty mentor and academic advisor)

Agriculture	20 hours
GeoSciences	20 hours

F = Fall Offering, S = Spring Offering

YOU MUST COMPLETE 120 CREDIT HOURS TO EARN A BACHELOR'S DEGREE.

Course Listings – Biological Sciences

Undergraduate Credit

100 Human Biology* (3) An introductory course using fundamental concepts of human structure and function as the starting point for the exploration of principles of processes common to all living systems and the interrelationships between humans and the rest of the biosphere.

102 Laboratory Experiences in Biology* (1) A laboratory and field course centered on fundamental experiences in the biological sciences. Requisites: optional PR or co-requisite, BIOL 100, BIOL 200, or BIOL 300.

140 Basic Anatomy and Physiology () Structure and function of the human body.

140L Basic Anatomy and Physiology Laboratory

150 Introduction to Biology and Health (3) This course is an introductory course using the fundamental concepts of human structure and function as the starting point for the exploration of principles of processes common to all living systems and the interrelationship between humans and the rest of the biosphere.

180 Principles of Biology # (3) Biological principles common to both plants and animals: physiochemical bases of life from molecular to organismal levels; interactions of organisms and environment; concepts of genetics and evolution. Requisites: co-requisite, BIOL 180L.

180L Principles of Biology Laboratory (1) A laboratory course designed to provide biology majors with a range of experimental and observational experiences in the biological sciences that will prepare them for the various biology courses to follow. Requisites: co-requisite, BIOL 180.

200 Humans and the Environment* (3) The ecosystem, the human attitudes and factors affecting the ecosystem, and alternatives to the present situation.

213 Biology and Me () Biology and Me is a course developed to engage students in informed decision-making through an understanding of the scientific process, foundational biological concepts, and how these processes affect their daily lives and overall well-being. Students will engage in focal areas through guided delivery of foundational content, exploration of contemporary scientific literature, peer discussions, self-reflection, and experiential learning through experimentation (in the concurrent Biology and Me - Exploration) to evaluate how an understanding of the life sciences can positively influence their quality of life and that of their communities.

213L Biology and Me Exploration () Biology and Me - Exploration is a laboratory-styled immersive experience centered on developing an understanding of the fundamentals of the scientific method and empirical investigation in life sciences while using these skills to inform well-being. Students will use the scientific process to investigate topics in biology

relevant to literacy in life sciences and in evaluating choices that influence well-being.

230 Anatomy and Physiology I # (3) Selected details of the structure and function of the human integumentary, skeletal, muscular, nervous, and endocrine organ systems are presented. The course is designed to serve students majoring in nursing, athletic training, and allied health fields. Requisites: PR, BIOL 100 or equivalent; co-requisite, BIOL 230L.

230L Anatomy and Physiology I Laboratory (1) Selected details of the structure and function of the human integumentary, skeletal, muscular, nervous, and endocrine organ systems are studied by observation of models, preserved organs, and preserved cats, and by measurements, particularly those that can be made non-invasively. Requisites: Co-requisite, BIOL 230.

231 Anatomy and Physiology II (3) Selected details of the structure and function of the human cardiovascular, lymphatic, respiratory, digestive, urinary, and reproductive organ systems are presented. The course is designed to serve students majoring in nursing, athletic training, and allied health fields. Requisite: BIOL 230, Co-Lab BIOL 231L

231L Anatomy and Physiology II Laboratory (1) Selected details of the structure and function of the human cardiovascular, lymphatic, respiratory, digestive, urinary, and reproductive organ systems are studied by observation of models and preserved organs, and by measurements, particularly those that can be made non-invasively. Requisite: PR, BIOL 230 and BIOL 230L, CR, BIOL 231.

232 Anatomy of Humans Laboratory () Selected details of human anatomy are studied using models, preserved organs and preserved cats.

234 Physiology of Humans Laboratory () Selected details of human physiology are studied by observation and measurement. Emphasis is on those observations and measurements which can be made non-invasively.

235 Early Field Experience: Biology (1) Provides biological science education majors with observation and participatory experience in a classroom environment in their area of specialization. Requisites: PR, PERM.

240 Microbiology for Allied Health # (3) Characteristics and activities of microorganisms and their relation to health and disease. Requisites: PR, BIOL 100., CL, BIOL 240L.

240L Microbiology Lab (2) Requisites: CR, BIOL 240.

245 Medical Terminology (2) Selected common medical terms and their usages. The word-building system for medical terms, including prefixes, suffixes, and abbreviations.

250 Botany # (3) Survey of the plant kingdom; morphological and anatomical aspects of nonvascular and vascular plants. Requisites: PR, BIOL 180; CR, BIOL 250L.

250L Botany Laboratory (1) Requisites: CR, BIOL 250.

260 Zoology # (3) Survey of the animal kingdom, including invertebrates and vertebrates. Requisites: PR, BIOL 180; CL, BI- OL 260L.

260L Zoology Laboratory (1) Requisites: co-requisite, BIOL 260.

300 Human Heredity* (3) Principles underlying the inheritance of characteristics in the human.

315 Insect Natural History () Insect biologies, supported by collection and identification of specimens. Designed to meet the needs of the elementary and secondary teacher.

323 Field Biology # (2) Identification of native Kansas plants and animals and their interrelationships in nature. Requisites: co- requisite, BIOL 323L.

323L Field Biology Lab (1) Requisites: co-requisite, BIOL 323.

325 Genetics (3) An introductory course in genetics, stressing principles and concepts. Requisites: junior standing; PR, BIOL 180; co-requisite, BIOL 325L.

325L Genetics Laboratory (1) Requisites: co-requisite, BIOL 325.

329 Conservation of Natural Resources () The dependence of humans upon natural resources. Role of water, soil, forest, wildlife, rangeland, and minerals in our society.

330 Plant Anatomy # (3) Structure and development of tissues and organs of vascular plants, with emphasis on the spermatophytes. Requisites: PR, BIOL 250; CL, BIOL 330L.

330L Plant Anatomy Lab (1) Requisites: co-requisite, BIOL 330.

334 Plant Morphology () Life histories and structures of plants. Origin and relationships of the various groups.

345 Human Anatomy # (2) Structure of the human body. Requisites: co-requisite, BIOL 345L.

345L Human Anatomy Lab (2) Requisites: co-requisite, BIOL 345.

346 Human Physiology # (3) Functions of the systems of the human body. Clientele: pre-PT, pre-MT, pre-pharmacy, biology majors in the laboratory option. Requisites: PR, Junior Standing or completion of BIOL 260/260L, CHEM 120/120L and CHEM 122/122L.

346L Human Physiology Lab (1) Qualitative and quantitative studies of the functioning of the systems of the human body.

Requisites: PR, BIOL 180, CHEM 120, CHEM 122; co-requisite, BI- OL 346.

350 Global Environmental Complexities () This course begins as an introductory environmental science course that introduces fundamental concepts such as what is science, what is a species, evolution and adaptation, photosynthesis and energy, what are natural resources, what is an environment and what benefits does society gain from the environment, etc. In the second section, once the foundations are established the class moves into looking at how humans historically managed natural resources and the environment and how these management philosophies have changed over time. The final section of the class looks at current and future ecological problems that humans are or will face across the globe. In sections 2 and 3 the focus of the class goes beyond just the science to explore the impacts of technological advancements, global commerce (market demand), governmental regulations, and societal pressure on the global environment as well as environmental injustice and environmental racism.

395 Ecology # (3) Biotic regions of the world with emphasis on the structural and functional aspects of North American ecosystems. Requisites: PR, BIOL 180; co-requisite, BIOL 395L.

395L Ecology Laboratory (1) Requisites: co-requisite, BIOL 395.

401 Virology (3) Study of viruses of animals, plants and bacteria, including their structure, function, evolution and implications for society. Requisites: PR, BIOL 180.

402 Clinical Chemistry () Theory and laboratory study of analytical chemical procedures utilized in medical technology.

403 Clinical Hematology () Blood cell derivation, maturation and function, principles of hemostasis and blood coagulation, and methodology.

404 Clinical Immunology (0-8) Includes immunohematology and serology, blood groups and types, cross matches, blood com- ponents, and laboratory methods. Requisites: PERM.

405 Topics in Medical Technology () Basic principles and practices of the medical laboratory, techniques, and special projects.

410 Allied and Public Health Topics + (1-6) Applications of biological sciences to specific health issues and conditions.

420 Evolution (3) Processes and results of organic evolution. Requisites: PR, BIOL 180.

431 Environmental Botany () Plants in the environment and their impact on humans, domestic animals, and wildlife.

435 Cellular Biology # (3) Structure and function, including physical, chemical, and physiological processes, of cells in both plants and animals. Requisites: PR, BIOL 180.

435L Cellular Biology Lab (1) Requisites: co-requisite, BIOL 435.

442 Scientific Communication () Development of written and oral communication with an emphasis on creating discipline-specific products.

450 Comparative Anatomy # (3) Vertebrate evolution by comparative anatomical methods. Dissection of representative vertebrates. Requisites: PR, BIOL 260; CL, BIOL 450L.

450L Comparative Anatomy Laboratory (1) Requisites: CL, BIOL 450.

457 Seminar in Botany () Special topics in botany are assigned and oral reports made.

458 Seminar in Biology + (1) Presentation of research techniques or discussion concerning concepts of biology.

459 Seminar in Zoology () Scheduled discussion of zoological topics.

470 Problems in Biology + (1-5) Individual study of a non-research problem. Requisites: PR, PERM of academic area advisor.

471 Problems in Biology (Research) + (1-4) To meet the research needs of students within the department. Requisites: PERM of academic area advisor.

474 Problems in Botany (Non-Research) Individual study of a non-research problem.

475 Problems in Zoology (Non-Research) Individual study of a non-research problem.

476 Internship in Biology + (1-3) Course is intended to provide practical experiences in biology.

480 Teaching Methods in Biology (1) Classroom, laboratory, and field techniques used in teaching biology in the secondary school. Requisites: PR, junior standing; admission to Teacher Education required.

482 Readings in Biology + (1-3) Readings and written reports on special topics in biology. Requisites: PERM.

483 Readings in Botany () Readings and written reports on special topics.

485 Readings in Zoology () Individual reading in specified areas of zoology.

490 General Microbiology # (3) Microbial ecology and the molecular biology of microorganisms, including metabolism, genetics, and biotechnology are discussed. Requisites: PR, BIOL 180/180L, CL, BIOL 490L.

490L General Microbiology Laboratory (2) Requisites: CR, BIOL 490.

495 Plant Physiology # (3) Life processes and how they relate to the total activity of the plant body. Absorption, photosynthesis, transpiration, respiration, translocation, growth,

and reproduction. Requisites: PR, BIOL 250, CHEM 120; co-requisite, BIOL 495L.

495L Plant Physiology Lab (1) Requisites: co-requisite, BIOL 495.

Undergraduate/Graduate Credit

606 Scanning Electron Microscopy-Theory and Operation () Designed to teach the theory and operation of the scanning electron microscope through hands-on training on the instrument. Laboratory training will include the preparation of specimens through an individualized project selected by the student.

607 Topics in Biology + (1-3) Specific topics in biology. Requisites: PERM.

607L Topics in Biology Lab () Specific topics in Biology (lab).

610 Taxonomy of Flowering Plants # (3) Primarily the classification, identification, and nomenclature of flowering plants. Some ferns and conifers are also studied. Field trips. Requisites: PR, BIOL 250; co-requisite, BIOL 610L.

610L Taxonomy of Flowering Plants Laboratory (1) Primarily the classification, identification, and nomenclature of flowering plants. Some ferns and conifers are also studied. Field trips. Requisites: co-requisite, BIOL 610.

619 Aquatic Ecology # (1) The value of freshwater resources, and the abiotic and biotic processes that determine community structure and function of organisms that inhabit inland waters. Students will become familiar with anthropogenic influences on and the ecosystem services provided by a diversity of aquatic systems through lecture and group activities.

619L Aquatic Ecology Lab (2) Standard terminology and techniques used to characterize water quality, quantify a diversity of stream habitats, and ecological processes in lakes, streams, and wetlands. Identification, observation, and quantification of important taxa used as ecological indicators of ecosystem processes through the use of structured investigative laboratories and field research projects.

620 Biostatistics (3) Statistical concepts with emphasis on measurement and interpretation of biological data and appropriate experimental designs. Requisites: PR, MATH 110, CR, BIOL 620L.

620L Biostatistics Lab (1) Requisites: Co-requisite: BIOL 620.

621 Human Dimensions in Wildlife (3) Concepts and theories associated with human wildlife interactions in management and conservation of wildlife fisheries and rangelands.

627 Behavioral Ecology (3) Understanding animal behaviors in the context of ecological and evolutionary processes. Examples from various groups will address how animal social behavior

and mating strategies reflect the environments in which they live. Requisites: PR, BIOL 395.

628 Ecological and Wildlife Techniques (3) Methods used in ecology and wildlife management. Requisites: PR, BIOL 260 and BIOL 395.

629 Agrostology (3) Classification, identification, and nomenclature of range and world grasses. Grass evolution and fossil grasses are also studied. Field trips. Requisite: PR, BIOL 250.

632 Dendrology (3) Classification, identification and nomenclature of trees, shrubs, and woody vines. Field trips. Requisites: PR, BIOL 250.

634 Rangeland Restoration and Conservation (3) Restoration is the process of assisting the recovery of an ecosystem that has been degraded or damaged. The understanding of processes and structures in natural systems will be used to inform practices used to restore naturally and anthropogenically disturbed sites.

636 Ecological and Range Techniques (3) Theory of sampling in plant ecology and range management. Techniques of measuring forage production, forage utilization, and habitat factors. Requisites: PR, BIOL 395.

637 Contemporary Rangeland Issues (3) A review of all methods of range ecosystem evaluation in different types of the U.S. and world. Requisites: PR, BIOL 695.

638 Range Plants (3) Identification, nutritive value, and ecology of range plants, both forage producers and poisonous species. Requisites: PR, BIOL 610 or PERM.

638L Rangeland Plant Identification Lab (1) Concurrent laboratory experience for students enrolled in Range Plants. Topics studied will include rangeland plant characteristics and identification. Requisites: BIOL 610 or permission and co-requisite of BI- OL 638.

639 Field Course in Range Management (2) An intensified course covering the principles and current trends in range management.

642 Parasitology # (3) Biology, pathology, and prophylaxis of the principal internal parasites of animals and man. Requisites: PR, BIOL 260; co-requisite, BIOL 642L.

642L Parasitology Lab (1) Requisites: co-requisite, BIOL 642.

643 Entomology # (3) Insects, stressing morphology and identification. Collection is required. Requisites: PR, BIOL 260; co-requisite, BIOL 643L.

643L Entomology Lab (1) Requisites: co-requisite, BIOL 643.

644 Embryology # (3) Principles of vertebrate development with emphasis on mammalian embryogeny. Laboratory study of selected vertebrate embryos. Requisites: PR, BIOL 260, CL, BIOL 644L.

644L Embryology Lab (1) Requisites: co-requisite, BIOL 644.

645 Histology (3) Structure and identification of normal vertebrate tissue. Requisites: PR, BIOL 260.

646 Invertebrate Zoology # (2) Local invertebrate fauna with emphasis on collection, classification, and biologies. Requisites: PR, BIOL 260; co-requisite, BIOL 646L.

646L Invertebrate Zoology Laboratory (1) Requisites: co-requisite, BIOL 646.

648 Immunology # (3) Nature and mechanisms of natural and acquired resistance, production of antibodies, antigens, and serological reactions. Requisites: CR, BIOL 648L.

648L Immunology Lab (2) Requisites: co-requisite, BIOL 648.

650 Ornithology # (3) Anatomy, behavior, ecology, evolution and physiology of birds. Requisites: PR, BIOL 260 or PERM; lab co-requisite, BIOL650L.

650L Ornithology Lab (1) Field trips and identification of Kansas birds. Requisites: co-requisite, BIOL 650.

651 Mammalogy # (3) Systematic, natural history, and biogeography of mammals. Field trips and identification. Requisites: PR, BIOL 260; co-requisite, BIOL 651L.

651L Mammalogy Lab (1) Requisites: co-requisite, BIOL 651.

654 Principles of Systematic Biology (3) Principles involved in ordering and classifying the diversity of organisms. Requisites: PR, BIOL 250, BIOL 260.

657 Limnology # (3) Biological, physical, and chemical attributes of lakes and streams. Requisites: PR, BIOL 260, CR, BIOL 657L.

657L Limnology Laboratory (1) Requisites: co-requisite, BIOL 657.

660 Herpetology (3) Reptiles and amphibians with emphasis on taxonomy, distribution, evolution, and ecology. Requisites: PR, BIOL 260, CL, BIOL 660L.

660L Herpetology Laboratory (1) Requisites: CL, 660L.

665 Biodiversity and Conservation Biology (3) A study of the generation, distribution, and conservation of biological diversity. Requisites: PR, BIOL 395.

670 Ecological Applications (3) The application of the principles of landscape ecology, geographical information systems, and spatial analysis to biological systems and research. Requisites: PR, BIOL 395, CL, BIOL 670L.

670L Ecological Applications Lab (1) Requisites: CR, BIOL 670.

672 Statistical Applications (3) The application of statistical techniques and models to biological research. Requisites: PR, BI- OL 620, CL, BIOL 672L.

672L Statistical Applications Lab (1) To be taken with Statistical Applications course regarding the application of statistical techniques and models to biological research. Requisite: PR, BIOL 672.

673 Ichthyology # (3) Fishes with emphasis on physiology, taxonomy, distribution, evolution, and ecology. Requisites: PR, BIOL 260; co-requisite, BIOL 673L.

673L Ichthyology Lab (1) Requisites: co-requisite, BIOL 673.

675 Microbiology of the Pathogens # (3) Host-parasite relationships in microbial diseases of humans and animals. Basic techniques of isolation, identification, and diagnosis. Requisites: PR, BIOL 240 or BIOL 490.

675L Microbiology of the Pathogens Laboratory (2)

680 Biogeography (3) Theories and principles concerning distribution of plant and animal taxa and communities, past and present. Requisites: PR, BIOL 395.

683 Endocrinology () Survey of the synthesis, mechanisms, and action of hormones, and clinical considerations.

695 Range Management (3) Range plants, ecosystem structure and function, ecosystem change, range evaluation, and ecosystem manipulation and planning. Requisite: PR, BIOL 180; CL, BIOL 695L

695L Rangeland Management Techniques (1) Current laboratory experience for students enrolled in Range Management. Topics studied will include range plants, rangeland monitoring and quantification techniques. Requisites: CR, BIOL 695.

697 Wildlife Management (3) Wildlife management concepts, practical aspects of wildlife, and natural resource conservation. Requisites: PR, BIOL 260, BIOL 395.

697L Wildlife Management Techniques (1) The study of wildlife management techniques and hands-on experiences with issues in wildlife management. Requisites: CR, BIOL 697.

699 Fisheries Management (3) An introduction to techniques and principles of inland fisheries management. Requisites: BIOL 260.

Biology Graduate Credit

***All Graduate courses have a requisite of Graduate Standing.**

805 Professional Scientific Communication (3) Graduate student professional development with an emphasis on written and oral communication.

807 Graduate Topics in Biology + (1-3) Specific topics in biology. Requisites: PERM.

821 History of Biology () The historic development and evolution of biological concepts and their makers.

825 Biological Scientific Writing (2) Techniques and methods of conducting scientific research, writing scientific papers, and succeeding as a professional biologist.

827 Biological Scientific Presentations (1) In this course, students will learn to present scientific research. The course emphasizes the oral and visual aspects of presenting research.

830 Ecological Field Study and Problem + (2-8) A field trip to selected localities to enable students to obtain an integrated understanding of several biotic regions. Requisites: PERM.

832 Plant Ecosystematics () Floristic composition of plant communities of Kansas. Identification of species in characterization of plant communities, as well as association of species and habitat.

834 Plant Population Ecology () Quantitative methods in plant ecology. Pattern, ordination and interspecific association analysis.

852 Animal Physiology (2) An in-depth inquiry into the physiological bases for adaptation. Requisites: CL, BIOL 852L.

852L Animal Physiology Lab (1) Requisites: CR, BIOL 852.

853 Animal Population Ecology () Animal populations and the relations of animals to their environment.

855 Graduate Seminar in Biology + (1) Discussion concerning concepts of biology. Requisites: PERM.

857 Graduate Seminar in Botany () Scheduled discussion of botanical topics.

859 Graduate Seminar in Zoology () Scheduled discussions of zoological topics.

870 Graduate Problems in Biology + (1-5) Individual study of a non-research problem. Requisites: PR, PERM

873 Problems in Botany (Research) Individual investigation of a botanical problem.

875 Problems in Zoology (Research) Individual investigation of a zoological problem.

876 Graduate Apprenticeship in Biology + (1-3) Course is designed to provide practical experience in teaching in biology. Requisites: PR, PERM.

877 Plant Pathology () Nature, morphology, symptomology, and control of the causal agent of plant diseases.

877L Plant Pathology Laboratory

882 Graduate Readings in Biology + (1-3) Readings and written reports on special topics in biology. Requisites: PR, PERM.

883 Graduate Readings in Botany () Readings and written reports on special topics.

885 Graduate Readings in Zoology () Readings and written reports on special topics.

892 Research in Biology + (1-4) Investigations of a biological problem. Requisites: PR, PERM.

899B Thesis in Biology + (1-6) Requisites: PERM.

* General Education course

+ Course may be repeated # Lab required

PERM: Permission

PR: Pre-requisite

Department of Chemistry

For updated information, see our website at www.fhsu.edu/chemistry/.

Chemistry is an experimental science. Preparation for a career in chemistry requires extensive laboratory experience as well as classroom work. Students who plan for a career in the sciences by taking mathematics and science courses in high school find chemistry particularly rewarding. As a central science, chemistry is applicable to other scientific areas. Therefore, many students choose a chemistry major as preparation for interdisciplinary careers such as environmental science, medicine, forensic chemistry, and toxicology. Graduate study is a frequent choice of chemistry graduates.

Department of Chemistry Faculty & Staff

See department page online for full listing

Bachelor of Arts: Chemistry

If you're interested in a career as a high school teacher, a chemical librarian, chemical salesperson, medical doctor, pharmaceutical salesperson or chiropractor, the Bachelor of Arts (BA) in Chemistry may be the right option for you. You may pursue a non-specialized degree program or choose from specializations for teacher education or environmental chemistry. Students interested in a career in environmental chemistry or teacher education should follow the Environmental Chemistry emphasis or Teacher Education program as outlined below.

PROGRAM SUMMARY

TOTAL HOURS REQUIRED FOR DEGREE - 120 Credit Hours

General Education requirements are based on your status:

Effective Fall 2022:

- **Freshman or Transfer with 35 credit hours or less**
- **Transfer with Associate's or 36 credit hours or more**

Prior to Fall 2022:

- **Freshman or Transfer with 44 credit hours or less**
- **Transfer with Associate's or 45 credit hours or more**

Modern Language Courses (beginning courses I, II, III and lab) (10 Credit Hours)

Department/Major Requirements (42 Credit Hours)

Core Courses:

- CHEM 101 Orientation to Chemistry (1 Credit Hours)
- CHEM 120/120L University Chemistry I/Lab (5 Credit Hours)
- CHEM 122/122L University Chemistry II/Lab (5 Credit Hours)
- CHEM 340/340L Organic Chemistry I/Lab (5 Credit Hours)
- CHEM 342/342L Organic Chemistry II/Lab (5 Credit Hours)
- CHEM 350/350L Chemical Analysis/Lab (5 Credit Hours)
- CHEM 430/430L Survey of Physical Chemistry/Lab (5 Credit Hours)
- CHEM 675 Seminar in Chemistry (1 Credit Hours)

Electives & Cognates: (13 Credit Hours)

Reach out to our faculty mentors for information on a chemistry emphasis:

Teacher Education in Chemistry Concentration: [Dr. Edwin Olmstead](#)

Pharmacy Concentration: [Dr. Arvin Cruz](#)

Pre-Dental/Pre-Optometry Concentration: [Dr. Krisztina Bencze](#)

Pre-Medicine/KCOG/: [Dr. James Balthazor](#)

Bachelor of Science: Chemistry

PROGRAM SUMMARY

General Education requirements are based on your status:

Effective Fall 2022:

- **Freshman or Transfer with 35 credit hours or less**
- **Transfer with Associate's or 36 credit hours or more**

Prior to Fall 2022:

- **Freshman or Transfer with 44 credit hours or less**
- **Transfer with Associate's or 45 credit hours or more**

Core Courses:

- CHEM 101 Orientation to Chemistry (1 Credit Hours)
- CHEM 120/120L University Chemistry I/Lab (5 Credit Hours)
- CHEM 122/122L University Chemistry II/Lab (5 Credit Hours)
- CHEM 340/340L Organic Chemistry I/Lab (5 Credit Hours)
- CHEM 342/342L Organic Chemistry II/Lab (5 Credit Hours)
- CHEM 350/350L Chemical Analysis/Lab (5 Credit Hours)
- CHEM 632/632L Physical Chemistry I/Lab (5 Credit Hours)
- CHEM 634 Physical Chemistry II (3 Credit Hours)
- CHEM 634L Advanced Physical and Inorganic Lab (2 Credit Hours)
- CHEM 656 Instrumental Analysis (3 Credit Hours)
- CHEM 656L Advanced Instrumental and Physical Lab (2 Credit Hours)
- CHEM 662/662L Biochemistry I/Lab (5 Credit Hours)
- CHEM 666 Inorganic Chemistry (3 Credit Hours)
- CHEM 675 Seminar in Chemistry (1 Credit Hours)
- Advanced Chemistry Elective chosen from: CHEM 352/352L Environmental Chemistry/Lab, CHEM 382 Introduction to Forensic Science, CHEM 644/644L Organic Analysis/Lab, CHEM 646 Theories of Organic Chemistry, or CHEM 664/664L Biochemistry II/Lab (3-5 Credit Hours)

Cognates (13 Credit Hours)

- MATH 235 Analytic Geometry and Calculus II (5 Credit Hours)
- MATH 236 Analytic Geometry and Calculus III (3 Credit Hours)
- PHYS 212/212L Physics for Scientists and Engineers I/Lab (5 Credit Hours)

Unspecified Electives: (1-3 Credit Hours)

Reach out to our faculty mentors for information on a chemistry emphasis:

Biological Chemistry Concentration: [Dr. James Balthazor](#) or [Dr. Krisztina Bencze](#)

Forensic Science Concentration: [Dr. James Balthazor](#)

Pre-medical and Other Health Professions

While the sequence of scheduled courses varies from student to student and from profession to profession, the following three-year schedule is representative, and the fourth year of college is generally used to complete the requirements for a baccalaureate degree.

Pre-medical advisors make specific recommendations on the sequence of courses to each student according to individual needs. While minimum course requirements for all the professional schools are similar, course requirements do vary from one professional school to another, so it is essential for you to check the specific course requirements for the professional schools that interest you.

Advisors also help prepare you to meet specific admissions requirements of the professional schools in which you are interested. Admission to professional schools is generally based on overall GPA, GPA in required courses, an admissions test, recommendations, exposure to the profession, and in most cases an interview. The average GPA of students admitted is almost always better than 3.0; in most cases it is much better than 3.0 on a 4.0 scale.

Pre-Health Professions Curriculum

Freshman Year

Fall Semester:

- ENG 101 English Composition I (3 Credit Hours)
- CHEM 120/120L University Chemistry I (5 Credit Hours)
- MATH 110 College Algebra (3 Credit Hours)
- PSY 100 General Psychology (3 Credit Hours)

Total: 14 Credit Hours

Spring Semester:

- ENG 102 English Compositions II (3 Credit Hours)
- CHEM 122/122L University Chemistry II (5 Credit Hours)
- BIOL 180/180L Principles of Biology (4 Credit Hours)
- COMM 100 Fundamentals of Oral Comm. (3 Credit Hours)

Total: 15 Credit Hours

Sophomore Year

Fall Semester:

- CHEM 340/340L Organic Chemistry I (5 Credit Hours)
- BIOL 260/260L Introductory Zoology (4 Credit Hours)
- Mathematics Elective (3 Credit Hours)-5
- General Education Elective (3 Credit Hours)

Total: 15-17 Credit Hours

Spring Semester:

- CHEM 342/342L Organic Chemistry II (5 Credit Hours)
- Biology or Biochemistry Elective (3-5 Credit Hours)
- General Education Electives (6 Credit Hours)

Total: 14-16 Credit Hours

Junior Year

Fall Semester:

- PHYS 111/111L Physics I (5 Credit Hours)
- General Education Electives and Major Requirements (10-12 Credit Hours)

Total: 15-17 Credit Hours

Spring Semester:

- PHYS 112/112L Physics II (5 Credit Hours)
- General Education Elective and Major Requirements (10-12 Credit Hours)

Total 15-17 Credit Hours

Pre-Pharmacy Curriculum

Freshman Year

Fall Semester:

- ENG 101 English Composition I (3 Credit Hours)
- MATH 110 College Algebra (3 Credit Hours)
- CHEM 101 Orientation to Chemistry (PNC)
- CHEM 120/120L University Chemistry I (5 Credit Hours)
- BIOL 180/180L Principles of Biology Laboratory (4 Credit Hours)

Total: 15-18 Credit Hours

Spring Semester:

- ENG 102 English Composition II (3 Credit Hours)
- MATH 331 Calculus Methods (3 Credit Hours)
- CHEM 122/122L University Chemistry II (5 Credit Hours)
- BIOL 345/345L Human Anatomy (4 Credit Hours)
- Elective (0-3 Credit Hours)

Total: 15 Credit Hours

Sophomore Year

Fall Semester:

- PHYS 111/111L Physics I (5 Credit Hours)
- CHEM 340/340L Organic Chemistry I (5 Credit Hours)
- BIOL 346/346L Human Physiology (4 Credit Hours)
- Elective (3 Credit Hours)

Total: 15-17 Credit Hours

Spring Semester:

- CHEM 342/342L Organic Chemistry II (5 Credit Hours)
- BIOL 490/490L General Microbiology (5 Credit Hours)
- COMM 100 Fundamentals of Oral Comm. (3 Credit Hours)

Total: 16 Credit Hours

Master of Professional Studies: Chemistry

Curriculum

Core (9 Credit Hours)

- CHEM 801 Introduction to Graduate Studies in Chemistry (3 Credit Hours)
- CHEM 815 Research Methods in Chemistry (3 Credit Hours)
- PHYS 620 Mathematical Methods in the Physical Sciences (3 Credit Hours)

Major (9-12 Credit Hours) chosen from

- CHEM 624 Advanced Laboratory Techniques (3 Credit Hours)
- CHEM 632/632L Physical Chemistry I with lab (5 Credit Hours)
- CHEM 634 Physical Chemistry II (3 Credit Hours)
- CHEM 634L Advanced Physical and Inorganic Lab (2 Credit Hours)
- CHEM 636 Chemical Thermodynamics (3 Credit Hours)
- CHEM 644/644L Organic Analysis with lab (3 Credit Hours)
- CHEM 646 Theories of Organic Chemistry (3 Credit Hours)
- CHEM 656 Instrumental Analysis (3 Credit Hours)
- CHEM 656L Advanced Instrumental and Inorganic Lab (2 Credit Hours)
- CHEM 662/662L Biochemistry I with lab (5 Credit Hours)
- CHEM 664/664L Biochemistry II with lab (5 Credit Hours)
- CHEM 666 Inorganic Chemistry (3 Credit Hours)
- CHEM 670 Workshop in Chemistry (1-3 Credit Hours)
- CHEM 672 Readings in Chemistry (1-3 Credit Hours)
- CHEM 673 Problems in Chemistry (2-4 Credit Hours)
- CHEM 675 Seminar in Chemistry (1 Credit Hour)
- CHEM 682 Special Topics in Chemistry (1-3 Credit Hours)
- CHEM 888 Advanced Topics in Chemistry (3 Credit Hours)

Cognate or Free Electives (6-9 Credit Hours)

All courses must be approved by the student's advisor.

Project (3 Credit Hours)

- CHEM 890 Research Projects (3 Credit Hours)

Master of Science in Education: Education (Chemistry)

Program at Glance

Advanced Education Programs Core (15 Credit Hours, online):

- AEP 800 Utilization of Technology in Classrooms
- AEP 803 Educational Research
- AEP 858 Data Analysis and Assessment
- AEP 867 Instructional Design and Assessment
- AEP 880 Cultural Diversity

Chemical Education (3 credit hours, online)

- CHEM 880 Chemistry Education Research & Literature

Chemistry Graduate Studies Core Course (2 credit hours, online)

- CHEM 801 Introduction to Graduate Studies in Chemistry

Advanced Chemistry Lecture Electives (any 4 courses, 12 credit hours, online)

- CHEM 632 Physical Chemistry I
- CHEM 634 Physical Chemistry II
- CHEM 644 Organic Spectroscopic Analysis
- CHEM 646 Theories of Organic Chemistry
- CHEM 656 Instrumental Analysis
- CHEM 662 Biochemistry I
- CHEM 664 Biochemistry II
- CHEM 666 Inorganic Chemistry

Advanced Chemistry Laboratory Electives (one sequence, 4 credit hours)*

- CHEM 821 Laboratory Development Project in Chemical Education I
- CHEM 822 Laboratory Development Project in Chemical Education II

---OR---

- CHEM 823 Research Investigations in Chemistry for Teachers I
- CHEM 824 Research Investigations in Chemistry for Teachers II

*Note: The advanced laboratory courses will be taught in the summer using a hybrid delivery mode. Each 8 week summer course will contain a 2-week on-campus, face-to-face, hands-on session along with 6 weeks of online learning activities.

Minor in Chemistry

A minor in chemistry will strengthen many degree programs. This is especially true for students majoring in biology, geoscience, education, mathematics, or physics. The minor allows a wide selection of courses. Students should select the courses that complement their major.

- CHEM 120/120L University Chemistry I/Lab (5 Credit Hours)
- CHEM 122/122L University Chemistry II/Lab (5 Credit Hours)

Electives selected from (10 Credit Hours)

- CHEM 280 Laboratory Teaching Techniques;
- CHEM 284 Selected Studies in Chemistry;
- CHEM 304/304L Essentials of Organic Chemistry/Lab;
- CHEM 350/350L Chemical Analysis/Lab;
- CHEM 352/352L Environmental Chemistry/Lab;
- CHEM 360/360L Essentials of Biochemistry/Lab;
- CHEM 430/430L Survey of Physical Chemistry/Lab; and
- CHEM 476 Apprenticeship in Chemistry

Total (20 Credit Hours)

Premedical students may obtain a minor in chemistry by completing CHEM 340 and CHEM 342 in addition to CHEM 120 and CHEM 122.

Course Listings – Chemistry

Undergraduate Credit

014 Basic Chemistry (3) A beginning chemistry course for students who need an introduction to chemistry before enrolling in CHEM 112 or CHEM 120. Students completing this course will have three credit hours added to the minimum degree requirements.

100 The Chemist's View of the World* (3) An introduction to the major concepts of scientific thought as exemplified by the discipline of chemistry. Concepts include the scientific method of inquiry, the structure of matter, and the major natural laws with application to current issues. The course utilizes an approach of quantitative reasoning that requires a minimum of mathematical skill. A student receiving credit for graduation in this course may not also receive credit toward graduation in CHEM 112 or CHEM 120.

101 Orientation to Chemistry (1) Entering chemistry majors are introduced to the career options that are available to the chemistry graduate through field trips, presentations, and readings. Discussions will also include university and departmental requirements and resources as well as techniques for becoming a successful chemistry student.

105 Introduction to the Chemistry Laboratory* (1) An introductory laboratory course designed to accompany CHEM 100. This laboratory course is designed to provide a series of experiences with the tools and methods of chemistry corresponding to topics presented in CHEM 100. Activities include experimental design, data collection, data presentation, data reduction, and the drawing of conclusions. One three-hour meeting per week. May be taken concurrent with or after the completion of CHEM 100. Not acceptable for a science major. A student receiving credit for graduation in this course may not also receive credit toward graduation in CHEM 112L or CHEM 120L. Requisites: PR or co-requisite, CHEM 100.

110 Molecules and Society ◊ Biochemically oriented topics related to aspects of daily living with emphasis for humans and especially health professionals. Development of knowledge and skills for understanding bioscience information in news media and the Internet. Selected biochemical concepts with applications to humans, such as: chemical principles and biomolecules, nutrition/diets, growth and aging, disease, fermentation, drug action, medical diagnostics and forensics, genetics, and bioethics.

112 General Chemistry I* # (2) A survey of the principles of inorganic chemistry with strong emphasis on those fundamentals of chemistry which are essential to the understanding of organic and biological chemistry. For students who need a broad introduction to the field of inorganic chemistry. Not for science majors. A student receiving credit for graduation in this course may not receive credit toward graduation in CHEM 100 or CHEM 120. Requisites: PR, high school algebra or MATH 010; co-requisite, CHEM 112L.

112L General Chemistry Laboratory I* (1) Meets two hours per week. Requisites: co-requisite, CHEM 112.

114 General Chemistry II* # (2) A survey of the principles of organic and biological chemistry for students who need a broad introduction to these fields. Not for science majors. Two recitations per week. Requisites: PR, CHEM 112; co-requisite, CHEM 114L.

114L General Chemistry Laboratory II* (1) Meets two hours per week. Requisites: co-requisite, CHEM 114.

120 University Chemistry I # (3) Fundamental principles of chemistry for majors in chemistry, biology, and geology. Also for pre-engineering, pre-veterinary, pre-pharmacy, and pre-medical science students. A student receiving credit for graduation in this course may not also receive credit toward graduation in CHEM 100 or CHEM 112. Requisites: PR, high school chemistry or CHEM 112; a grade of B or better in high school trigonometry, high school precalculus, high school calculus, or college algebra; co-requisite, CHEM 120L.

120L University Chemistry Laboratory I (2) Meets four hours per week. Includes problem session. Requisites: co-requisite, CHEM 120.

122 University Chemistry II # (3) A continuation of CHEM 120 in study of principles of chemistry. Three recitations per week. Requisites: PR, CHEM 120; co-requisite, CHEM 122L.

122L University Chemistry Laboratory II (2) Meets four hours per week. Includes problem session. Requisites: co-requisite, CHEM 122.

277 Early Field Experience: Physical Science Education (1) This course has been designed to provide physical science education majors with observational and participatory experiences in their area of specialization. Students will be placed in a school situation so that they may be introduced to the classroom environment and teaching experience. Pass/No Credit.

284 Selected Studies in Chemistry + (1-3) Chemistry subject matter not covered in regular course offerings, may be specifically in chemistry or interdisciplinary. The name of the selected study will be shown on the student's record. A topic may involve class, lab, or library assignments. Requisites: PERM.

304 Essentials of Organic Chemistry # (3) A survey of organic chemistry. Adapted to needs of students of agriculture and veterinary medicine. Not for majors. Three recitations per week. Requisites: PR, CHEM 122 or above- average grades in CHEM 112 and CHEM 114; co-requisite, CHEM 304L.

304L Essentials of Organic Chemistry Laboratory (2) Meets four hours per week. Includes problem session. Requisites: co-requisite, CHEM 304.

340 Organic Chemistry I # (3) The first of a two-semester sequence of a thorough study of organic chemistry. For majors in

chemistry, biology, and medical science. Three recitations per week. Requisites: PR, CHEM 122; co-requisite, CHEM 340L.

340L Organic Chemistry Laboratory I (2) Meets five hours per week. Includes problem session. Requisites: co-requisite, CHEM 340.

342 Organic Chemistry II # (3) A continuation of CHEM 340 with emphasis on organic synthesis and applications of principles. Three recitations per week. Requisites: PR, CHEM 340; co-requisite, CHEM 342L.

342L Organic Chemistry Laboratory II (2) Meets five hours per week. Includes problem session. Requisites: co-requisite, CHEM 342.

350 Chemical Analysis # (3) Principles and practice of volumetric and gravimetric analysis. Modern methods of instrumentation are introduced. Three recitations per week. Requisites: PR, CHEM 122; co-requisite, CHEM 350L.

350L Chemical Analysis Laboratory (2) Requisites: co-requisite, CHEM 350.

352 Environmental Chemistry # (3) The principles of chemistry and related sciences are applied to the study of natural systems. Major processes occurring in the atmosphere, hydrosphere, biosphere, and lithosphere are described. The effect of sources, sinks, impact, and control of pollutants in each of these systems is discussed. Requisites: PR, CHEM 350 and CHEM 304 or CHEM 340; co-requisite, CHEM 352L.

352L Environmental Chemistry Laboratory (2) The laboratory to accompany CHEM 352. Laboratory experiments include both wet and instrumental methods of environmental analysis. Established protocols and procedures are emphasized. Meets four hours per week. Includes problem session. Requisites: PR, CHEM 350 and CHEM 304 or CHEM 340; co-requisite, CHEM 352.

360 Essentials of Biochemistry # (3) A study of carbohydrates, lipids, and proteins: their digestion, absorption, and metabolism. Also includes vitamins, enzymes, biological oxidations, and the chemistry of tissues and body fluids. Three recitations per week. Requisites: PR, CHEM 304; CHEM 342 (may be a co-requisite); co-requisite, CHEM 360L.

360L Essentials of Biochemistry Laboratory (2) Meets four hours per week. Includes problem session. Requisites: co-requisite, CHEM 360.

382 Introduction to Forensic Science (3) This course is an introduction to the application of standard scientific analytical procedures in the area of forensic science. It is designed for chemistry majors, pre-professional students (pre-medical, pre-pharmacy, pre-engineering, etc.) and those planning to enter the field of forensic science. Requisites: PR, CHEM 340; BIOL 180.

406 Introduction to Scientific Glassblowing (2) Lab study of materials and techniques of glass working. Lab glassware will be designed and constructed. Requisites: PERM.

408 Chemical Basis for Everyday Living (3) Fundamental principles of chemistry for the non-science student are presented

and illustrated by the topics of radiation, food, drugs, pesticides, pollution, and energy.

430 Survey of Physical Chemistry # (3) Elementary physical chemistry for biological science and prospective teaching students. Includes states of matter, solution, thermodynamics, kinetics, elementary quantum chemistry, and spectroscopy. Three recitations per week. Requisites: PR, CHEM 122, MATH 331; co-requisite, CHEM 430L.

430L Survey of Physical Chemistry Laboratory (2) Meets four hours per week. Includes problem sessions. Requisites: co-requisite, CHEM 430.

476 Apprenticeship in Chemistry + (1-4) Course is designed to provide practical experience in teaching and administration in chemistry. Requisites: PR, PERM of department chair.

480 Laboratory Teaching Techniques (1-2) An introduction to the skills required in teaching physical and life science labs. Emphasis is on the methods of teaching, prevention of accidents, and legal aspects of laboratory instruction. Topics will include safe use, storage, and disposal of reagents; issues relating to electricity and radiation safety; and dealing with live animals and field trips. One recitation per week. An independent project is required for two hours of credit. Requisites: PERM.

Undergraduate/Graduate Credit

624 Advanced Laboratory Techniques (3) Typical inorganic and organic compounds are prepared and characterized. A wide variety of preparative techniques will be discussed and utilized. One recitation and six hours of lab per week. Requisites: PERM.

632 Physical Chemistry: Chemical Thermodynamics (3) A rigorous treatment of states of matter, thermodynamics, equilibrium, and electrochemistry. Three recitations per week. Requisites: PR, CHEM 350, MATH 235 (may be a co-requisite), PHYS 212; co-requisite, CHEM 632L.

632L Physical Chemistry Laboratory I (2) Meets four hours per week. Includes problem session. Requisites: co-requisite, CHEM 632.

634 Physical Chemistry: Quantum Mechanics and Chemistry Kinetics (3) A study of atomic and molecular structure, kinetics, and quantum chemistry. Three recitations per week. Requisites: PR, CHEM 632 or PERM; co-requisite, CHEM 634L.

634L Advanced Physical and Inorganic Laboratory (2) Integrated laboratory combining inorganic synthesis with physical chemistry techniques to study inorganic compounds. Requisites: co-requisites, CHEM 634, CHEM 666.

636 Chemical Thermodynamics (3) General and mathematical treatment is made of the three laws of thermodynamics with applications to chemical systems. Requisites: PR, CHEM 632.

644 Organic Spectroscopic Analysis # (1) This course focuses upon the determination of the structure of organic molecules using modern spectroscopic techniques. This course will cover: NMR, IR, MS, UV-Vis, and X-ray diffraction. By the end of the course,

students will demonstrate their mastery of the course material by successfully solving advanced spectroscopic unknowns.

644L Organic Spectroscopic Analysis Laboratory (2)

Laboratory practice of systematic organic analysis. Major stress on qualitative organic analysis. Meets six hours per week.

646 Theories of Organic Chemistry (3) Theories of chemical structure and mechanisms of organic reactions are studied. Three recitations per week. Requisites: PR, CHEM 342.

656 Instrumental Analysis # (3) Fundamentals and practice of analysis by means of instruments. Optical, spectrometric, electro-metric, and chromatographic methods will be studied. Three recitations per week. Requisites: PR, CHEM 634; co-requisite, CHEM 656L.

656L Advanced Instrumental and Physical Laboratory (2) An integrated laboratory course combining instrumental methods of analysis with experimental physical chemistry principles. Requisites: co-requisite, CHEM 656.

662 Biochemistry I # (3) A study of the chemical and physical properties of biologically important molecules. Topics will include carbohydrates, lipids, proteins, nucleic acids, and enzymes. Three recitations per week. Requisites: PR, CHEM 342; co-requisite, CHEM 662L.

662L Biochemistry Laboratory I (2) Meets five hours per week. Includes problem session. Requisites: co-requisite, CHEM 662.

664 Biochemistry II # (3) A study of the metabolism of carbohydrates, lipids, proteins, and nucleic acids. Emphasis will be placed on the relationship between metabolism, the utilization of energy, and the synthesis of informational molecules. Three recitations per week. Requisites: PR, CHEM 662; co-requisite, CHEM 664L.

664L Biochemistry Laboratory II (2) Meets five hours per week. Includes problem session. Requisites: co-requisite, CHEM 664.

666 Inorganic Chemistry (3) A study of the theory and compounds of inorganic chemistry. Emphasis will be given to the structures, bonding, spectroscopy, and reactions of transition metal coordination complexes. Requisites: PR, CHEM 634 (may be a co-requisite); co-requisite: CHEM 634L.

670 Workshop in Chemistry + (1-3) Newer ideas of chemistry of special interest to teachers will be presented. Lab experience may be provided. Requisites: PERM.

672 Readings in Chemistry + (1-3) Selected materials from chemical literature. Special emphasis on written reports. Requisites: PERM.

673 Problems in Chemistry + (2-4) An individual investigation chosen by the student and carried out under supervision. Includes both library and lab work. Requisites: PERM.

675 Seminar in Chemistry + (1) Upper-class majors participate in presenting and discussing recent developments selected from the chemical literature.

682 Special Topics in Chemistry + (1-3) Special studies of current interest outside the regular courses are presented. The topics may be specifically in chemistry or interdisciplinary. The name of a specific topic will be shown on the student's record. A topic may involve class, lab, and library assignments. Requisites: PERM.

Graduate Credit

801 Introduction to Graduate Studies in Chemistry and Chemistry Education () An introduction to graduate studies in chemistry and chemistry education. Topics include survey of recent developments in the chemistry profession and the roles and scopes of various chemistry Master's degree programs. This course also cultivates critical skills for succeeding in the chemistry profession including understanding of scientific ethics and the science-technology-society (STS) relationship, scientific writing, literature searching, preparation and delivery of written reports and oral presentations, and assessment and compliance of safety in the laboratory.

815 Research Methods in Chemistry () Introduction to advanced research methods in chemistry. Candidates receive extensive training in advanced laboratory techniques and instrumentation in the candidate's research area(s). Other topics may include major advances in the principle sub-fields within chemistry (Excluding chemistry education), introduction to research conducted by the faculty of the chemistry department in these sub-fields, strategies to remain current in research literature, the use of the American Chemical Society (ACS) Style Guide in scientific reporting, and writing of major grant proposals.

820 Chemistry Education Research and Practice () This course examines the major developments and trends in the field of chemistry education, focusing on how chemistry can be taught more effectively in the classroom and laboratory as described in the research literature. Chemistry Education Research (CER) is introduced as a specific area of Discipline-based Education Research (DBER) that aims to address contemporary challenges in the broader field of science education. Students are guided to explore and complete a literature review on the contributions of CER toward a specific topic related to chemistry teaching, and to identify how this research contributes to: (1) advancing K-16 chemistry education within the new Framework for Science Education, and (2) meeting national teaching expectations. Based on this analysis students design, practice and reflect on teaching chemistry in a classroom setting. This course is designed to increase awareness among graduate students of current issues and research in chemistry education including procedures for appropriate involvement of human subjects, encourage transfer of research findings into classroom practice, and provide graduate students an opportunity to engage in professional activities by critiquing and discussing own and colleagues' work.

888 Advanced Topics of Chemistry + (3) Selected topics within analytical, inorganic, physical, organic, or biochemistry sub-disciplines. Requisites: PERM.

890 Research Projects + (2-4) Research under staff supervision on projects selected by students and staff.
Requisites: PERM.

*General Education course

+Course may be repeated

#Lab required

PERM:

Permission PR:

Pre-requisite

Department of Computer Science

The Department of Computer Science at Fort Hays State University offers an online and on-campus Bachelor of Science degree and an online Master of Science degree in Computer Science. Work with our experienced faculty to acquire the programming knowledge and credentials to become an innovator and collaborator for your future employer.

Computer Science is an area of study that involves programming, human-computer interaction, and information security. Graduates from Fort Hays State University are prepared to enter the workforce as capable programmers and problem solvers, and they possess the knowledge and skills necessary to advance steadily in their careers. Earning a degree in computer science will place you in high demand at a variety of federal agencies and private software and technology companies.

Bachelor of Science in Computer Science: Computer Science

Computer Science is an area of study that involves programming, human-computer interaction, and information security.

Graduates from Fort Hays State University are prepared to enter the workforce as capable programmers and problem solvers. Possessing the knowledge and skills necessary to advance steadily in their careers.

Earning a degree in computer science will place you in high demand at a variety of federal agencies and private software and technology companies. **With both online and in-person degree options**, you will have the flexibility to suit your needs.

Career Paths Program of Study

Cognate Courses *

- INF 101—Intro to Computer Information Systems (3 Credit Hours) – [Clep exam available](#)
- MATH 110—College Algebra (3 Credit Hours) – [Clep exam available](#)
- MATH 122—Plane Trigonometry (3 Credit Hours)
- MATH 234—Analytic Geometry & Calculus I (5 Credit Hours)
- MATH 250—Elements of Statistics (3 Credit Hours)

Required Networking Courses

- INF 250—Introduction to Web Development (3 Credit Hours)
- INF 651—Front-End Web Development I (3 Credit Hours)
- INF 652—Database Design and Programming (3 Credit Hours)
- INF 653—Back-End Web Development I (3 Credit Hours)

Major Courses

- CSCI 111—Survey of Computer Science (3 Credit Hours)
- CSCI 121—Computer Science I (3 Credit Hours)
- CSCI 221—Computer Science II (3 Credit Hours)
- CSCI 231—Object-Oriented Programming (3 Credit Hours)
- CSCI 241—Foundations of Computing (3 Credit Hours)
- CSCI 251—Data Structures (3 Credit Hours)
- CSCI 321—Assembly Language (3 Credit Hours)
- CSCI 331—Operating Systems (3 Credit Hours)
- CSCI 421—Programming Languages (3 Credit Hours)
- CSCI 431—Computer Graphics (3 Credit Hours)
- CSCI 441—Software Engineering (3 Credit Hours)
- CSCI 675—Seminar (3 Credit Hours)

Graduation Requirements

In addition to the coursework requirements, students must also have: A minimum grade point average of 2.0 and a 120 credit hours A minimum of 45 hours of upper division course work 60 hours must come from a 4-year institution A minimum of 30 hours of coursework must be taken from FHSU Your academic advisor will work with you to track your progress towards the successful completion of your degree.

For additional information regarding the General Education programs at FHSU, please visit: <https://www.fhsu.edu/general-education/>

Master of Science: Computer Science

For all graduate programs, you must have an earned bachelor's degree and a minimum 2.5 GPA on your last 60 hours of undergraduate study in addition to the specific program admission requirements. All transcripts must be **official** copies. International students with 3-year degrees will be considered on a case-by-case basis by the graduate dean.

Application Requirements: A personal statement indicating reasons for seeking a Master of Science in Computer Science and 2 letters of recommendation.

Total Hours required for degree – 33 hours

Program of Study

CSCI 601G	Advanced Programming	3 credit hours
CSCI 612G	Fundamentals of Research	3 credit hours
CSCI 663G	Introduction to Cryptography	3 credit hours
CSCI 812	Advanced Database Management	3 credit hours
CSCI 831	Advanced Operating Systems	3 credit hours
CSCI 841	Advanced Software Engineering	3 credit hours
CSCI 851	Advanced Data Structures	3 credit hours
CSCI 866	Data Mining and Knowledge Discovery	3 credit hours
CSCI 896	Digital Image Processing	3 credit hours
CSCI 897	Project	6 credit hours

Course Listings – Computer Science

Computer Science

Undergraduate Credit

111 Survey of Computer Science () Survey of selected topics in Computer Science such as the history of computing, number systems, data representation, combinatorial circuits, computer architecture and organization, algorithms, programming paradigms and languages, artificial intelligence, computer graphics, the roles of operating systems and networks, social, legal, and ethical issues in computing.

121 Computer Science I () An introduction to computer programming in a high-level programming language. Topics include data types, sequential and indexed collections, the design, definition, and application of functions, conditional expressions, iteration and recursion.

221 Computer Science II () Continued introduction to computer programming in a high-level programming language. Interactive programming, data file access, error detection and handling, elementary data structures, sorting, searching, higher-order functions.

231 Object-Oriented Programming () Principles of object-oriented design and programming such as classes, objects, composition, inheritance, and polymorphism. Development of applications utilizing languages supporting object -orientation.

241 Foundations of Computing () Logical and mathematical foundations of computer science, including topics such as logic, proof, algorithms, recursive processes, combinatorial analysis, algorithm complexity, graphs, and theory of computation.

251 Data Structures () Data structures such as linked lists, stacks, queues, trees, maps, and graphs and their accompanying algorithms and their analysis.

321 Assembly Language () Assembly language programming and processor architecture. Includes low-level programming techniques, memory and registers, the run-time stack.

331 Operating Systems () History and functions of operating systems and associated structures. Topics include management of a processor, processes, memory and auxiliary storage.

421 Programming Languages () A comparative survey of programming language paradigms, including the properties, applications, syntax, and semantics of selective imperative, functional, object-oriented, and logic programming languages.

431 Computer Graphics () Raster graphics algorithms, transformations, orthographic and perspective projection, hidden surface elimination, surface shading, the graphics pipeline, color models. Application development utilizing a graphics API.

441 Software Engineering () Software engineering concepts, terminology, and the disciplined development of software systems, including topics such as requirements analysis, design methodologies, testing strategies, management, and quality assurance. In a semester long project, students develop, test and document a software system.

Undergraduate/Graduate Credit

601 Advanced Programming () This course will take a deep dive into several advanced concepts of programming and explore larger-scale application development using the language. Students will learn system programming, classes and objects, Persistence and Databases, Advanced Data Handling, GUI programming, and covering some of the fundamental topics in more detail and adding new ones. At the end of this course, students will have the necessary tools to start digging into other areas of specialization. The student is expected to have a sound background in programming.

612 Fundamentals of Research () This course presents the fundamentals of scientific research in the area of Computer Science. It covers a collection of basic concepts and terminologies in research methods with a goal of producing well-written manuscripts for publication in peer-reviewed journals. Special emphasis is placed on problems typically encountered by young researchers as well as possible solutions to those problems.

631 Advanced Operating System () Principles of modern operating systems, including embedded operating system, virtual machine, cloud and IoT operating systems, networking protocols and distributed operating systems.

650 Interactive Systems Design (3) Interactive Systems Design presents ideas, theories and concepts in the field of Human Computer Interaction (HCI). More specifically, the constructs of HCI are analyzed in order to develop simpler and more efficiently designed multi/hypermedia artifacts. This course is not, however, centered around the computer as a focus of development. The faculty and students will look at the computer as a tool but with special emphasis on the human senses and how these are affected by the computer. By understanding the human role in HCI, more proficient learning and presentation strategies can be instilled in the student. The basic focus is centered on the human-being in a technology-influenced environment.

651 Advanced Data Structure () This course covers advanced topics in data structures for working with structured data. The students will develop, implement, and analyze various data structure algorithms to solve real world problems. The course covers the following topics: disjoint sets, self-balanced trees, segment trees, heaps, hash tables, and tries.

653 Advanced Database Management () This course covers advanced aspects of database management including

normalization, query optimization, distributed databases, data warehousing, and big data. Students learn how to use object-oriented technologies to design relational databases and how to design relational databases to support object-oriented applications. There is extensive coverage and hands on work with SQL, and database instance tuning. The additional topics covered in this course will help you become more proficient in writing queries and will expand your knowledge base so that you have a better understanding of the field. The goal is to provide students with an advanced understanding of database design, implementation, and management concepts and techniques. Students complete a term project exploring an advanced database technology of their choice.

663 Introduction to Cryptography (3) This course considers the basic knowledge of cryptography, both traditional and modern. This knowledge is the basis for future studies on network security. Requisites: PR, CSCI 369; MATH 234.

664 Networks and Data Communications (3) Local and wide- area network systems, including hardware, software, and systems design considerations; configuration management and control. Requisites: PR, MIS 602.

666 Data Mining and Knowledge Discovery () This course gives a comprehensive overview of data mining fundamental concepts, algorithms, and its applications. It covers important sections on classification, association analysis, and cluster analysis. Students will learn analyzing of variant data sets that integrates results from disciplines such as statistics, predictive models, data bases, pattern recognition, and text mining. A major productive analytics project on a real data set is required.

673 Problems (1-4) Miscellaneous problems from or an investigation of some phase of undergraduate computer science possibly not treated in a regular course. Requisites: PERM

675 Seminar in Software Engineering + (1-3) Students prepare a paper on a software engineering or computer science topic and give an oral presentation to the seminar group. Requisites: PR, C or better in CSCI 361.

677 Internship (3) The student will perform meaningful, professionally related work. A job in the student's major must be obtained in advance and be approved by the advisor and the department chair prior to enrollment. See advisor for details. Requisites: PR, senior or graduate standing and PERM.

681 Advanced Networking and Data Communications () Theory, design, protocols, security, and algorithms of computer networking.

682 Application Layer Programming () Design and programming with different programming languages in networking application layer.

Graduate Credit

812 Advanced Database Management () This course covers advanced aspects of database management including normalization, query optimization, distributed databases, data warehousing, and big data. Students learn how to use object-oriented technologies to design relational databases and how to design relational databases to support object-oriented applications. There is extensive coverage and hands on work with SQL, and database instance tuning. The additional topics covered in this course will help you become more proficient in writing queries and will expand your knowledge base so that you have a better understanding of the field. The goal is to provide students with an advanced understanding of database design, implementation, and management concepts and techniques. Students complete a term project exploring an advanced database technology of their choice.

831 Advanced Operating Systems () This is a graduate course that discusses advanced topics in distributed operating systems. The covered topics are Synchronization, Consistency and Replication, Distributed Shared Memory, Fault Tolerance and Security, and Distributed File Systems. This course builds upon the topics covered in a typical undergraduate operating systems course, such as Process Synchronization, Interprocess Communication, and File System Organization. After a brief review, these topics are studied in the context of distributed operating systems. Prerequisites: CSCI 331 or equivalent.

841 Advanced Software Engineering () Advanced topics on software engineering. Emphasis on software reuse, various software design patterns, software configuration, models and processes, software engineering management, and testing.

866 Data Mining and Knowledge Discovery () This course gives a comprehensive overview of data mining fundamental concepts, algorithms, and its applications. It covers important sections on classification, association analysis, and cluster analysis. Students will learn analyzing of variant data sets that integrates results from disciplines such as statistics, predictive models, data bases, pattern recognition, and text mining. A major productive analytics project on a real data set is required.

871 Project () A required course for Project Option of Computer Science Master Program. Student writes, demonstrates, and defends a software project that solves real world problem.

891 Research Thesis () A required course for Thesis Option of the Computer Science Master Program. Write and defend a research thesis on a subject in modern computer science or an interdisciplinary field that is related to computer science. PR: CSCI 601, CSCI 631, CSCI 653, CSCI 6

Department of Geosciences

Demonstrate your resiliency and perseverance by training in our distinctive degrees in geosciences. Our online and on-campus programs effectively prepare you for teaching, graduate school or a career in a variety of fields, including education, government and industry so you can drive your own future forward.

At Fort Hays State University, the world around you will only help to inform the world of opportunities in front of you. With a staff of leaders in the fields of geology and geography, together, we can map out the future of your geoscience career.

Department of Geosciences Faculty & Staff

See department page online for full listing

Bachelor of Arts: Environmental Geosciences

GENERAL EDUCATION/FHSU (CORE) PROGRAM (34-55)

Completion of current General Education/FHSU CORE Program requirements.

See separate General Education/FHSU CORE Program with list of suggested courses for Geosciences majors.

PROGRAM REQUIREMENTS

ENVIRONMENTAL GEOSCIENCES CORE (28-29 HRS)

GSCI 100 Introduction to Geology (3 HRS)

GSCI 101 Elements of Physical Geography (3 HRS)

GSCI 102 Introduction to Geology Lab (1 HR)

GSCI 105 Cultural Geography (3 HRS)

GSCI 240 Introduction to GIS (3 HRS)

GSCI 330 Remote Sensing (3 HRS)

GSCI 340 Environmental Geology (3 HRS)

GSCI 360 Intermediate GIS (3 HRS)

GSCI 630 Geostatistics & Spatial Data Analysis (3 HRS) or MATH 250 Elements of Statistics (3 HRS) or

BIOL 620 Biostatistics + Lab (4 HRS)

GSCI 685 Writing in the Sciences (3 HRS)

COGNATES (19 HRS)

GSCI 110 World Geography (3 HRS)

CHEM 100 The Chemist's View of the World (3 HRS)

PHYS 102 Physical Science (3 HRS)

PHYS 103 Physical Science Lab (1 HR)

BIOL 200 Human and the Environment (3 HRS)

IDS 407 Global Challenges (3 HRS)

IDS 499 Global Environmental Issues (3 HRS)

UPPER DIVISION ELECTIVES (select 6 HRS)

GSCI 321 U.S. Geography (3 HRS)

GSCI 350 Geologic Hazards (3 HRS)

GSCI 380-385 Field Trips: (1 HR)

GSCI 600 Kansas Geography (3 HRS)

GSCI 603 Urban Geography: A Global Perspective (3 HRS)

GSCI 635 Hydrology and Water Resources (3 HRS)

GSCI 644 Climatology (3 HRS)

GSCI 651 Field Studies in Geography (1 HR)

GSCI 652 Climate Change: Science and Impacts (3 HRS)

GSCI 674 Aerial Photographs and Remote Sensing (3 HRS)

GSCI 695 Internship in Geosciences (3 HRS)

FOREIGN LANGUAGE (10 HRS) GENERAL ELECTIVES

(Number of HRS depends on GEN ED/CORE)

Chosen in consultation with your mentor and academic advisor.

Total of 120 Hrs

Bachelor of Science in Geosciences: Geosciences (Applied Geology)

GENERAL EDUCATION/FHSU (CORE) PROGRAM (34-55)

Completion of current General Education/FHSU CORE Program requirements.

See separate General Education/FHSU CORE Program with list of suggested courses for Geosciences majors.

PROGRAM REQUIREMENTS

GEOSCIENCES CORE (12-13 HRS)

GSCI 100 Introduction to Geology (3 HRS)

GSCI 240 Introduction to GIS (3 HRS) ^ **

GSCI 630 Geostatistics and Spatial Data Analysis (3 HRS) OR MATH 250 Elements of Statistics (3 HRS) or
OR BIOL 620 Biostatistics + Lab (4 HRS)

GSCI 685 Writing in the Sciences (3 HRS)

TECHNICAL GEOLOGY (30 HRS)

GSCI 102 Introduction to Geology Lab (1 HR)

GSCI 202 Historical Geology + Lab (4 HRS)

GSCI 290 Cartography (3 HRS) ^

GSCI 315 Rocks and Minerals (3 HRS)

GSCI 330 Remote Sensing Concepts (3 HRS) ^

GSCI 340 Environmental Geology (3 HRS)

GSCI Field Electives (4 HRS)

GSCI 355 Field Trips in Geology (1 HR)

GSCI 380-389 Field Trip (1 HR)

GSCI 360 Intermediate GIS (3 HRS) ^ **

GSCI 372 Earth Processes (3 HRS)

GSCI 625 Advanced GIS (3 HRS) ^

COGNATES (11 HRS)

CHEM 100 The Chemists View of the World (3 HRS)

PHYS 111 Physics I + Lab (5 HRS)

MATH 331 Calculus Methods (3 HRS)

GENERAL ELECTIVES (22 HRS)

Chosen in consultation with advisor. Some certificates will require specific courses to be chosen as degree electives (see Suggested General Electives)

SUGGESTED GENERAL ELECTIVES

BIOL 200 Humans & the Environment (3 HRS) +

CRJ 355 Crime Investigation (3 HRS) **

CRJ 395 Crime Analysis (3 HRS) **

IDS 390 Technology in Society (3 HRS) +

IDS 300 Economic Ideas & Current Issues +

IDS 407 Global Challenges (3 HRS) +
IDS 499 Global Environmental Issues (3 HRS) +
GSCI 101 Elements of Physical Geography (3 HRS) +
GSCI 203 Introduction to Petroleum (3 HRS)
GSCI 602 Understanding Earth's History (3 HRS)
GSCI 605 Geomorphology + Lab (4 HRS)
GSCI 620 Advanced Cartography (3 HRS) ^
GSCI 655 GIS Programming (3 HRS) ^

CERTIFICATE COURSES

^ GIS Certificate

+ Sustainability Certificate

** Crime Mapping and Analysis Certificate

*Note: Courses under development,
department will substitute courses for requirement.*

Bachelor of Geosciences: Geosciences (Geography) or (Geology)

GENERAL EDUCATION/FHSU (CORE) PROGRAM (34-55)

Completion of current General Education/FHSU CORE Program requirements.

See separate General Education/FHSU CORE Program with list of suggested courses for Geosciences majors.

PROGRAM REQUIREMENTS

GEOSCIENCES CORE (12-13 HRS)

GSCI 100 Introduction to Geology (3 HRS)

GSCI 240 Introduction to GIS (3 HRS)

GSCI 630 Geostatistics and Spatial Data Analysis (3 HRS) or MATH 250 Elements of Statistics (3 HRS) or
BIOL 620 Biostatistics + Lab (4 HRS)

GSCI 685 Writing in the Sciences (3 HRS)

GEOLOGY (27 HRS)

GSCI 102 Introduction to Geology Lab (1 HR)

GSCI 202 Historical Geology + Lab (4 HRS)

GSCI 310 Mineralogy + Lab (4 HRS)

GSCI 320 Petrology + Lab (4 HRS)

GSCI 450 Structural Geology + Lab (4 HRS)

GSCI 452 Field Methods (3 HRS)

GSCI 454 Field Studies in Geosciences (6 HRS)

GSCI 675 Seminar in Geosciences (1 HR)

COGNATES (18-20 HRS)

CHEM 120 University Chemistry I (5 HRS)

CHEM 122 University Chemistry II (5 HRS)

PHYS 111 Physics I (5 HRS) or

PHYS 211 Physics for Scientists & Engineers I (5 HRS)

MATH 331 Calculus Methods (3 HRS) or

MATH 234 Analytical Geometry and Calculus I (5 HRS)

GENERAL ELECTIVES

(Number of HRS depends on CORE)

Chosen in consultation with your mentor and academic advisor. Some career goals (e.g., petroleum geology) will require specific courses.

GEOGRAPHY (26 HRS)

GSCI 101 Elements of Physical Geography (3 HRS) GSCI 105 Cultural Geography (3 HRS)
GSCI 110 World Geography (3 HRS)
GSCI 290 Cartography (3 HRS)
GSCI 321 U.S. Geography (3 HRS) or GSCI 600 Kansas Geography (3 HRS)
GSCI 330 Remote Sensing (3 HRS)
GSCI 360 Intermediate GIS (3 HRS)
GSCI 651 Field Study in Geography (1 HR) or
One of GSCI 380-385 Field Trip: (1 HR)
GSCI 675 Seminar in Geosciences (1 HR)
GSCI 695 Internship in Geosciences (3 HRS)

GEOSCIENCES ELECTIVES (9 HRS)

Chosen in consultation with your mentor and academic advisor.

GENERAL ELECTIVES

(Number of HRS depends on CORE)

Chosen in consultation with your mentor and academic advisor.

Master of Science: Geosciences

The Department of Geosciences offers a flexible Master of Science (M.S.) in Geosciences. You can focus on Geography or Geology, and you can also choose from thesis or non-thesis options. All students must complete 30 hours of graduate-level courses. Thesis students will use thesis credit hours to reach 30 total hours. In addition, the following core courses are required for the respective options:

Core Courses for Thesis Option

- GSCI 800 Scientific Writing in Geosciences (3 Credit Hours)
- GSCI 899 Thesis (2-6 Credit Hours)

Core Courses for Non-Thesis Option

- GSCI 685 Geosciences Research Design & Professional Skills (3 Credit Hours) OR GSCI 800 Scientific Writing in Geosciences (3 Credit Hours)

Minor in Geosciences

Minor in Geosciences

A minor in Geosciences consists of 20 credit hours. General education courses taken for a student's minor program may also be counted toward that student's general education requirements. You may focus your minor in either Geology or Geography.

Minor in Geosciences (Geology) (20 hours)

- GSCI 100 Introduction to Geology (3 Credit Hours)
- GSCI 102 Introduction to Geology Lab (1 Credit Hour)
- GSCI 202 Historical Geology & Lab (4 Credit Hours)
- *12 hours of electives in Geosciences

List of suggested electives available on PDF or through a Geosciences Department Advisor.

Minor in Geosciences (Geography) (20 hours)

- GSCI 101 Elements of Physical Geography (3 Credit Hours)
- GSCI 110 World Geography (3 Credit Hours)
- GSCI 240 Introduction to GIS (3 Credit Hours)
- *11 hours of electives in Geosciences

Certificates in Geosciences

The Department of Geosciences at Fort Hays State University offers specialized department certificates which can be obtained on campus or on line.

- on-campus ([GIS User](#) & [Museum Studies](#))
- FHSU Online ([GIS User](#))

Students do not have to major in Geosciences to pursue a certificate. These certificates and related courses can add value to your current degree program and can enhance or develop additional skills to support your career goals.

The Department of Geosciences also is part of 2 cooperative certificates.

- [Certificate in Crime Mapping and Analysis](#) - A cooperative dual certificate with the Department of Criminal Justice.
- [Sustainability Certificate](#) - Geosciences hosts this interdisciplinary certificate aimed at providing a foundation in sustainability theory.

Please review the requirements and certificate request process carefully.

GIS User Certificate (9 Credit Hours)

The Geographic Information Systems (GIS) User Certificate program allows students to develop technical skills in analyzing geographic patterns and relationships. Many professions use GIS to gain valuable insights into spatial questions that other information systems do not offer.

This 9-credit-hour certificate program offers the opportunity for engaged students to develop a solid understanding of the fundamental principles and analytical techniques of GIS. The skills gained in the courses included in this certificate program can be applied to any major and are an effective way of adding value to a degree. Successfully completing this certificate program can increase employment potential as there is an increasing need among local, state, and federal agencies for individuals with skills in GIS.

Required Courses

- GSCI 240 Introduction to GIS (3 Credit Hours)
- GSCI 360 Intermediate GIS (3 Credit Hours)

Electives (choose one)

- GSCI 290 Cartography (3 Credit Hours)
- GSCI 330 Remote Sensing Concepts (3 Credit Hours)
- GSCI 620 Advanced Cartography (3 Credit Hours)
- GSCI 625 Advanced GIS (3 Credit Hours)
- GSCI 655 GIS Programming (3 Credit Hours)
- GSCI 674 Remote Sensing and Aerial Photography (3 Credit Hours)

To complete the GIS certificate, the student must earn a cumulative GPA of at least 2.50 on any three FHSU courses in GIS, cartography, and/or remote sensing as identified above. This must include the two required GIS courses. For each course to count toward the certificate, the student must earn a grade of C or better.

Note: To qualify for the certificate, students MUST successfully complete at least three identified certificate eligible courses at FHSU, totally at minimum 9 credit hours. If student transfers credit into FHSU for required course(s) additional electives can be taken to meet the minimum requirement.

Museum Studies Certificate (12 Credit Hours)

A museum is defined by the federal government as: a public or private nonprofit agency or institution organized on a permanent basis for essentially educational or aesthetic purposes, which, utilizing a professional staff, owns or utilizes tangible objects, cares for them, and exhibits them to the public on a regular basis. Museums include: zoos, aquaria, botanical centers, and specialized museums in addition to art, history, natural history, children's, science, and technology museums. The professional staff required at museums may include: directors, curators, educators, gift-shop staff, security, public relations, marketing, accountants, exhibit designers, volunteer coordinators, collections managers, conservators, animal/plant care specialists, fundraisers, grant writers, human resources, and food services. Approximately 20% of museums worldwide have more than 100 employees while over 20% have fewer than 10 employees. This means many museums are looking for people with specific skills while many others are in desperate need for leaders who have experience with collections, exhibits, education, public relations, and fundraising. Nearly all museums are looking for employees that know how museums function and have either multiple skill sets or have one strong skill with an understanding of the functions of multiple areas.

This 12-credit-hour certificate program offers the opportunity for students to develop skills that are valuable to museum administrators.

- GSCI Museum Management (3 Credit Hours)

- GSCI Museum Collections Management (3 Credit Hours)
- GSCI Museum Exhibit Planning & Design (3 Credit Hours)
- GSCI Museum Public Education (3 Credit Hours)

Request a Certificate - GIS User or Museum Studies

Certificates can be issued by request to individuals upon successful completion of courses and requirements. All individuals meeting certificate requirements will need to register on-line for a printed certificate. Course and project completion will be confirmed before certificate is printed. Please allow 2-4 weeks for processing.

Please complete all areas of the form, including the semester and year you successfully completed all courses, before submitting.

Dual & Interdisciplinary Department Certificates

Criminal Justice & Geosciences

Certificate in Crime Mapping and Analysis (12-15 credit hours)

The certificate in Crime Mapping and Analysis is designed to familiarize the criminal justice practitioner or future practitioner with crime analysis and geographic information systems. A familiarization of these systems will lead to a better understanding of crime mapping and the impact that it has for keeping communities safe. The certificate combines practical and theoretical bases of knowledge towards this end. Students are ideally pursuing a major or minor in either Criminal Justice and/or Geosciences.

Courses required to earn the Certificate in Crime Mapping & Analysis include:

- GSCI 240 Introduction to Geographic Information Systems (3 credit hours)
- GSCI 360 Intermediate Geographic Information Systems (3 credit hours)
- CRJ 355 Criminal Investigation (3 credit hours)
- CRJ 395 Crime Analysis (3 credit hours)

No grade lower than a "C" is acceptable for the classes taken to complete the certificate. This certificate cannot be earned as a stand-alone program and the courses may have prerequisites.

To obtain an official certificate for the Certificate in Crime Mapping & Analysis, fill out the **[Intent to Complete a Certificate in Crime Mapping & Analysis](#)** form, and return to:

School of Criminal Justice, Leadership and Sociology
131 Rarick Hall
600 Park Street
Hays, KS 67601

If you have met all the requirements, you should receive your certificate in the mail, approximately 3 – 4 weeks from the date of approval.

Sustainability Certificate (12 credit hours)

Cooperative certificate with Geosciences, Biology, Physics, and interdisciplinary studies.

Visit the **[Sustainability Certificate page](#)** for more information.

Course Listings – Geosciences

Undergraduate Credit

100 Introduction to Geology* (3) Introduction to physical and historical geology. May be taken with or without GSCI 102. May not be taken for credit after GSCI 200.

101 Elements of Physical Geography* (3) Introduction to the basic concepts and elements of the physical environment: earth-sun relationships, earth's atmosphere, soils, vegetation, and landforms. Examination of interrelationships among the elements, their geographic distribution, and the tools used to study them.

102 Introduction to Geology Laboratory* (1) Basic investigation of geologic materials, processes, and methods. Hands-on, active experience with emphasis on observation and measurement. May be taken with GSCI 100 and/or GSCI 340 but not required.

103 Elements of Physical Geology Laboratory (1) Hands-on exercises intended to illustrate physical processes related to earth's features and to provide experience with tools used to study those processes and features.

104 Orientation to Geography (1) All entering geography majors are introduced to the academic and career options that are available to the geography /GIS graduate through field trips, presentations, and readings. Discussions will also include university and departmental requirements and resources as well as techniques for becoming a successful geography student. Pass/No Credit.

105 Cultural Geography (3) A survey of traditional and popular culture structured around five themes: cultural region, cultural diffusion, cultural ecology, cultural integration, and cultural land- scape.

110 World Geography* (3) Promotes international understanding via a survey of the world as a system of interrelated political units, environments, resources, lifestyles, and problems.

200 Physical Geology # (3) Study of earth's internal and external structure, nature and origin of rocks, geological processes, and methods of inquiry. Requisites: co-requisite, GSCI 200L.

200L Physical Geology Lab (2) Requisites: co-requisite, GSCI 200.

202 Historical Geology # (3) A study of the origin, formation, and development of the earth and its inhabitants. Requisites: PR, GSCI 100; co-requisite, GSCI 202L.

202L Historical Geology Lab (2) Requisites: PR, GSCI 100 and GSCI 102; co-requisite, GSCI 202.

203 Introduction to Petroleum Geology (3) A survey of petroleum geology, including basic characteristics of petroleum, where petroleum is found, skills necessary for petroleum exploration, drilling techniques, and production methods.

240 Introduction to Geographic Information Systems (GIS)

(3) Geographic Information Systems (GIS) have revolutionized the manner that spatial data is stored, analyzed and presented. This course provides a foundation towards understanding and operating GIS. Along with addressing primary GIS theory and concepts, GIS technical skills are reinforced through hands-on activities using widely used industry software.

290 Cartography: Theory and Applications (3) Examination of the theory and methods applied to the transformation of geographic space onto maps, their content, structure, and utilization. Interpretation of maps and extraction of information from maps. Requisites: PR, GSCI 101 and MATH 110.

310 Mineralogy # (3) Identification, classification, and occurrence of minerals; emphasis on crystallography, crystal chemistry, and descriptive and determinative mineralogy. Requisites: PR, CHEM 120; CL, GSC 310L

310L Mineralogy Lab (1) Requisites: co-requisite, GSCI 310.

320 Petrology # (3) Description, classification, occurrence, and origin of igneous, sedimentary, and metamorphic rocks. Requisites: PR, GSCI 310; co-requisite, GSCI 320L.

320L Petrology Lab (1) Requisites: co-requisite, GSCI 320.

321 United States Geography (3) A survey of the United States as a functioning system of interrelated regions with emphases on environments, resources, lifestyles, and problems.

322 Latin American Geography (3) A survey of Latin America's interconnected system of political units with emphasis on environments, resources, lifestyles, problems, and relationships to the rest of the world.

323 European Geography (3) A survey of Europe's interconnected system of political units with emphasis on environments, resources, lifestyles, problems and relationships to the rest of the world.

330 Remote Sensing Concepts (3) This course provides a basic overview of the technology by which aircraft and satellite images of the earth are produced as well as hands-on experience manipulating and interpreting images from a variety of sources. Requisites: PR, GSCI 240.

340 Environmental Geology* (3) A survey of earth materials and processes with emphasis on environmental implications. Includes natural hazards (such as earthquakes and volcanoes), water and other resources, and applications of land-use planning concepts. May be taken with or without GSCI 102.

350 Geologic Hazards (3) An environmental geology course that examines hazardous earth processes, including river flooding, landslides, subsidence, earthquakes, volcanic activity, and coastal hazards. Requisites: PR, GSCI 100; GSCI 300 (recommended).

355 Field Trips in Geology (1-5) Location, topics and credit hours will vary. Each section will have location and topic description in the title. Pass/No Credit.

357 Topics in Geosciences (1-3) A concentrated study of some topic or unit. Regular lectures. Prerequisites: PERM.

360 Intermediate Geographic Information Systems (3) Intermediate Geographic Information Systems (GIS) explores spatial analysis through the use of raster, network, and 3D analysis. Additional approaches towards GIS cartographic design, data creation, and management are explored. GIS technical skills are reinforced through hands-on activities using widely used industry software. Prerequisites: PR, GSCI 240.

364 Introduction to Well-logging (3) An introductory course on modern evaluation methods in well-site geology using cased and open-hole logs, core data, geological information, and the physics of fluid-flow in porous media. Several case study examples will be used to illustrate, reinforce, and apply the fundamental technical concepts used in the field. Prerequisites: PR; GSCI 100, GSCI 102, GSCI 203.

376 Earth Space Science Research & Writing +(1-3) By appointment, course provides practical experience in Geosciences

380 Field Trip: Ellis County () Field Trip focuses on the geology of: Ellis County, FHSU campus, a rare volcanic ash quarry, and provides an introduction to local Hays, KS region geological formations. This course provides students with a field trip experience that introduces them to geologic and geographic features around Ellis County (where FHSU is located) in Western Kansas. Trip may be offered in-person or virtual. For the virtual field trip experience students must have good internet connection, video player, and sound on computer.

381 Field Trip: Lake Wilson () Field Trip provides an overview of the geology between FHSU & Lake Wilson, discussion of the I-70 sink hole, and a study of the Wilson Lake spillway. Trip includes stops at various road cuts. This course provides students with a field trip experience that introduces geologic and geographic features around Lake Wilson in Western Kansas. Trip may be offered in-person or virtual. For the virtual field trip experience students must have good internet connection, video player, and sound on computer.

382 Field Trip: Rocks and Fossils of Castle Rock () Earth is a dynamic system with many parts and processes that can be better understood by exploring the world around us, and we will be exploring the environment and ecosystem of Kansas 85 million years ago. This course provides students with a field trip experience that provides an introduction to the geology and paleontology of Western Kansas, specifically the Castle Rock area of Gove County, KS. Field Trip to Castle Rock includes: stops overlooking Hays, Cedar Bluff Reservoir, & Ogallala. Trip may be offered in-person or virtual. For the virtual field trip experience students must have good internet connection, video player, and sound on computer.

383 Field Trip: Grand Canyon () Field trip to Grand Canyon includes: learning activities that illustrate the different aspects and information regarding the Grand Canyon's geologic and human

history. This course includes research on a specific aspect of the Grand Canyon and presentation of research. Trip may be offered in-person or virtual. For the virtual field trip experience students must have good internet connection, video player, and sound on computer.

384 Field Trip: Mesa Verde () Field trip to Mesa Verde includes: Exploration of geologic features of Mesa Verde, the cultural and archaeological importance of Mesa Verde, and identify historical aspects of the region. This course includes research on a student's favorite aspect of Mesa Verde and presentation of research. Trip may be offered in-person or virtual. For the virtual field trip experience students must have good internet connection, video player, and sound on computer.

385 Field Trip: Cave Geology () A survey of major cave types to include the local geology and an examination of the development of cave systems. Major cave systems include: Mammoth Cave, Carlsbad Caverns, Mystery Cave, and others. Additionally, other aspects of cave science will be covered to provide a complete overview of cave science. Trip may be offered in-person or virtual. For the virtual field trip experience students must have good internet connection, video player, and sound on computer.

450 Structural Geology # (3) Study of rock geometry, concepts of descriptive, kinematic, and dynamic analyses related to plate tectonics and time. Graphic, trigonometric, and computer solutions to structural problems and maps. Prerequisites: PR, GSCI 320, MATH 110; CL, GSCI 450L.

450L Structural Geology Lab (1) Prerequisites: CR, GSCI 450.

451 Methods in Petroleum Geology (3) Techniques for petroleum geology exploration and operations including case histories. Emphasis on fundamentals of geologic, geochemical, geophysics, seismic, and aerial imagery methods used in exploration. The course will also focus on properties of source rocks, reservoir rocks, traps and seals, and elements of basin analysis and production. Prerequisite: PR; GSCI 203.

452 Field Methods (3) Geologic principles and techniques of acquisition and interpretation of field data. Prerequisites: PR, GSCI 450.

454 Field Studies in Geosciences (3-6) An integrative geology capstone course involving a broad range of applied field techniques and procedures. Must have a 2.0 GPA (C average) in all core courses. Prerequisites: PR, GSCI 452 and PERM.

499 Senior Thesis (1-3) An undergraduate thesis that is the written result of independent research. Must have a minimum cumulative GPA of 3.25 in FHSU and permission of Department Chair.

Undergraduate/Graduate Credit

600 Kansas Geography (3) A survey of Kansas as a functioning system of interrelated regions stressing environments, resources, lifestyles, problems, and relationship to the rest of the United States.

602 Exploring Earth's History () In this course, students will examine the interrelatedness of earth systems – the geosphere, hydrosphere, atmosphere, and biosphere – in relation to major events in Earth history. By reading and discussing the primary scientific literature, students will gain a better understanding of Earth's past,

focusing on how scientists ask and answer questions in the geosciences.

603 Urban Geography: A Global Perspective () This class will explore the urban environment, focusing on global urban development. Topics that will be discussed include urban origins and theory, historical development, and modern urban form. Other topics will include urban environmental impact, urban population, landscapes of inequality, and urban planning.

605 Principles of Geomorphology # (3) Origin and development of landforms. Interrelationships among geologic structure, climatic environment, and surface processes. Requisites: PR, GSCI 100.

605L Principles of Geomorphology Lab (1)

608 Environmental Impact Analysis () Students will learn the basic policy background of the National Environmental Policy Act (NEPA) and its subsequent modifications. Students will then learn the fundamental methods of analysis required for conducting a robust Environment Impact Statement (EIS). Students will examine and discuss the fundamental elements of an EIS through the examination of contemporary cases.

610 Geosciences of Our National Parks & Monuments () A survey of the geologic and geographic characteristics of selected United States national parks and monuments.

612 Optical Mineralogy () Principles and techniques in the use of the polarizing microscope in the identification and study of minerals.

620 Advanced Cartography (3) This course provides an advanced experience in the art and science of cartography. Requisite: PR, GSCI 290 and Math 110.

625 Advanced Geographic Information Systems (3) Application of theoretical GIS concepts and practical GIS techniques to solve complex real-world problems from data acquisition to analysis and presentation of results. Major foci are identifying, acquiring, and processing external data sets and conducting the spatial analysis necessary to answer questions. Requisites: PR, GSCI 360.

627 Karst Geology (2) Broad overview of the landscapes and features produced by soluble bedrock. This course will include a focus on the major karst regions of the world, the hazards associated with those regions, and the interaction of humans with these hazards. In addition, the course will discuss the role of karst in Kansas and nearby regions. The course may require fees associated with a field trip to a nearby karst region. Requisites: GSCI 100 or GSCI 101.

630 Geostatistics and Spatial Data Analysis (3) This course covers the theory of quantitative analytic techniques specific to spatially referenced data. Requisites: PR: MATH 250 and GSCI 240 and PERM.

631 Geophysical Well-logging (3) Modern evaluation techniques for sub-surface formations using geophysical open-

and cased—hole logs and well-site methods. Requisites: PR, GSCI 203, GSCI 364, GSCI 680.

632 Seismic Interpretation (3) Course on the fundamental concepts in 2/3-D seismic interpretation for oil exploration.

633 Geophysical Analysis (3) Course on the geologic analysis and integration of 3-D seismic and well data for oil exploration. Requisites: PR, GSCI 632.

634 Advanced Exploration Techniques (3) Advanced geologic techniques used for oil exploration. Requisite: PR, GSCI 203 and GSCI 450.

635 Hydrology and Water Resources (3) Principles and concepts of surface and subsurface hydrology. Origin, occurrence, and movement of water. Aquifers and water resources. Requisites: PR, GSCI 100.

640 Aqueous Environmental Geochemistry (3) Geochemistry of ground waters, surface waters, weathering, chemical sediments, and contamination of natural waters. GSCI 320 recommended. Requisites: PR, CHEM 122.

642 Applied Geophysics # (2) Survey of principles and methods of geophysics as applied to geologic structures. Requisites: PR, GSCI 450; co-requisite, GSCI 642L.

642L Applied Geophysics Lab (1) Requisites: co-requisite, GSCI 642.

644 Climatology (3) Climatology is the study of the long-term behavior of the Earth's atmosphere/ocean/land system. This course covers the definition of climate, processes within the climate system, climate classification, microclimates, paleoclimatology, climate change, and predictions of future climates. Requisites: Permission of Instructor.

645 Agricultural Geography () A survey of the origins, capital distributions, characteristics, and problems of the world's agricultural system. ON DEMAND.

650 Historical Geography of the United States () A survey of environmental philosophies, perceptions, and land uses that were influential during the settlement and development of the United States. ON DEMAND.

651 Field Studies in Geography + (1-6) A concentrated field study emphasizing the environment, resources, lifestyles, and/or problems of a designated territory of the world. Requisites: PERM.

652 Climate Change: Science and Impacts () In this seminar, students survey and discuss the theoretical background, observational record, model predictions, and impacts of climate change, particularly as driven by human activity.

653 Field Studies in Geology + (1-6) A concentrated field study of some topic or unit in an area where the instructor has exceptional expertise. Requisites: PERM.

655 Geographic Information Systems Programming (3) This course covers the application of programming languages towards the modification and development of Geographic Information Systems. Topics include: programming formats, GIS interface modification, design and development of GIS, objects-based programming, and data/network interconnectivity. Requisites: PR, GSCI 625.

657 Advanced Topics in Geosciences + (1-3) A concentrated study of some topic or unit. Regular lectures. Requisites: PERM.

660 Invertebrate Paleontology # (3) Study of the evolution of invertebrates as shown by their fossil remains. Requisites: PR, GSCI 202 or BIOL 260; CL, GSCI 660L.

660L Invertebrate Paleontology Lab (1) Lab or museum sessions or field trip. Requisites: co-requisite, GSCI 660.

662 Paleontology of the Lower Vertebrates # (3) Study of the evolution of fishes, amphibians, and reptiles as shown by their fossil remains. Requisites: PR, GSCI 202 or BIOL 200 or equivalent; co-requisite, GSCI 662L.

662L Paleontology of the Lower Vertebrates Lab (1) Lab or museum sessions or field trip. Requisites: co-requisite, GSCI 662.

663 Paleontology of the Higher Vertebrates # (3) Study of the evolution of birds, mammal-like reptiles, and mammals as shown by their fossil remains. Requisites: PR, GSCI 202 or BIOL 260 or equivalent; CL, GSCI 663L.

663L Paleontology of the Higher Vertebrates Lab (1) Lab or museum sessions or field trip. Requisites: co-requisite, GSCI 663.

665 Severe Storm Observations () This course is designed to introduce students to numerous weather forecasting, storm-spotting, and severe weather safety tools while attempting to target and observe severe weather in the Great Plains. Students must participate in a 10-day field trip that requires travel in a 10-passenger van and out-of-state lodging in hotels with classmates.

672 Readings in Geosciences + (1-3) Reading programs developed to fit the special needs of students in areas not represented in the regular curriculum. Requisites: PERM.

673 Problems in Geosciences + (1-3) An individual geosciences investigation chosen by the student and carried out under supervision. Requisites: PERM.

674 Aerial Photographs and Remote Sensing (3) Interpretation and analysis of aerial photographs and satellite imagery. Requisites: PR, MATH 110.

675 Seminar in Geosciences (1) Practicum to teach students the importance of professionalism, service in the discipline, and continuing education. Requisites: PERM.

676 Apprenticeship in Geosciences+ (1-3) Course is designed to provide practical experience in Geosciences. Requisites: PERM of department chair.

680 Sedimentology (3) Survey of modern and

ancient depositional environments emphasizing sedimentary facies concepts. Requisites: PR, GSCI 450; PERM.

684 Stratigraphy (3) A course in stratigraphic principles and regional stratigraphy of North America. Requisites: PR, GSCI 680.

685 Writing in the Sciences (3) Student will evaluate and synthesize scientific literature and apply critical-thinking and problem-solving skills to scientific applications. Students will communicate scientific material using various formats, including research proposals, papers, and posters.

695 Internship in Geosciences (3) Supervised work experience in an organization or department using the concepts of geography and geographic information systems to accomplish a task or produce a report. Supervision will be provided by both university and field supervisors. Requisites: PR, GSCI 685, PERM.

Graduate Credit

800 Scientific Research Design (2) Techniques and methods of writing scientific papers. Satisfies graduate research methods requirement. Requisites: PERM

866 Paleobiology (3) Survey of paleontological principles. Considers nature of fossil record, species concepts, theories of evolution and extinction,, paleo ecological analysis, and functional morphology. Requisites: PERM.

871 Institute in Geography () The institute will focus on the five fundamental themes of geography and the content and methods of geographic inquiry.

872 Readings in Geosciences + (1-3) Assigned reading in selected areas of geology. Requisites: PERM.

873 Problems in Geosciences + (1-3) An individual geographic investigation chosen by the student and carried out under supervision. Requisites: PERM.

874 Research in Geosciences + (1-3) Independent study of a geosciences problem, usually to provide material and data for a thesis. Requisites: PERM.

885 Stratigraphy of Western Kansas () Detailed study of physical and bio-stratigraphy of cretaceous and late cenozoic rocks in Western Kansas. Museum and field trips.

899 Thesis + (1-6) The written result of independent research. Requisites: PERM.

Department of Mathematics

When you excel at many mathematics applications, you set yourself up to be a coveted resource, expert and asset to provide leading-edge insights and advanced solutions to organizational challenges and opportunities.

If you are fascinated with the ways in which quantitative reasoning impacts our lives, the Department of Mathematics has a program that will appeal to you.

Learn how the principles of the various fields in mathematics work together to help you create innovative solutions and develop analytical skills to mathematically model your world. You will apply mathematics to a variety of issues, from data collection to mathematical theory. You will develop problem-solving skills through a combination of classroom learning with hands-on experience and strong faculty mentorship. Our diverse faculty members have a passion for teaching, and their guidance will challenge you to conquer any project you undertake, including:

- Working on current problems challenging the field of mathematics
- Developing computer programs to overcome issues encountered by software engineers
- Learning advanced teaching methods to pass on your love of mathematics to a new generation

Bachelor of Arts: Mathematics (Industrial/Academic)

General Education Courses: 34 hours

Major Courses: 45 hours

Cognate Courses: 5 hours

Modern Language Courses: 10 hours

Electives: 26+ hours

Total Minimum: 120 hours

Major Courses

Code Course Title Hours

CSCI 121 Computer Science I - 3 credit hours

MATH 234 Analytic Geometry and Calculus I - 5 credit hours

MATH 235 Analytic Geometry and Calculus II - 5 credit hours

MATH 236 Analytic Geometry and Calculus III - 3 credit hours

MATH 240 Linear Algebra - 3 credit hours

MATH 250 Elements of Statistics - 3 credit hours

MATH 301 Introduction to Proof - 3 credit hours

MATH 350 Mathematical Statistics - 3 credit hours

MATH 354 Differential Equations - 3 credit hours

MATH 610 Higher Algebra OR - 3 credit hours

MATH 646 Discrete Structures

MATH 631 Advanced Calculus

MATH 665 Numerical Analysis - 3 credit hours

MATH 675 Seminar in Mathematics - 1 credit hours

MATH 300+ Mathematics Elective - 3 credit hours

Cognate Courses

Code Course Title Hours

PHYS 211 Engineering Physics I - 4 credit hours

PHYS 211L Engineering Physics I Lab - 1 credit hours

Bachelor of Arts Mathematics (Middle School Math)

General Education Courses: 34 hours

Major Courses: 33 hours

Cognate Courses: 5 hours

Modern Language Courses in One Language: 10 hours

Electives: 38+ hours

Total Minimum: 120 hours

Major Courses

Code Course Title Hours

CSCI 121 Computer Science I - 3 credit hours

MATH 130 Precalculus Mathematics - 3 credit hours

MATH 180 Concepts of Elementary Mathematics - 3 credit hours

MATH 234 Analytic Geometry and Calculus I - 5 credit hours

MATH 250 Elements of Statistics - 3 credit hours

MATH 277 Early Field Experience - 1 credit hour

MATH 278 Apprenticeship in Mathematics - 2 credit hours

MATH 370 History of Mathematics - 3 credit hours

MATH 381 Teaching of Secondary School Math - 3 credit hours

MATH 620 Modern Geometry - 3 credit hours

MATH 675 Seminar - 1 credit hour
TEEL 360 Mathematics Methods - 3 credit hours

Cognate Courses

Code Course Title Hours

PHYS 111 Physics I - 4 credit hours
PHYS 111L Physics I Lab - 1 credit hours

Required Education Courses (31 credit hours)

Code Course Title Hours

TEEL 202 Foundations of Education - 3 credit hours
TEEL 231 Human Growth and Development - 3 credit hours
TESP 302 Educating Exceptional Students - 3 credit hours
TECS 301 Introduction to Instructional Technology - 3 credit hours
TEEL 431 Educational Psychology - 3 credit hours
TESS 494 The Secondary School Experience - 4 credit hours
TESS 496 Directed Teaching - 11 credit hours
TEEL 675 Student Teaching Portfolio - 1 credit hour

Cognate Courses for Teacher Education (15 credit hours)

Code Course Title Hours

ENG 101 English Composition I - 3 credit hours
ENG 102 English Composition II - 3 credit hours
INF 101 Introduction to Computer Information Systems - 3 credit hours
COMM 100 Fundamentals to Oral Communication - 3 credit hours
IDS 350 Diversity in the U.S. - 3 credit hours

Bachelor of Arts: Mathematics (Teaching)

General Education Courses: 34 hours

Major Courses: 47 hours

Cognate Courses: 5 hours

Modern Language Courses in One Language: 10 hours

Electives: 24+ hours

Total Minimum: 120 hours

Major Courses

Code Course Title Hours

CSCI 121 Computer Science I - 3 credit hours
MATH 234 Analytic Geometry and Calculus I - 5 credit hours
MATH 235 Analytic Geometry and Calculus II - 5 credit hours
MATH 236 Analytic Geometry and Calculus III - 3 credit hours
MATH 240 Linear Algebra - 3 credit hours
MATH 250 Elements of Statistics - 3 credit hours
MATH 277 Early Field Experience in – Math Ed - 1 credit hours
MATH 278 Apprenticeship in Mathematics - 2 credit hours
MATH 301 Introduction to Proof - 3 credit hours
MATH 350 Mathematical Statistics - - 3 credit hours
MATH 370 History of Mathematics - 3 credit hours
MATH 381 Teaching of Secondary School Math - 3 credit hours
MATH 610 Higher Algebra - 3 credit hours
MATH 620 Modern Geometry - 3 credit hours

MATH 675 Seminar in Mathematics - 1 credit hours
MATH 300+ Mathematics Elective - 3 credit hours

Cognate Courses

Code Course Title Hours

PHYS 211 Engineering Physics I - 4 credit hours
PHYS 211L Engineering Physics I Lab - 1 credit hours

For the dual major of Mathematics and Education, a candidate must also complete the curriculum below.

Required Education Courses (31 credit hours)

Code Course Title Hours

TEEL 202 Foundations of Education - 3 credit hours
TEEL 231 Human Growth and Development - 3 credit hours
TESP 302 Educating Exceptional Students - 3 credit hours
TECS 301 Introduction to Instructional Technology - 3 credit hours
TEEL 431 Educational Psychology - 3 credit hours
TESS 494 The Secondary School Experience - 4 credit hours
TESS 496 Directed Teaching - 11 credit hours
TEEL 675 Student Teaching Portfolio - 1 credit hour

Cognate Courses for Teacher Education (15 hours)

Code Course Title Hours

ENG 101 English Composition I - 3 credit hours
ENG 102 English Composition II - 3 credit hours
INF 101 Introduction to Computer Information Systems - 3 credit hours
COMM 100 Fundamentals to Oral Communication - 3 credit hours
IDS 350 Diversity in the U.S. - 3 credit hours

Bachelor of Science: Mathematics (Industrial/Academic)

General Education Courses: 34 hours

Major Courses: 45 hours

Cognate Courses: 5 hours

Electives: 36+ hours*

Total Minimum: 120 hours*

*** A candidate for a Bachelor of Science degree must complete 20 hours of Natural Science coursework**

Major Courses

Code Course Title Hours

CSCI 121 Computer Science I - 3 credit hours
MATH 234 Analytic Geometry and Calculus I - 5 credit hours
MATH 235 Analytic Geometry and Calculus II - 5 credit hours
MATH 236 Analytic Geometry and Calculus III 3 - credit hours
MATH 240 Linear Algebra - 3 credit hours
MATH 250 Elements of Statistics - 3 credit hours
MATH 301 Introduction to Proof - 3 credit hours
MATH 350 Mathematical Statistics - 3 credit hours
MATH 354 Differential Equations - 3 credit hours
MATH 610 Higher Algebra OR - 3 credit hours
MATH 646 Discrete Structures
MATH 631 Advanced Calculus - 4 credit hours
MATH 665 Numerical Analysis - 3 credit hours

MATH 675 Seminar in Mathematics - 1 credit hours
MATH 300+ Mathematics Elective - 3 credit hours

Cognate Courses

Code Course Title Hours

PHYS 211 Engineering Physics I - 4 credit hours
PHYS 211L Engineering Physics I Lab - 1 credit hours

Bachelor of Science: Mathematics (Middle School Math)

General Education Courses: 34 hours

Major Courses: 33 hours

Cognate Courses: 5 hours

Electives: 48+ hours*

Total Minimum: 120 hours *

***A candidate for a Bachelor of Science degree must complete 20 hours of Natural Science coursework outside the major area.**

Major Courses

Code Course Title Hours

CSCI 121 Computer Science I - 3 credit hours
MATH 130 Precalculus Mathematics - 3 credit hours
MATH 180 Concepts of Elementary Mathematics - 3 credit hours
MATH 234 Analytic Geometry and Calculus I - 5 credit hours
MATH 250 Elements of Statistics - 3 credit hours
MATH 277 Early Field Experience - 1 credit hour
MATH 278 Apprenticeship in Mathematics - 2 credit hours
MATH 370 History of Mathematics - 3 credit hours
MATH 381 Teaching of Secondary School Math - 3 credit hours
MATH 620 Modern Geometry - 3 credit hours
MATH 675 Seminar - 1 credit hour
TEEL 360 Mathematics Methods - 3 credit hours

Cognate Courses

Code Course Title Hours

PHYS 111 Physics I - 4 credit hours
PHYS 111L Physics I Lab - 1 credit hours

Required Education Courses (31 credit hours)

Code Course Title Hours

TEEL 202 Foundations of Education - 3 credit hours
TEEL 231 Human Growth and Development - 3 credit hours
TESP 302 Educating Exceptional Students - 3 credit hours
TECS 301 Introduction to Instructional Technology - 3 credit hours
TEEL 431 Educational Psychology - 3 credit hours
TESS 494 The Secondary School Experience - 4 credit hours
TESS 496 Directed Teaching - 11 credit hours
TEEL 675 Student Teaching Portfolio - 1 credit hour

Cognate Courses for Teacher Education (15 credit hours)

Code Course Title Hours

ENG 101 English Composition I - 3 credit hours
ENG 102 English Composition II - 3 credit hours
INF 101 Introduction to Computer Information Systems - 3 credit hours
COMM 100 Fundamentals to Oral Communication - 3 credit hours
IDS 350 Diversity in the U.S. - 3 credit hours

Bachelor of Science: Mathematics (Teaching)

General Education Courses: 34 hours

Major Courses: 47 hours

Cognate Courses: 5 hours

Electives: 34+ hours*

Total Minimum: 120 hours*

***A candidate for a Bachelor of Science degree must complete 20 hours of Natural Science coursework outside the major area.**

Major Courses

Code Course Title Hours

CSCI 121 Computer Science I - 3 credit hours
MATH 234 Analytic Geometry and Calculus I - 5 credit hours
MATH 235 Analytic Geometry and Calculus II - 5 credit hours
MATH 236 Analytic Geometry and Calculus III - 3 credit hours
MATH 240 Linear Algebra - 3 credit hours
MATH 250 Elements of Statistics - 3 credit hours
MATH 277 Early Field Experience in – Math Ed - 1 credit hours
MATH 278 Apprenticeship in Mathematics - 2 credit hours
MATH 301 Introduction to Proof - 3 credit hours
MATH 350 Mathematical Statistics - 3 credit hours
MATH 370 History of Mathematics - 3 credit hours
MATH 381 Teaching of Secondary School Math - 3 credit hours
MATH 610 Higher Algebra - 3 credit hours
MATH 620 Modern Geometry - 3 credit hours
MATH 675 Seminar in Mathematics - 1 credit hours
MATH 300+ Mathematics Elective - 3 credit hours

Cognate Courses

Code Course Title Hours

PHYS 211 Engineering Physics I - 4 credit hours
PHYS 211L Engineering Physics I Lab - 1 credit hours

For the dual major of Mathematics and Education, a candidate must also complete the curriculum below.

Required Education Courses (31 credit hours)

Code Course Title Hours

TEEL 202 Foundations of Education - 3 credit hours
TEEL 231 Human Growth and Development - 3 credit hours
TESP 302 Educating Exceptional Students - 3 credit hours
TECS 301 Introduction to Instructional Technology - 3 credit hours
TEEL 431 Educational Psychology - 3 credit hours
TESS 494 The Secondary School Experience - 4 credit hours
TESS 496 Directed Teaching - 11 credit hours
TEEL 675 Student Teaching Portfolio - 1 hour

Cognate Courses for Teacher Education (15 hours)

Code Course Title Hours

ENG 101 English Composition I - 3 credit hours
ENG 102 English Composition II 0- 3 credit hours
INF 101 Introduction to Computer Information Systems - 3 credit hours
COMM 100 Fundamentals to Oral Communication - 3 credit hours
IDS 350 Diversity in the U.S. - 3 credit hours

Master of Science in Education: Education (Mathematics)

The Master of Science in Education (MSE) with an Emphasis in Mathematics is a degree offered by the Department of Mathematics and the Department of Advanced Education. This degree is designed for a professional with a bachelor's degree in Mathematics Education who seeks to obtain the advanced training in mathematics education to teach at the college level.

To earn a Master of Science in Education with an emphasis in Mathematics, the student must have an undergraduate degree in Mathematics from an accredited institution, be admitted to the Graduate School (see

<https://www.fhsu.edu/academic/gradschl/admission/>), must complete a minimum of 15 hours of graduate level education courses and a minimum of 18 hours of combined graduate level mathematics content and mathematics pedagogy courses as described below.

Education Core Courses

AEP 800 Utilization of Technology - 3 credit hours
AEP 803 Educational Research - 3 credit hours
AEP 858 Data Analysis & Assessment - 3 credit hours
AEP 867 Instructional Design & Assessment - 3 credit hours
OR
MATH 870 Teaching Techniques in Mathematics - 3 credit hours
AEP 880 Cultural Diversity - 3 credit hours

Mathematics Content Courses (Choose for total of 9-12 hours)

MATH 631 Advanced Calculus I - 4 credit hours
MATH 645 Discrete Mathematical Models - 3 credit hours
MATH 650 Probability and Statistics - 3 credit hours
MATH 671 Theory of Numbers - 3 credit hours
MATH 673 Problems - 3 credit hours
MATH 805 Problems in the History of Mathematics - 3 credit hours
MATH 810 Abstract Algebra - 3 credit hours
MATH 831 Functions of a Complex Variable - 3 credit hours

Mathematics Pedagogy Courses (Choose for total of 6-9 hours)

MATH 881 Geometry and Measurement - 3 credit hours
MATH 882 Concepts of Algebra - 3 credit hours
MATH 883 Concepts of Calculus - 3 credit hours
MATH 885 Concepts of Probability and Statistics - 3 credit hours
MATH 886 Enrichment Topics in Mathematics - 1~3 credit hour(s)

Minor in Mathematics

To earn a minor in Mathematics, you must complete a minimum of 20 semester hours.

Major Courses

MATH 234 Analytic Geometry & Calculus I - 5 credit hours
MATH 235 Analytic Geometry & Calculus II - 5 credit hours

AND

MATH 236 Analytic Geometry & Calculus III - 3 credit hours

OR

MATH 240 Linear Algebra - 3 credit hours

AND two courses chosen from:

MATH 236 Analytic Geometry & Calculus III - 3 credit hours

MATH 240 Linear Algebra - 3 credit hours

CSCI 121 Computer Science I - 3 credit hours

MATH 350 Mathematical Statistics - 3 credit hours

MATH 354 Differential Equations - 3 credit hours

MATH 370 History of Mathematics - 3 credit hours

MATH 610 Higher Algebra - 3 credit hours

MATH 620 Modern Geometry - 3 credit hours

MATH 631 Advanced Calculus - 4 credit hours

MATH 646 Discrete Structure - 3 credit hours

AND

One Math elective numbered above 300 - 1 credit hour(s)

Course Listings – Mathematics

Undergraduate Credit

010 Intermediate Algebra (3) Remedial algebra content preparatory for MATH 110. Students completing this course will have 3 credit hours added to the minimum degree requirements.

101 Contemporary Mathematics* (3) This course offers a survey of various mathematical topics for the non-math/science major. In addition to skill development, mathematics will be studied with an emphasis on real-world application spanning many disciplines to support the concept that math impacts much of our everyday lives. Topics may include algebra, geometry, probability and statistics, the real number system, and logic.

105 College Algebra with Review () A study of equations, graphs, and inequalities for linear, quadratic, polynomial, rational, logarithmic, exponential, and absolute value functions. Transformations on graphs, complex numbers, circles, systems of inequalities, and systems of equations including matrices.

110 College Algebra* (3) No credit for those with credit in MATH 130. Absolute value, inequalities, linear and quadratic equations, complex numbers, quadratic formula, equations of lines, exponential and logarithmic functions, systems of equations and inequalities, functions, and the theory of equations. Requisites: PR, at least a C grade or better in MATH 010 or equivalent, or a probability of at least .50 of earning a C or better in College Algebra, listed on the ACT profile, or ACT Math score plus ACT Science score greater than or equal to 40 with neither Math nor Science score being less than 18.

122 Plane Trigonometry (3) Trigonometric functions, reduction formulas, graphs, trigonometric identities and equations, inverse functions, solution of triangles, and complex numbers. Requisites: PR, MATH 110 or ACT math percentile of at least 50 and 1-1/2 years of high school algebra and 1 year of geometry.

130 Pre-Calculus Mathematics (3) For students who are not prepared to start the analytic geometry-calculus sequence. In-depth study of the polynomial, rational, exponential and trigonometric functions, and their inverses. Requisites: PR, 1-1/2 units of high school algebra and 1 unit of high school geometry and an ACT math percentile of at least 76.

180 Concepts of Elementary Mathematics (3) For the prospective teacher of elementary school mathematics. The structure of the real number system is studied in detail. Requisites: PR, a grade of C or better in MATH 010, or ACT math percentile of at least 30.

221 Statics (3) Composition of and resolution of forces; equilibrium of force systems; application of general laws of statics, including use of vector algebra, friction, and force analysis of simple structures; centroids; moments of inertia. Requisites: PR, PHYS 111 or PHYS 211.

234 Analytic Geometry and Calculus I* (5) Analytic geometry; functions; limits and continuity; differentiation and integration of algebraic, exponential, logarithmic, and trigonometric function

applications of the derivative and integral. Requisites: PR, MATH 122, MATH 130, or equivalent.

235 Analytic Geometry and Calculus II (5) Techniques and applications of integration; sequences and series; improper integrals; indeterminate forms. Requisites: PR, a grade of C or better in MATH 234.

236 Analytic Geometry and Calculus III (3) Vector calculus; functions of several variables; partial derivatives; line integrals; multiple integrals. Requisites: PR, a grade of C or better in MATH 235.

240 Linear Algebra (3) Basic concepts and applications of linear algebra and matrix theory. Vector algebra in two, three, and N-dimensional space. Requisites: PR, MATH 235 or concurrent enrollment.

250 Elements of Statistics* (3) Distributions, measures of central tendency and dispersion, and sampling methods, hypothesis testing, correlation, and regression. Requisites: PR, Either MATH 101 or MATH 110; MIS 101; or PERM.

277 Early Field Experience: Mathematics Education (1) Provides prospective mathematics teachers with observation and experiences with school-age youth. Pass/No Credit.

278 Apprenticeship: Mathematics () A first course for the prospective middle or high school math teacher. Discussion of methodology for preparation and presentation of mathematical content, presentation of lessons, and review and mastery of 7-12 math content.

300 Survey of Mathematical Topics (1-3) An enrichment course in which several selected topics, not covered or inadequately covered in standard courses, will be presented.

301 Introduction to Proof (3) The course will focus on mathematical logic and the main proof techniques used in writing mathematical arguments. This will involve reading proofs to gain deep understanding, studying common mathematical logic statements and proof techniques, and to develop and communicate rigorous mathematical proofs. Proofs techniques will include, but not be limited to, direct (deductive) proof; proof by exhaustion; indirect proof (by contradiction, or by contrapositive); mathematical induction; disproof by counterexample. Requisites: PR, MATH 234.

320 Geometry for Elementary Teachers (3) An informal geometry course for teachers at K-8 levels. Topics include properties of two- and three-dimensional figures and measurement. Requisites: PR, MATH 180 or PERM.

331 Calculus Methods* (3) Non-math majors only. Concepts and methods of calculus. Applications from economics, business, psychology, geology, biology, agriculture. Requisites: PR, MATH 110 or an ACT math percentile of at least 70.

350 Mathematical Statistics (3) Descriptive statistics, basic prob-

ability, expected value, the binomial, Poisson, uniform, exponential and normal probability distributions, interval estimation, hypothesis testing, and linear correlation and regression. Requisites: MATH 235 and MATH 250.

354 Differential Equations (3) First order differential equations, linear equations with constant coefficients, and some special high-order equations, with applications. Requisites: PR, MATH 236.

370 History of Mathematics (2) A study of the historical development of modern mathematical ideas and the contributions of major mathematicians. Requisites: PR, MATH 235 or PERM.

381 Teaching of Secondary School Mathematics (3) Methods and materials for teaching secondary school mathematics. Provides experience in preparing and teaching lessons. Requisites: PR, MATH 276 and MATH 277 or PERM; admission to Teacher Education required.

Undergraduate/Graduate Credit

610 Higher Algebra (3) Properties of the algebraic systems, including rings, integral domains, fields, and groups. Requisites: PR, MATH 240 or PERM.

620 Modern Geometry (3) A survey of modern geometries and geometric concepts. Requisites: PR, MATH 235 or concurrent enrollment.

631 Advanced Calculus I (4) Functions of a single real variable: axioms for a complete ordered field, topology of the real line, Bolzano-Weierstrass and Heine-Borel theorems, sequences, continuity, differentiation, and Riemann integration. Requisites: PR, MATH 236.

632 Advanced Calculus II (3) Functions of several real variables: linear transformations, continuity and differentiability, inverse/implicit function theorems, multiple integrals, and line and surface integrals. Requisites: PR, MATH 631.

640 Mathematics for the Physical Sciences (3) An elementary working knowledge of the application of vector analysis differential equations, orthogonal functions, complex variables, probability, and statistics. Requisites: PR, MATH 235 or MATH 331.

645 Discrete Mathematical Models (3) An introduction to mathematical models. Topics include Markov chains, linear programming, game theory, and networks and flows. Requisites: PR, MATH 240 or PERM.

646 Discrete Structures (3) Discrete mathematical structures with applications in computer science/software engineering. Topics include semi-groups, groups, trees, graphs, and combinatorics. Requisites: PR, MATH 240 or PERM.

650 Probability and Statistics (3) Probability concepts and their application in statistics. Random variables, joint distributions, generating functions, sampling distributions, confidence intervals, hypothesis tests, least-squares, correlation. Requisites: PR, MATH 235 or PERM.

660 Partial Differential Equations (3) Partial differentiation. Solution of partial differential equations. Use of Fourier series in the solution of partial differential equations. Applications to problems of physics. Requisites: PR, MATH 354.

661 Applied Mathematics (3) Applications of mathematics to selected problems from areas outside mathematics, primarily from the natural sciences. Requisites: PR, MATH 240 and MATH 354 or PERM.

662 Vector Analysis (2) The algebra and geometry of vectors, the calculus of vectors with applications. An introduction to tensors as time permits. Requisites: PR, MATH 354 or concurrent enrollment.

665 Numerical Analysis (3) Numerical techniques for solving non-linear equations, systems of linear equations, and ordinary differential equations. Fixed-point iteration, interpolation, Romberg integration, and predictor-corrector methods. Requisites: PR, MATH 236.

670 Introduction to Set Theory and Metric Topology (3) Basic set theory and cardinal and ordinal numbers and their arithmetic. Basic concepts of topology, in the context of metric spaces. Recommended for teachers. Requisites: PR, MATH 235 or PERM.

671 Theory of Numbers (3) A study of theorems about integers. Topics include theorems on divisibility, theory of congruences, Diophantine equations, and quadratic reciprocity. Recommended for teachers. Requisites: PR, MATH 235.

673 Problems + (1-4) Miscellaneous problems from or an investigation of some phase of undergraduate mathematics possibly not treated in a regular course. Requisites: PERM.

675 Seminar in Mathematics + (1-3) Students prepare a paper on a mathematics or mathematics education topic and give an oral presentation to the seminar group. Requisites: PR, C or better in MATH 235.

686 Enrichment Topics in Mathematics + (1-3) Content varies but may be a study of supplementary topics to be used as enrichment in the teaching of mathematics in the elementary and secondary school.

Graduate Credit

770 Introduction to Set Theory and Metric Topology () Basic set theory and cardinal and ordinal numbers and their arithmetic. Basic concepts of topology in the context of metric spaces. Recommended for teachers.

771 Theory of Numbers () A study of theorems about integers. Topics include theorems on divisibility, theory of congruences, diophantine equations and quadratic reciprocity. Recommended for teachers.

773 Problems () Miscellaneous problems from or an investigation of some phase of undergraduate mathematics possibly not treated in a regular course.

805 Problems in the History of Mathematics (3) Emphasis on problem-solving strategies and historical development of various areas of mathematics. Designed for mathematics teachers. Requisites: PERM. Graduate credit only.

810 Abstract Algebra I (3) Theory of groups including normal sub-groups, quotient groups, and the Sylow theorems. Rings and integral domains; ideals; residue class rings; Euclidian rings. Requisites: PR, MATH 610.

811 Abstract Algebra II (3) Linear spaces and fields, including the real and complex fields, extension fields, and the elements of Galois theory. Requisites: PR, MATH 610.

830 Elementary Topology (3) Development of basic topological concepts such as continuity, metrizable, connectedness, compactness, and various separation properties. Requisites: PERM.

831 Functions of a Complex Variable (3) Algebraic and geometric representation of complex numbers, power series, analytic functions, differentiation and integration, transformations. Requisites: PR, MATH 236 or PERM.

833 Functions of a Real Variable (3) A study of the classical theory of functions of a real variable, measure and integration, point set topology, and normed linear spaces. Requisites: PR, MATH 631 or PERM.

850 Theory of Probability (3) A study of probability based on measure theory. Random variables, characteristic functions, law of large numbers, and the central limit theorem. Requisites: PR, MATH 833.

870 Teaching Techniques (3) Techniques of teaching mathematics for the teacher in-service. Topics include research results applied to learning strategies and curriculum design. Requisites: PERM.

872 Readings in Mathematics Education + (1-3) Directed readings and written reports on recent literature in mathematics education. Requisites: PR, mathematics major or PERM.

875 Seminar (1-3) Students prepare a research paper on an approved topic in mathematics or mathematics education and give an oral presentation to the seminar group. Requisites: PERM.

880 Mathematics Workshop for Teachers (1-3) Topics of current interest and value for practicing teachers.

881 Geometry and Measurement (3) Issues and trends in the teaching of geometry; content areas in geometry; roles of axiomatics; and problem solving in geometry.

882 Concepts of Algebra (3) Issues and trends in the teaching of algebra; balance between rigor and manipulation in algebra; content areas in algebra; enrichment; and problem solving in algebra.

883 Concepts of Calculus (3) Deals with content choices for advanced mathematics courses and methods of teaching advanced mathematics students.

884 Teaching Problem Solving in Mathematics (3) Content includes the role of problem solving in the school curriculum and methods of teaching problem solving.

885 Concepts of Probability and Statistics (3) The non-college bound mathematics curriculum and methods of teaching non-college bound students.

886 Enrichment Topics in Mathematics + (1-3) Content varies but may be a study of supplementary topics to be used as enrichment in the teaching of mathematics in the elementary and secondary school.

899 Thesis + (1-5)

*General Education course

+Course may be repeated

#Lab required

PERM: Permission

PR: Pre-requisite

Department of Physics

If you are interested in a physics career, we know you are already inspired to study space, time, matter and energy and eager to advance your grasp of the vast physical world around us.

Our physics program will provide you with a strong foundation in the logic and philosophy of physics as well as opportunities for high-level scientific research, theory and practical, outcome-seeking experimentation. You will examine matter at every level, from subatomic particles to the galaxies, through theory and practical experimentation.

We welcome your intensely curious ways and desire to seek satisfying explanations about the world we live in. If you enjoy mathematics and analysis, you will learn to solve complex, real-world problems as you accomplish your academic and career goals backed by the following resources and services:

- Exceptional faculty will mentor you and help you get involved in the world of research early on in your college career
- The resources of a state university with a small college atmosphere where you don't have to “wait your turn” to get involved in research
- Hands-on learning experience in areas like robotics, laser bio-effects, atomic physics, material science, and more through our quality academic programs
- Share your passion for physics with classmates through science-driven student organizations
- Unique internships and research opportunities with leading scientists around the country will expose you to new cultures and ideas
- Small classes afford you the attention that ensures your success at engineering school, in your career and throughout your life
- The skills you learn, combined with extensive undergraduate research experience, will help you secure a rewarding career or earn acceptance to prominent graduate school programs

So You Want To Be An Engineer? We have a Pre-Engineering (2+2) program; Dual Degree (3+2) program or a Physics degree

Bachelor of Arts: Physics

Major

Introduction to Physics (16 hrs)

PHYS 100 Intro. Physics and Engineering- 3

PHYS 211 Engineering Physics I* - 5

PHYS 212 Engineering Physics II* - 5

PHYS 313 Modern Physics - 3

Projects (1 hr)

PHYS 603 Projects I - 1

PHYS 675 Seminar I - 1

Physics Electives (12 hrs)

PHYS 213 Scientific Computing and Production - 3

PHYS 221 Statics - 3

PHYS 331 Electronic Circuits - 3

PHYS 332 Analog and Digital Electronics -3

PHYS 333 Introduction to Computational Physics - 3

PHYS 620 Math Physics -3

PHYS 621 Mechanics -3

PHYS 632 Electricity and Magnetism -3

PHYS 652 Optics -3

PHYS 672 Thermal Physics -3

PHYS 677 Quantum Mechanics I - 3

Laboratory Electives (1 hr)

PHYS 601 Computational Physics Lab -1

PHYS 651 Advanced Lab I -1

PHYS 654 Advanced Lab II -1

Cognates (22 hrs)

CHEM 120 University Chemistry I* - 5

MATH 234 Calculus I[^] -5

MATH 235 Calculus II[^] -5

MATH 236 Calculus III[^] -3

MATH 354 Differential Equations -3

UNIV 101 Freshman Seminar - 1

Free Electives (37 hrs)

These courses are suggested, not required

CHEM 122 University Chemistry II* -5

MATH 240 Linear Algebra -3

MATH 350 Mathematical Statistics -3

CSCI 121 Computer Science I -3

Kansas Board of Regents General Education (27 hours)

English Composition I -3

English Composition II -3

Fundamentals of Communication -3

Social or Behavioral Science Course -3

Social or Behavioral Science Course -3

Critical Thinking -3

Personal and Professional Development Course -3

Modern Languages

MLNG 201 Beginning Language I -

MLNG 202 Beginning Language II -

LEGEND

*Course has a lab requirement

^Course satisfies FHSU CORE

+Advanced Electives can be substituted for Intern. Electives

Degree requires a minimum of 45 hours upper division

TOTAL HOURS: 120

Bachelor of Science: Physics

Major

Introduction to Physics (16 hrs)

PHYS 100 Intro. Physics and Engineering- 3

PHYS 211 Engineering Physics I* - 5

PHYS 212 Engineering Physics II* - 5

PHYS 313 Modern Physics - 3

Projects (1 hr)

PHYS 603 Projects I - 1

PHYS 675 Seminar I - 1

Intermediate Physics (9 hrs)

PHYS 213 Scientific Computing and Production - 3

PHYS 221 Statics - 3

PHYS 331 Electronic Circuits - 3

PHYS 332 Analog and Digital Electronics -3

PHYS 333 Introduction to Computational Physics - 3

Advanced Physics Electives (15 hrs)

PHYS 620 Math Physics -3

PHYS 621 Mechanics -3

PHYS 632 Electricity and Magnetism -3

PHYS 652 Optics -3

PHYS 660 Solid State Physics -3

PHYS 672 Thermal Physics -3

PHYS 677 Quantum Mechanics I – 3

PHYS 678 Quantum Mechanics II -3

Laboratory Electives (1 hr)

PHYS 601 Computational Physics Lab -1

PHYS 651 Advanced Lab I -1

PHYS 654 Advanced Lab II -1

Cognates (22 hrs)

CHEM 120 University Chemistry I* - 5

MATH 234 Calculus I[^] -5

MATH 235 Calculus II[^] -5

MATH 236 Calculus III[^] -3

MATH 354 Differential Equations -3

UNIV 101 Freshman Seminar - 1

Free Electives (27 hrs)

These courses are suggested, not required

CHEM 122 University Chemistry II* -5

MATH 240 Linear Algebra -3

MATH 350 Mathematical Statistics -3

CSCI 121 Computer Science I -3

Kansas Board of Regents General Education (27 hrs)

English Composition I -3

English Composition II -3

Fundamentals of Communication -3

Social or Behavioral Science Course -3

Social or Behavioral Science Course -3

Arts or Humanities Course -3

Arts or Humanities Course -3

Critical Thinking -3

Personal and Professional Development Course -3

LEGEND

*Course has a lab requirement

^Course satisfies General Education requirement

+Advanced Electives can be substituted for Interim. Electives

- Outcome met with course requirement by degree

Degree requires a minimum of 45 hours upper division

TOTAL HOURS: 120

2+2 Physics and Engineering Program

If you're interested in pursuing the 2+2 program, you will work closely with an academic advisor to determine the best sequence of courses you need to take in order to meet your education and career objectives.

In addition to Fort Hays State University's general education program, 2+2 students *typically* take the following courses:

- PHYS 100 Introduction to Physics and Engineering (3 Credit Hours)
- PHYS 211/211L Engineering Physics I and Lab I (5 Credit Hours)
- PHYS 212/212L Engineering Physics II and Lab II(5 Credit Hours)
- PHYS 221 Statics (3 Credit Hours)
- PHYS 331 Electronic Circuits (3 Credit Hours)
- MATH 234 Analytic Geometry and Calculus I (5 Credit Hours)
- MATH 235 Analytic Geometry and Calculus II (5 Credit Hours)
- MATH 236 Analytic Geometry and Calculus III (3 Credit Hours)
- MATH 354 Differential Equations (3 Credit Hours)
- CHEM 120/120L University Chemistry I and Lab I (5 Credit Hours)
- ECON 202 Principles of Macroeconomics (3 Credit Hours)

3+2 Dual Physics Program

Major

Introduction to Physics (16 hrs)

PHYS 100 Intro. Physics and Engineering- 3

PHYS 211 Engineering Physics I* ^- 5

PHYS 212 Engineering Physics II* - 5

PHYS 313 Modern Physics - 3

Projects (1 hr)

PHYS 603 Projects I - 1

PHYS 675 Seminar I - 1

Intermediate Physics (9 hrs)

PHYS 213 Scientific Computing and Production - 3

PHYS 221 Statics - 3

PHYS 331 Electronic Circuits - 3
PHYS 332 Analog and Digital Electronics -3
PHYS 333 Introduction to Computational Physics - 3

Advanced Physics Electives (9 hrs)

PHYS 620 Math Physics -3
PHYS 621 Mechanics -3
PHYS 632 Electricity and Magnetism -3
PHYS 652 Optics -3
PHYS 660 Solid State Physics
PHYS 672 Thermal Physics -3
PHYS 677 Quantum Mechanics I – 3
PHYS 678 Quantum Mechanics II

Laboratory Electives (1 hr)

PHYS 601 Computational Physics Lab -1
PHYS 651 Advanced Lab I -1
PHYS 654 Advanced Lab II -1

Cognates (22 hrs)

CHEM 120 University Chemistry I* - 5
MATH 234 Calculus I[^] -5
MATH 235 Calculus II -5
MATH 236 Calculus III -3
MATH 354 Differential Equations -3
UNIV 101 Freshman Seminar - 1

Free Electives (5 hrs)

Kansas Board of Regents General Education (27 hrs)

English Composition I -3
English Composition II -3
Fundamentals of Oral Communication -3
Social or Behavioral Science Course -3
Social or Behavioral Science Course -3
Arts or Humanities Course -3
Arts or Humanities Course -3
Critical Thinking -3
Personal and Professional Development Course -3

LEGEND

*Course has a lab requirement

- ^Course satisfies General Education requirement
 - +Advanced Electives can be substituted for Intern. Electives
 - Outcome met with course requirement by degree
- Degree requires a minimum of 45 hours upper division

TOTAL HOURS: 120

Minor in Physics

A minor allows you to perfect your problem-solving skills while maintaining your degree focus.

You will take 20 credit hours of Physics classes including Physics I and II as well as Concepts of Modern Physics or Atomic Physics. You can choose the rest of the courses for your minor from the range of interesting and innovative classes offered by the Department of Physics.

Course Listings - Physics

Undergraduate Credit

100 Introduction to Physics and Engineering (3)

Succeeding in Physics and Engineering (3) The course will introduce the physics and engineering disciplines and develop the student's abilities in problem solving, experimental design and technical writing through individual and group activities. Career fields and pathways in physics and engineering will also be explored.

102 Physical Science* (3) Concepts of the physical sciences are presented as related to our physical environment for students who have little or no previous physical science. Basic high school level math skills are expected.

103 Physical Science Laboratory* (1) The process of science is investigated including observation, data collection, predicting, and formulating hypotheses by selecting activities from the broad physical science areas of chemistry, geology, meteorology, astronomy, and physics. This laboratory meets for two contact hours per week. Requisites: PR or co-requisite, PHYS 102 or PHYS 208 or PHYS 309.

104 Conceptual Physics (3) A brief introduction to physics with the idea of conveying physics as a human activity. Concepts of physics, as well as their historical and philosophical implications, are stressed rather than mathematical concepts.

111 Physics I # (4) An introduction to forces, motion, matter, and energy with special emphasis to life sciences. Designed for pre-professional students, life-science majors, the general liberal arts student, and prospective teachers. Requisites: PR, MATH 110; co-requisite, PHYS 111L.

111L Physics I Laboratory (1) Requisites: co-requisite, PHYS 111.

112 Physics II # (4) A continuation of introductory physics covering wave motion (includes light and sound), electricity and magnetism, and modern physics again stressing applications to the life sciences in each of those areas. Requisites: PR, PHYS 111 or equivalent; co-requisite, PHYS 112L.

112L Physics II Laboratory (1) Requisites: co-requisite, PHYS 112.

208 Elementary Meteorology* (3) A study of weather phenomena, general climatology, meteorological controls, and the techniques and problems of weather forecasting.

211 Engineering Physics I # (4) A calculus-based study of mechanics, wave motion, and thermodynamics for majors in science and engineering. Requisites: PR,

MATH 234 or MATH 331 or concurrent enrollment; co-requisite, PHYS 211L.

211L Engineering Physics I Laboratory (1) Requisites: co-requisite, PHYS 211.

212 Engineering Physics II # (4) A calculus-based study of electricity, magnetism, and optics. Requisites: PR, PHYS 211 and MATH 235 or concurrent enrollment or MATH 331; co-requisite, PHYS 212L.

212L Engineering Physics II Laboratory (1) Requisites: co-requisite, PHYS 212.

221 Statics (3) Coplanar forces, friction, force analysis of simple structures, and machine elements (cross referenced with MATH 221). Requisites: PR, PHYS 211.

277 Early Field Experience: Physical Science Education (1) Pass/No Credit. Requisites: PERM.

303 Applied Business (3) A study of principles and application of mechanics, thermodynamics, electricity and magnetism with particular emphasis on applications in applied technology.

309 Descriptive Astronomy * (3) Topics include the history of astronomy, constellation identification, characteristics and evolution of stars and galaxies, the nature of our solar system, and the search for extraterrestrial life. A few night observations.

312 Scientific Computing and Productivity (0) An introduction to the Linux operating system and its use in many fields of science. Several tools used for creating plots, analyzing data, writing scientific papers, and running simulations are covered.

313 Modern Physics (3) A survey of atomic physics, relativity, and an introduction to quantum theory. Requisites: PR, PHYS 112 or PHYS 212 and MATH 235 or MATH 331.

331 Electronic Circuits (3) An introduction to the study of electronic circuits. Included are circuit theory, diodes, transistors, and integrated circuits as used in power supplies, amplifiers, and logic circuitry. Requisites: PR, PHYS 112 or PHYS 212 and MATH 235 or MATH 331.

332 Analog and Digital Electronics (3) This course is an introduction to the principles and characteristics of reactive and active circuits and the concepts of digital circuits. Requisites: PR, PHYS 112 or PHYS 212 and MATH 235 or MATH 331.

333 Introduction to Computational Physics (3) An introduction to the methods used to solve problems in science and engineering by utilizing freely available software. The course will emphasize utilizing existing software libraries to solve problems that are not feasible using analytical techniques. Data visualization and computer graphics will also be introduced. Course Eligibility: Student has completed PHYS 211- Engineering Physics I or PERM.

476 Apprenticeship--Physical Science (1-3) This course is designed to provide practical experience in teaching and administration in physical science. Requisites: PERM.

Undergraduate/Graduate Credit

601 Computational Physics Laboratory (1) Analysis of experimental data using computers to perform common analyses including statistics, function fitting, data filtering, and error correction. An emphasis will be given to automation. In addition students will conduct experiments to analyze various aspects of numerical methods used in data analysis and simulation. PR: PHYS 213, PHYS 333.

603 Projects I + (1-3) Provides an opportunity for participants to select a project for study. May be repeated for credit so long as content is not duplicated. Requisites: PERM.

608 Special Topics I + (1-5) Topics selected from areas of physics such as classical mechanics, modern physics, relativity, and wave mechanics are studied from a theoretical viewpoint. Requisites: PERM.

620 Mathematics for the Physical Sciences (3) An elementary working knowledge of the application of vector analysis, differential equations, orthogonal functions, complex variables, probability, and statistics. Requisites: PR, MATH 235 or MATH 331. May also be used as MATH 640 Mathematics for the Physical Sciences.

621 Mechanics (3) A study of the motion of particles and rigid bodies using methods of calculus and vector algebra. Includes an introduction to Lagrange equations. Requisites: PR, PHYS 111 or PHYS 211 and MATH 354 or concurrent enrollment.

632 Electricity and Magnetism (3) A study of electrostatics, magneto statics, and Maxwell's equations. Requisites: PR, PHYS 112 or PHYS 212 and MATH 354.

651 Advanced Laboratory I (1) Students will conduct experiments in the areas of optics, electricity and magnetism, heat, mechanics, and atomic physics. Requisites: PR, PHYS 301 or PHYS 313 or concurrent enrollment.

652 Optics (3) A study of geometrical and physical optics. Taught spring semester of even-numbered years. Requisites: PR, PHYS 301 or PHYS 313 and MATH 354.

654 Advanced Laboratory II (1) Continuation of PHYS 651. Experiments in various fields of modern physics such as gamma and x-ray spectroscopy, atomic physics, and nuclear physics. Requisites: PR, PHYS 301 or PHYS 313 or concurrent enrollment.

660 Solid State Physics (3) An introduction to the physics governing the crystalline state of matter. Modern theories describing lattice vibrations, energy bands, crystal binding, and optical properties are presented. These ideas are then applied to the understanding of technologically important areas such as superconductivity, doped semiconductors, ferroelectric materials, and photo refractivity. Requisites: PR, PHYS 212 and MATH 354.

670 Workshop I + (1-5) Concentrated study by teachers of selected areas from the natural sciences. Problems of special interest to teachers will be discussed. May be repeated for credit as long as subject matter is not duplicated.

672 Thermal Physics (3) A study of temperature, heat, heat transfer, entropy, the kinetic theory of gases, and statistical mechanics. Taught spring semester of odd-numbered years. Requisites: PR, PHYS 301 or PHYS 313 and MATH 354.

673 Special Problems I + (1-5) Opportunity is given for advanced students to work on problems of their own choosing. Requisites: PERM.

675 Senior Seminar + (1) An experimental or theoretical project will be undertaken by the student and the results reported in a seminar. Students who have not yet taken the ETS major field test in physics are required to do so while enrolled in Seminar. Requisites: PR, PHYS 654 or concurrent enrollment.

676 Apprenticeship in Physical Science Teaching (1-3) This course is designed to provide practical experience in teaching and administration in physics and physical science. Requisites: PERM.

677 Quantum Mechanics I (3) Course covers wave mechanics, postulates of quantum mechanics, angular momentum, particles and spin.

678 Quantum Mechanics II (3) Course covers perturbation theory, scattering, atoms, molecules and nuclei.

*General Education course

+Course may be repeated

#Lab required

PERM: Permission

PR: Pre-requisite

ⁱ Course descriptions of new courses:

CRJ 210: Criminalistics

This course will explore patterns of forensic evidence across crime types. It will build upon the previous course in the sequence by examining high profile cases and the

combinations of forensic evidence collected at the scene. It will then provide an overview of the information that evidence provides within a case.

BIOL 685 Molecular Biology

This course will explore the interface between genetics and biochemistry. Students will delve into the concepts underlying how

biomolecules interact in various parts of the cell, focusing heavily on DNA replication, transcription, and translation.