GEOSCIENCES | BACHELOR OF ARTS: ENVIRONMENTAL GEOSCIENCES

Program Summary

Code	Title	Hours
General Education		34
Bachelor of Arts Language Requirement		10
Major Core Courses		28-29
Cognates		19
Directed Electives		6
Open Electives [1]		22-33
Total Hours		**120**

[1] Open electives are the credit hours required to reach a minimum of 120 total hours and 45 upper-level hours. The number listed assumes all courses are completed at FHSU as listed. This number may vary if students transfer courses, or have individual substitutions allowed.   Students should speak with their advisor if either situation applies to determine if the number will vary, and to ensure they enroll in a minimum of 45 upper-level hours.

Students entering within 1 year of high school graduation will take UNIV 101 Freshman Seminar and may apply that hour in the open elective category.

Program Requirements

General Education

All undergraduate degrees require completion of the Kansas Systemwide General Education (https://catalog.fhsu.edu/general-education/).

Courses identified with [GE] on this page may satisfy a general education requirement in addition to the identified degree requirement. Students who apply a degree requirement to satisfy a general education requirement will typically add an equal number of hours to the the university elective category. This flexibility may allow you to complete a minor or certificate within the 120 hour degree. Transfer students and students majoring in programs with approved exceptions (https://www.fhsu.edu/general-education/documents/fhsu-gen-ed-transfer-exceptions-explainer1.pdf) are especially encouraged to select these courses in completing General Education requirements to maximize the likelihood of completing the degree with 120 credit hours.

Code	Title	Hours
General Education		**34-35**

BA Language Requirement

All FHSU students pursuing a BA degree are required to take two consecutive non-English language classes. Students taking beginning Spanish or French classes may be able to apply the first class to the Arts and Humanities area of the general education requirement.

Code	Title	Hours
Bachelor of Arts Language Requirement		**10**

Code	Title	Hours
Major Core Courses		
GSCI 100	Exploring Earth [GE]	3
GSCI 101	Earth and Environmental Systems [GE]	3
GSCI 102	Exploring Earth Laboratory [GE]	1
GSCI 105	Cultural Geography	3
GSCI 240	Introduction to Geographic Information Systems (GIS)	3
GSCI 330	Remote Sensing Concepts	3
GSCI 340	Humans, Rocks, and the Environment [GE]	3
GSCI 360	Intermediate Geographic Information Systems	3
GSCI 685	Writing in the Sciences	3
Select one course from the following:		3-4
GSCI 630	Geostatistics and Spatial Data Analysis	
MATH 250	Elements of Statistics	
BIOL 620 & 620L	Biostatistics and Biostatistics Lab	
Cognates		
BIOL 200	Humans and the Environment [GE]	3
BIOL 499	Global Environmental Issues	3
CHEM 100	The Chemist's View of the World [GE]	3
GSCI 110	World Geography [GE]	3
LDRS 407	Global Challenges [GE]	3
PHYS 102	Physical Science [GE]	3
PHYS 103	Physical Science Laboratory [GE]	1
Upper Division Directed Electives		
Select 6 credits of the following:		6
GSCI 321	United States Geography	
GSCI 350	Geologic Hazards	
GSCI 355	Field Trips in Geology	
GSCI 600	Kansas Geography	
GSCI 603	Urban Geography: A Global Perspective	
GSCI 635	Hydrology and Water Resources	
GSCI 651	Field Studies in Geography	
GSCI 674	Aerial Photographs and Remote Sensing	
GSCI 695	Internship in Geosciences	
Total Hours		**53-54**

Degree Requirements

Code	Title	Hours
Bachelor of Arts Degree Language Requirement		
Two consecutive semesters of a non-English Language		
All bachelor degrees require:		
GPA of 2.0 on FHSU courses & 2.0 on all coursework (Higher program requirements prevail over the 2.0 when set)		
A minimum of 30 hours earned from FHSU with a grade of D, C, B, or A		
Successful completion of an upper division Writing and Information Literacy course (Most majors contain a course designated)		
A minimum of 45 hours of recognized upper division credit		
A minimum of 120 hours of recognized college credit		