

# APPLIED TECHNOLOGY | BACHELOR OF SCIENCE IN TECHNOLOGY STUDIES (CONSTRUCTION MANAGEMENT)

## Degree Maps

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
UNIV 101	Freshman Seminar	1
SGE010 - English Discipline Area		3
LDRS 200	Discovering Leadership	3
SGE050 - Social Behavioral Sciences Discipline Area		3
TECS 130	STEM in Technology Systems	3
TECS 318	Introduction to ComputerAided Drafting	3
TECS 180	Materials, Processes, and Production	3
<b>Hours</b>		<b>19</b>
<b>Spring</b>		
SGE070 - Institutionally Designated Area: Critical Thinking		3
SGE060 - Arts Humanities Discipline Area		3
SGE010 - English Discipline Area		3
TECS 120	Power, Energy, and Transportation	3
TECS 200	Engineering Graphics	3
<b>Hours</b>		<b>15</b>
<b>Sophomore</b>		
<b>Fall</b>		
SGE030 - Math Statistics Discipline Area		
MATH 101	Contemporary Mathematics <sup>1, GE</sup>	3
SGE020 - Communication Discipline Area		3
TECS 312	Graphic Communication Techniques	3
TECS 484	Site Preparation and Foundation	3
GBUS 204	Business Law I	3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
SGE060 - Arts Humanities Discipline Area		3
SGE040 - Natural Physical Science Discipline Area		
PHYS 102 & PHYS 103	Physical Science and Physical Science Laboratory <sup>1, GE</sup>	4
TECS 415	Construction Graphics	3
TECS 485	Building Construction	3
Directed Electives		3
<b>Hours</b>		<b>16</b>
<b>Junior</b>		
<b>Fall</b>		
TECS 391	Technology in Society	3
TECS 382	Construction Estimating and Scheduling	3
TECS 495	Training and Instructional Systems	3
MATH 250	Elements of Statistics	3
Directed Electives		3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
TECS 380	Construction Material and Testing	3
TECS 385	Construction Planning and Design	3
TECS 480	Industrial Management	3
GSCI 240	Introduction to Geographic Information Systems (GIS)	3

Directed Choices		3
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
TECS 490	Occupational Safety, Health, and Liability	2
TECS 475	Mechanical and Electrical Systems	3
MGT 301	Management Principles	3
Open Electives		5
<b>Hours</b>		<b>13</b>
<b>Spring</b>		
TECS 499	Internship	9
MGT 411	Applied Management Skills	3
<b>Hours</b>		<b>12</b>
<b>Total Hours</b>		<b>120</b>

**Academic Degree Maps** are term-by-term sample course plans that specify milestones, courses, and special requirements that are necessary for facilitating on-time completion. Degree Maps are *examples* and are not prescriptive. Individualized choices such as concentration options, transfer credits, optional minors, advisory programs (certificates), etc. can alter the recommended coursework. Course offerings are subject to change. Students should consult with their academic advisors for additional guidance on course planning.

To determine courses to take in the directed choices (often listed as Program Elective Course) and directed elective course blocks see the overview tab for courses. To locate approved courses in General Education areas (Undergraduate Programs) see the general education section (<https://catalog.fhsu.edu/general-education/>) of the catalog.

The undergraduate course maps typically advise the most efficient route for students to complete the general education requirements. Courses that are required in the major may be listed as fulfilling relevant general education requirements. This will result in more open elective course hours in some maps than is listed on the degree overview page.