

# BIOLOGICAL SCIENCES | BACHELOR OF SCIENCE: BIOLOGY (GENERAL BIOLOGY)

## Degree Maps

Course	Title	Hours
<b>First Year</b>		
<b>Fall</b>		
MATH 110	College Algebra	3
ENG 101	English Composition I	3
CHEM 120 & 120L	University Chemistry I and University Chemistry Laboratory I	5
UNIV 101	Freshman Seminar	1
BIOL 180 & 180L	Principles of Biology and Principles of Biology Laboratory	4
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
ENG 102	English Composition II	3
CHEM 122 & 122L	University Chemistry II and University Chemistry Laboratory II	5
MATH 250	Elements of Statistics	3
BIOL 250 & 250L	Botany and Botany Laboratory	4
<b>Hours</b>		<b>15</b>
<b>Second Year</b>		
<b>Fall</b>		
SGE050 - Social Behavioral Sciences Discipline Area		3
MATH 331	Calculus Methods	3
COMM 100	Fundamentals of Oral Communication	3
SGE070 - Institutionally Designated Area: Personal and Professional Development		3
BIOL 325 & 325L	Genetics and Genetics Laboratory	4
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
SGE060 - Arts Humanities Discipline Area		3
Open Electives		3
BIOL 260 & 260L	Zoology and Zoology Laboratory	4
Open Electives		3
<b>Hours</b>		<b>13</b>
<b>Third Year</b>		
<b>Fall</b>		
SGE070 - Institutionally Designated Area: Critical Thinking		3
BIOL 230 & 230L	Anatomy and Physiology I and Anatomy and Physiology I Laboratory	4
BIOL 395	Ecology	3
SGE050 - Social Behavioral Sciences Discipline Area		3
Open Electives		3
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
BIOL 442	Scientific Communication	3
Open Electives		3
Directed Electives		4
BIOL 231 & 231L	Anatomy and Physiology II and Anatomy and Physiology II Laboratory	4
<b>Hours</b>		<b>14</b>
<b>Fourth Year</b>		
<b>Fall</b>		
Open Electives		3

Directed Electives	4	
Open Electives	3	
Directed Electives	3	
SGE060 - Arts Humanities Discipline Area	3	
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
Directed Electives	4	
Directed Electives	4	
Open Electives	3	
Open Electives	3	
<b>Hours</b>		<b>14</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.