

Senior Seminar

Area 1
Micro/Disease
1. Microbiology
2. Animal
Physiology

1 course from each
of the 4 Areas

Area 3
Ecology
1. Animal
Behavior
2. Ecology

Area 2
Cellular
1. Molecular Cell
Biology
2. Embryology
3. Immunology

Area 4
Systematics
1. Plant
Systematics
2. Vertebrate
Zoology

Juniors &
Seniors:

Evolution & Experiential Learning
(General Physics I and II)

Sophomores:

Genetics & Experimental Biology
Organic Chemistry I (and II)

Freshmen:

Principles of Biology I and II
General Chemistry I and II
Introductory Statistics

Biology Curriculum Plan for students with Math ACT (SAT) >20 (500)

	Fall	Spring
Senior	<ol style="list-style-type: none"> 1. Area 3 or 4 course 2. Area 1 or 2 course 3. Experiential Learning 	<ol style="list-style-type: none"> 1. Area 1 or 2 course 2. Senior Seminar
Junior	<ol style="list-style-type: none"> 1. Area 3 or 4 course 2. Area 1 or 2 course 3. (General Physics I) 	<ol style="list-style-type: none"> 1. Area 1 or 2 course 2. Evolution 3. (General Physics II)
Sophomore	<ol style="list-style-type: none"> 1. Genetics 2. Organic Chemistry I 3. (Elementary Statistics) 4. (Fundamentals of Human Communication) 5. General Education Courses 	<ol style="list-style-type: none"> 1. Experimental Biology 2. (Organic Chemistry II) 3. General Education Courses
Freshman	<ol style="list-style-type: none"> 1. Principles of Biology I 2. General Chemistry I 3. Freshman Seminar 4. English Composition I or II 	<ol style="list-style-type: none"> 1. Principles of Biology II 2. General Chemistry II 3. English Composition II or Fundamentals of Human Communication 4. Elementary Statistics

NOTE: There are not official prerequisites for these courses, but some HIGH SCHOOL BIOLOGY and CHEMISTRY experience and PROFICIENCY in ALGEBRA is strongly recommended. It is also recommended that students with MATH ACT/SAT scores LOWER than 20/500 earn a C grade or better in CHEM 105, MATH 110, 112, 115, 130, or 161 prior to taking this curriculum.

Biology Curriculum Plan for students with Math ACT (SAT) <20 (500)

	Fall	Spring
Senior	<ol style="list-style-type: none"> 1. Area 3 or 4 course 2. Area 1 or 2 course 3. Experiential Learning 	<ol style="list-style-type: none"> 1. Area 1 or 2 course 2. (Evolution) 3. Senior Seminar
Junior	<ol style="list-style-type: none"> 1. Area 3 or 4 course 2. Area 1 or 2 course 3. Organic Chemistry I 4. (General Physics I) 	<ol style="list-style-type: none"> 1. Area 1 or 2 course 2. Evolution 3. (Organic Chemistry II) 4. (General Physics II)
Sophomore	<ol style="list-style-type: none"> 1. Genetics 2. General Chemistry I 3. (Elementary Statistics) 4. (Fundamentals of Human Communication) 5. General Education Courses 	<ol style="list-style-type: none"> 1. Experimental Biology 2. General Chemistry II 3. General Education Courses
Freshman	<ol style="list-style-type: none"> 1. Principles of Biology I 2. Freshman Seminar 3. English Composition I or II 4. General Education Courses 	<ol style="list-style-type: none"> 1. Principles of Biology II 2. English Composition II or Fundamentals of Human Communication 3. Elementary Statistics 4. General Education Courses