

Suggested Curriculum BS Biology with a focus in organismal biology and ecology (BIOM) Aug. 2014

FIRST YEAR

Fall Semester

NSM 1000 Orientation	1
Social Science Elective	3
CHEM 1230 Gen Chem	4
CHEM 1280 Gen Chem I Lab	1
ENGL 1110 College Comp I	3
Humanities Elective	3
Total	15 hrs

Spring Semester

CHEM 1240 Gen Chem II	4
CHEM 1290 Gen Chem II Lab	1
EEES 2150 Biodiversity	4
EEES 2160 Biodiversity Lab	1
Science or Math outside major	3
US Diversity Elective	3
Total	16 hrs

SECOND YEAR

Fall Semester

BIOL 2170 Fundamentals of Life Science	4
CHEM 2410 Organic Chemistry	3
CHEM 2460 Organic Chemistry Lab	1
Science or Math outside major	3
ENGL 1130 College Comp II	3
Social Science Elective	3
Total	17 hrs

Spring Semester

CHEM 2420 Organic Chemistry	3
MATH 1750 Calculus for Life Sciences I	4
WAC Course	3
Humanities Elective	3
EEES Advance elective	3
Total	16 hrs

THIRD YEAR

Fall Semester

EEES 3050 Intro to Ecology	3
EEES 3060 Ecology Lab	1
MATH 1760 Calculus for Life Sciences II	3
BIOL 3010 Molecular Genetics	3
Non US diversity Elective	3
General Elective	2
Total	15 hrs

Spring Semester	
BIOL 3030 Cell Biology	3
EEES Advanced Electives	5
MATH 2640	3
General Elective	3
Advanced Lab (BIOL or EEES)	1
Total	15 hrs

FOURTH YEAR

Fall Semester	
PHYS 2070 General Physics I	5
Advanced Lab (BIOL or EEES)	1
General Elective	6
EEES Advanced Electives	3
Total	15 hrs

Spring Semester	
EEES 3900 Environmental	
Lit and Communication	3
PHYS 2080 General Physics II	5
Advanced Lab (BIOL or EEES)	1
EEES 4150 Evolution	3
General Elective	3
Total	15 hrs

TOTAL 124 credit hours

Third/fourth-year students are encouraged to undertake a research project in which they work individually with a faculty member in an area of the student's interest. This project culminates in a senior thesis and is an excellent preparation for graduate school and employment in the profession. It also qualifies the student for Departmental Honors designation upon graduation, if GPA criteria also are met.

For more information and advisor contact Dr. Gottgens
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