

Environmental Science-2017
Biology (ENBI)

Name: _____ S#: _____ Date: _____

Email: _____ Advisor: _____ Date Enrolled: _____

Area I - Written Composition	Hrs	Grade	Sem	Notes
English Composition I: ENGL 1010 or ENGL 1017	3			
English Composition II: ENGL 1020 or ENGL 1027	3			
Area II - Humanities and Fine Arts				
Literature: ENGL 2530, 2540, 2570, 2580, 2600, 2610 (Minimum 3 hrs)	3			
Fine Arts: MUSI 2110, THEA 2040, VISU 1000, 2030, 2040 (Minimum 3 hrs)	3			
Communication: COMM 1010, 2212	3			
Elective: See AUM catalog for current Area II elective courses	3			
<i>Students Must take a 2 History sequence and 1 Literature or 1 History and a 2 Literature sequence.</i>				
Area III - Natural Science and Mathematics				
Biology I with Lab: BIOL 1010/1011, BIOL 1017/1018	4			
Biology II with Lab: BIOL 1020/1021, BIOL 1027/1028	4			
Math Core: 1050, 1100, 1120, 1150, 1610, or 1620	3/4			
Area IV - History, Social Sciences and Behavioral Sciences				
History: HIST 1010, 1020, 1060, 1070, 2010, 2020	3			
Elective: See AUM catalog for current Area IV elective courses	3			
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<i>Students Must take a 2 History sequence and 1 Literature or 1 History and a 2 Literature sequence.</i>				
University Success: UNIV 1000				
	3			
Area V- Required and Support Courses for Environmental Science Majors				
Introduction to Environmental Science: ENSC 1000	1			
Environmental Science Seminar: ENSC 2952	1			
General Chemistry I with lab: CHEM 1100/1101	4			
General Chemistry II with lab: CHEM 1200/1201	4			
Organic Chem I or Survey Organic Chem: CHEM 3100/3101 or 2300/2301	4			
Introduction to GIS: GEOG 3950	4			
Biostatistics: BIOL 2200	3			
Introduction to Earth Science: PSCI 1300/1301	4			
Ecology (WI): BIOL 4203 or 4200/4201	4			
Environmental Pollution and Control: BIOL 4233	4			
Environmental Science Capstone (WI): ENSC 4952	3			
Area V- Required Courses for Biology				
Botany: BIOL 2023 or 2020/2021	4			
Zoology: BIOL 2033 or 2030/2031	4			
Genetics: BIOL 3300/3301	4			

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Ecosystems: BIOL 4240	3			
Microbiology: BIOL 3010/3011 or BIOL 2010/2011	4			
Area V- Electives for Biology (21 hrs, 1 chemistry, 3 with labs)				
Topics in Ecological Economics: BIOL 3800	3			
Environmental Microbiology: BIOL 4063	4			
Population Ecology: BIOL 4210	3			
Freshwater Biology: BIOL 4503	4			
Wetlands: BIOL 4523	4			
Conservation Biology: BIOL 4533	4			
Field Botany: BIOL 4553	4			
Field Zoology: BIOL 4663	4			
Evolutionary Biology: BIOL 4760	3			
Perspectives in Biology: BIOL 4803 or 4800/4801	3-4			
Directed Research: BIOL 4932	1-4			
Quantitative Analysis: CHEM 2103	4			
Organic Chemistry II: CHEM 3200/3201	4			
Instrumental Analysis: CHEM 4303	4			
Environmental Chemistry: CHEM 3500/3501	4			

Only 4 hours of Directed Research (BIOL 4932) can count as ENSC elective.

All GPAs must be 2.0 or above.

Core GPA = _____ BIOL GPA = _____ AUM GPA = _____ Overall GPA = _____

Additional Information: <http://sciences.aum.edu/departments/biology>

Freshman and sophomores should make an appointment with Sciences Central Advising 244-3592, Room 125, Taylor Center. Juniors and seniors should make an appointment with their biology advisor:

<http://sciences.aum.edu/departments/biology/advising>

1000 level courses are freshman level, 2000 are sophomore level, 3000 are junior level, and 4000 are senior level. Each undergraduate student will be classified according to the number of semester credit hours earned at Auburn University Montgomery and other institutions as follows: freshman, 27 or fewer; sophomore, 28 to 57; junior, 58 to 87 senior, 88 or more.

In planning the sequence of your courses, you should be aware of the required prerequisite or co-requisites. These are listed with the course descriptions in the catalog. It is the responsibility of the student to know these requirements and to comply with them when registering. Any waiver of these requirements must be approved by the instructor of the course and/or the head of the department in which the course is taught.

The Department of Biology and Environmental Science requires that students complete two writing intensive courses. One of these is BIOL 4952 Capstone Biology, and the other is a biology elective which also may be required for your concentration. Writing intensive courses are designated "WI" on the schedule and have a required number of writing assignments in the class.

UNIVERSITY CORE CURRICULUM (Areas I, II, III, and IV)

See the current AUM Undergraduate Catalog for approved university (Areas I, II, III, and IV) core courses and the hours required in each of the four areas. Students must make a C or better in English Composition. Students must complete a 6-hour sequence in either literature or history. Students must take at least one course in history and one course in literature.