

# Biology- Environmental Science-2017

## Primary - Public Health (BIPH), Secondary- Environmental Science (ENHT) Double Major

Name: \_\_\_\_\_ S#: \_\_\_\_\_ Date: \_\_\_\_\_

Address: \_\_\_\_\_ Phone: \_\_\_\_\_

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, 1200, 1150, 1610, or 1620	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			
Elective: See AUM catalog for current Area IV elective courses	3			
Elective: See AUM catalog for current Area IV elective courses	3			
<i>Students Must take a 2 History sequence and 1 Literature or 1 History and a 2 Literature sequence.</i>				
<b>University Success: UNIV 1000</b>	<b>3</b>			
Area V- Required and Support Courses for Biology and Enviro. Science				
Introduction to Environmental Science: ENSC 1000	1			
Environmental Science Seminar: ENSC 2952	1			
Introduction to Earth Science: PSCI 1300/1301	4			
General Chemistry I with lab: CHEM 1100/1101	4			
General Chemistry II with lab: CHEM 1200/1201	4			
Organic Chemistry I with lab: CHEM 3100/3101	4			
Organic Chemistry II with lab: CHEM 3200/3201	4			
Biostatistics: BIOL 2200	3			
Microbiology with lab: 3010/3011	4			
Genetics: BIOL 3300/3301	4			
Capstone (WI): BIOL 4952 or ENSC 4952	3			
Biochemistry with lab: CHEM 3300/3301	4			
Introduction to GIS: GEOG 3950	4			
Ecology (WI): BIOL 4203 or 4200/4201	4			
Environmental Pollution and Control: BIOL 4233	4			

# Biology- Environmental Science-2017

## Primary - Public Health (BIPH), Secondary- Environmental Science (ENHT) Double Major

Area V- Required Courses for BIPH and ENHT				
Environmental or Industrial Microbiology: BIOL 4063 or 4053	4			
Virology (WI) or Medical Microbiology (WI): BIOL 4033 or 4013	4			
Epidemiology: BIOL 3250	3			
Ecosystems: BIOL 4240	3			
Principles of Toxicology: BIOL 3400	3			
Area V- Biology elective from BIPH list 15 hrs, 3 with labs				
Biology with lab	4			
Biology with lab	4			
Biology with lab	4			
Biology without lab	3			

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

**Total Hours 129**

**All GPAs must be 2.0 or above.**

Core GPA = \_\_\_\_\_ BIOL/ENSC 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 GEOG 4990, Research in GIS, and the other is an elective in ENSC, BIOL or GEOG 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.