

**Environmental Science-2019**  
**Geographic Information Systems (EGIS)**

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

Email: \_\_\_\_\_ Advisor: \_\_\_\_\_ Date Enrolled: \_\_\_\_\_

<b>Area I - Written Composition</b>	<b>Hrs</b>	<b>Grade</b>	<b>Sem</b>	<b>Notes</b>
English Composition I: ENGL 1010 or ENGL 1017	3			
English Composition II: ENGL 1020 or ENGL 1027	3			
<b>Area II - Humanities and Fine Arts</b>				
Literature: select _____	3			
Fine Arts: select _____	3			
Communication: select _____	3			
Elective: _____	3			
<i>Students Must take a 2 History sequence and 1 Literature or 1 History and a 2 Literature sequence.</i>				
<b>Area III - Natural Science and Mathematics</b>				
Biology I with Lab: BIOL 1010/1011, BIOL 1017/1018	4			
Biology II with Lab: BIOL 1020/1021, BIOL 1027/1028	4			
Math Core: 2660	4			
<b>Area IV - History, Social Sciences and Behavioral Sciences</b>				
History: select _____	3			
Elective: _____	3			
Elective: _____	3			
Elective: _____	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>			
<b>Area V- Required and Support Courses for Environmental Science Majors</b>				
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 3853	4			
Advanced GIS: GEOG 44913	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			
Applied Research (WI): GEOG 4990 or Capstone (WI): ENSC 4952	4			
<b>Area V- Required Courses for GIS</b>				
Remote Sensing and GPS in GIS: GEOG 4943	4			
Species Distributions: ENSC 4003	4			
Landscape Ecology: ENSC 4013	4			
Database Management: GEOG 4983	4			

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Spatial Statistics: GEOG 4953	4			
GIS and Environmental Management: GEOG 4893	4			
Global Ecology and Biogeography ENSC 4030	3			
<b>Area V- Electives for GIS (3 courses 1 with lab)</b>				
GEOG, BIOL or ENSC 3000/4000 with or without lab	4			
GEOG, BIOL or ENSC 3000/4000 with or without lab	4			
GEOG, BIOL or ENSC 3000/4000 with or without lab	4			

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

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

Notes      Core GPA = \_\_\_\_\_ BIOL GPA = \_\_\_\_\_ AUM GPA = \_\_\_\_\_ Overall GPA = \_\_\_\_\_

**Additional Information:** [www.aum.edu/biology](http://www.aum.edu/biology)

Freshman and sophomores should make an appointment with Sciences Central Advising 244-3592, Room 207, Goodwyn Hall. Juniors and seniors should make an appointment with their biology advisor:

[www.cas.aum.edu/departments/biology/biology-advising](http://www.cas.aum.edu/departments/biology/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 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.

**50% of all courses in the major must be taken at AUM in order to graduate with an ENSC degree.**

**UNIVERSITY CORE CURRICULUM (Areas I, II, III, and IV)** [www.aum.edu/academics/core-curriculum](http://www.aum.edu/academics/core-curriculum)

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.