



Environmental Studies Major

Bachelor of Science
2010-2011

The Bachelor of Science in Environmental Studies offers students a broad field of study encompassing various disciplines and one area of specialization. Environmental problems are multifaceted and contain biological, chemical, social, historical, psychological, and economic elements that must be addressed. Thus, to understand the complexity of environmental problems and work effectively in an environmental career, an individual must have both an area of major academic concentration and a broad-based education. The Environmental Studies program requirements are structured to meet this dual need. Each student will take a minimum of 41 program credits and then select any minor to fulfill their concentration, representing the one area of specialization. The highlight of the program requirements is that each student will participate in an Issues & Actions course for each year they are at UMM. These Issues & Actions courses are designed for the students to apply their interdisciplinary knowledge and offer leadership opportunities, while working on a project dealing with the environment.

General Requirements

All University Core requirements must be met, in addition to the Environmental Studies requirements. Note that completion of some courses within the major, such as in mathematics, will also fulfill Core requirements. Students must earn a minimum of 120 credits and achieve a cumulative GPA of at least 2.00.

A minimum cumulative Grade Point Average (GPA) of 2.00 in the program requirements is necessary for graduation. This GPA must be achieved by the completion of a total of 60 credits. If the student fails to maintain this average in subsequent semesters, a warning may be issued. The student may lose matriculated status if the average remains below 2.0 after the completion of another 12 credits. A student may petition to be readmitted to the program.

Program Requirements	41-46
ANT 212 Environmental Anthropology	3
<i>Select one course from:</i>	3
ANT 313 Political Ecology	
POS 305 Environmental Policy	
BIO 111 General Zoology	4
BIO 112 General Botany	4

BIO 245	General Ecology	4
CHY 101	General Chemistry I	4
CHY 102	General Chemistry II	4
ECO 223	Environmental Economics	3
ENV 112	Environmental Issues	3
ENV 2xx	Scientific Writing and Presentation	2
ENV 114	Environ Studies: Issues and Actions*	1-2
ENV 214	Environ Studies: Issues and Actions*	1-2
ENV 314	Environ Studies: Issues and Actions*	1-2
ENV 414	Environ Studies: Issues and Actions*	1-2

Select one course from: 3-4

MAT 215	Applied Statistics	
MAT 113	Intro to Statistics	

* Four-year rotation of themes such as: Energy, Climate Change, Sustainable Agriculture/Communities, Local Environmental Issues

Concentration:

All Students must complete a concentration based on fulfilling the requirements of any UMM minor (except Environmental Studies). The concentration must include a minimum of 24 credits, 9 of which must be at the 300 level, in the discipline of the minor.