

MASTER OF SCIENCE IN ENVIRONMENTAL SCIENCE

The M.S. in Environmental Science program provides an education that allows for greater opportunities in employment and further education in the diverse field of environmental science, particularly as the need relates to minorities and women. It also provides a cadre of trained individuals committed to using their environmental literacy toward the betterment of the environment and mankind.

Degree Requirements

A student seeking the M.S. in Environmental Science degree will be required to complete a minimum of thirty (30) semester hours, with a B or higher average and submit an acceptable thesis. Six of the required credit hours must be in Thesis Research. A student will follow a testing schedule consisting of written graduate comprehensive and the thesis defense. It is the student's responsibility to fill out and return all forms at the appropriate times during the student's tenure in the department.

<i>Required Course</i>	<i>Course Title</i>	<i>Semester Hours</i>
BIO 506	Human Environments & Natural Systems	4
BIO 511	Biostatistics	3
BIO 523	Ecology	4
BIO 589	Graduate Seminar	1
BIO 599	Thesis Research	6
	<i>Total Hours</i>	18

Elective Courses

A student in consultation with her/his advisor and graduate committee must select a minimum of twelve (12) semester hours from those areas and departments offering appropriate instruction.

<i>Required Course</i>	<i>Course Title</i>	<i>Semester Hours</i>
BIO 514	Methods in Environmental Analysis	4
BIO 515	Molecular Biology	4
BIO 516	Marine Botany	4
BIO 512	Natural Resources and Conservation	4

BIO 531	Invertebrate Zoology	4
BIO 533	Biology of Water Pollution	4
BIO 534	Ichthyology	4
BIO 540	Cell Biology	4
BIO 546	Selected Topics in Marine/Env Sc	1
BIO 547	Introduction to Oceanography	4
BIO 553	Tropical Marine Ecology	4
BIO 580	Limnology	4
BIO 602	Special Problems in Env Science	1-4
BIO 610	Environmental Microbiology	4
BIO 615	Principles of Bioremediation	3
CHEM 515	Environmental Chemistry	4
ITHM 520	Industrial/Technical Hazardous	
531	Materials Management courses	3-6