

MASTER OF SCIENCE IN BIOLOGY

Courses available for the M.S. degree in Biology provide appropriate preparation for:

1. Biological, marine and environmental sciences,
2. Advanced professional degrees elsewhere in zoology, plant science, marine science, environmental biology, environmental health, toxicology, meteorology, physiology, microbiology, biochemistry, anatomy and other associated areas,
3. Research careers in industry, government and academic institutions, and
4. Professional degrees in medicine, dentistry, veterinary medicine, pharmacy and related health fields.

Degree Requirements

A student seeking the M.S. in Biology degree will be required to complete a minimum of thirty (30) semester hours with a "B" or better average and submit an acceptable thesis. Six (6) of the required credits must be in "Thesis Research". A student will follow a testing schedule consisting of written graduate comprehensive examination and the thesis defense.

<i>Required Course</i>	<i>Course Title</i>	<i>Semester Hours</i>
BIO 511	Biostatistics	3
BIO 515, or	Molecular Biology, or	
BIO 540, or	Cell Biology, or	4
CHEM 531	Biochemistry	
BIO 589	Graduate Seminar	1
BIO 599	Thesis Research	6
<i>Total Hours</i>		14

Elective and Concentration Courses

A student in consultation with his/her advisor and guidance committee must select a minimum of sixteen (16) semester hours from departmental course offerings to complete degree requirements with emphasis in one of the following areas:

- Molecular Biology
- Developmental Biology
- Genetics
- Microbiology
- Plant Science
- Anatomy and Physiology
- Environmental Science
- Marine Biology
- Invertebrate Zoology