Program Policies

- Complete 33 credit hours of graduate work, which are generally completed in a two-year period. Two different program options are offered:
  - M.S. thesis
  - M.S. non-thesis
- Both options include a substantial component of laboratory and/or field work and certification of an Allied Professional Skill.
- Maintain a 3.0 GPA each semester.
- Students who earn a C are required to meet with the departmental Graduate Committee.
- Students who earn a second C are dismissed from the program.
- Any grade of D or lower results in dismissal from the program.

Advisement for the program is available from the Biological Sciences Department.

Program Requirements

Core Courses (6 credits)

<table>
<thead>
<tr>
<th>Course No. &amp; Title</th>
<th>#Credits</th>
<th>Grade Term Completed</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL502 - Biology and Environment</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>BIOL508 - Science Communication</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>BIOL575 - Modern Molecular Biology</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>MATH5XX - Statistics</td>
<td>3</td>
<td></td>
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</tbody>
</table>

All students must complete 2 courses from the following (circle courses taken):

- BIOL515 - Research in Biology 12
- BIOL520 - Graduate Professional Development Seminar 1
- BIOL501 - Thesis Preparation 3

Program Options (27 credits)

All students must choose between 1 of 2 options to fulfill the program requirements: thesis or non-thesis option.

Course No. & Title

<table>
<thead>
<tr>
<th>#Credits</th>
<th>Grade Term Completed</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL515</td>
<td>Research in Biology</td>
</tr>
<tr>
<td>BIOL520</td>
<td>Graduate Professional Development Seminar</td>
</tr>
</tbody>
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Complete 11 credits of Graduate Electives courses from the list below

- BIOL - _________________________ ____ ____ ______
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Graduate Electives

Core courses may also be used to complete this requirement.

- BIOL500 - Wetland Ecology 4
- BIOL503 - Contemporary Cell Biology 3
- BIOL504 - Perspectives in Modern Genetics 3
- BIOL505 - Ornithology 4
- BIOL507 - The Biology of Fishes 3
- BIOL510 - Estuarine Ecology 4
- BIOL513 - Entomology 4
- BIOL521 - Mammalogy 4
- BIOL522 - Vertebrate Physiology 4
- BIOL523 - Biology of Reptiles and Amphibians 4
- BIOL525 - Toxicology 3
- BIOL530 - Plant Physiology 4
- BIOL532 - Immunology 3
- BIOL533 - Environmental Microbiology 4
- BIOL535 - Evolutionary Biology 3
- BIOL540 - Contemporary Genetics 4
- BIOL541 - Bioinformatics II 4
- BIOL542 - Animal Behavior 3
- BIOL545 - Virology 3
- BIOL550 - Internship in Biology 1-3
- BIOL552 - Advanced Human Physiology/Pathophysiology 3
- BIOL560 - Biology of Cell Membranes 3
- BIOL570 - International Field Studies 3
- BIOL565 - Advanced Cell Biology 3
- BIOL590 - Graduate Special Topics in Biology 1-4