Ph.D. Biology

Fall 2020

<table>
<thead>
<tr>
<th>Outcome</th>
<th>Related Foundational Studies or Graduate Goal</th>
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<tbody>
<tr>
<td>Students will be able to communicate the design, results, and interpretation of scientific inquiries in written and oral forms appropriate to the audience.</td>
<td>GSLO 1 &amp; 2</td>
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<td>Students will master the content of their discipline and stay current with biological literature.</td>
<td>GSLO 4</td>
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<tr>
<td>Students will utilize their knowledge to synthesize novel, testable theories and hypotheses and conduct research.</td>
<td>GSLO 4 &amp; 5</td>
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<td>Students will apply ethical standards in research.</td>
<td>GSLO 3</td>
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<tr>
<td>Students will effectively communicate biological principles through their teaching.</td>
<td>GSLO 1, 2, &amp; 4</td>
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<td>Students will demonstrate a breadth of knowledge.</td>
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**Foundational Studies Learning Goals**

- FS2. Evaluate ideas.
- FS3. Learn and apply knowledge and skills.
- FS4. Demonstrate appreciation for the arts.
- FS5. Embrace civic duty.
- FS6. Understand diversity.

**Graduate Student Learning Goals**

- G1. Demonstrate professional communication proficiencies.
- G2. Engage in and meaningfully contribute to diverse and complex communities and professional environments.
- G3. Recognize and act on professional and ethical challenges that arise in their field or discipline.
- G4. Achieve mastery of the knowledge required in their discipline or profession.
- G5. Achieve mastery of the skills (including using appropriate tools) required in their discipline or profession.