<table>
<thead>
<tr>
<th>Year</th>
<th>Semester</th>
<th>Biology Courses</th>
<th>Chemistry Courses</th>
<th>Physics Courses</th>
<th>Math/Statistics Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>1st Year</td>
<td>Fall</td>
<td><strong>Chemistry I</strong> (CHEM: 1110)</td>
<td><strong>Foundations of Biology</strong> (BIOL: 1411)</td>
<td></td>
<td>Calculus (1 course, see options) A</td>
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<td></td>
<td>Spring</td>
<td><strong>Calculus</strong> (1 course, see options) B</td>
<td><strong>Chemistry II</strong> (CHEM: 1120)</td>
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<tr>
<td>2nd Year</td>
<td>Fall</td>
<td><strong>Diversity of Form &amp; Function</strong> (BIOL: 1412)</td>
<td><strong>Organic Chemistry I</strong> (CHEM: 2210)</td>
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<td>Spring</td>
<td><strong>Fundamental Genetics</strong> (BIOL: 2512)</td>
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<td>3rd Year</td>
<td>Fall</td>
<td><strong>Plant Response to the Environment</strong> (BIOL: 3663)</td>
<td><strong>Biochemistry</strong> (1 or 2 courses, see options) C</td>
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<td></td>
<td>Spring</td>
<td><strong>Plant Developmental Biology</strong> (BIOL: 3363)</td>
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<td>4th Year</td>
<td>Fall</td>
<td><strong>Plant Biology Elective</strong> (2 courses, see options) E</td>
<td><strong>Investigative Lab</strong> (1 course, see options) D</td>
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<td>Spring</td>
<td><strong>Evolution</strong> (BIOL: 3172)</td>
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<td></td>
<td><strong>Experiential Elective</strong> (see options) F</td>
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08/2015
Bachelor of Science in Biology
Plant Biology Track

Requirements

Choose one of the following options:
- Calculus for the Biological Sciences (MATH:1460, 4 s.h., Fall and Spring semesters)
- Calculus 1 (MATH:1850, 4 s.h., Fall and Spring semesters)
- Engineering Mathematics I: Single Variable Calculus (MATH:1550, 4 s.h., Fall and Spring semesters)

Choose one of the following options:
- Statistical Methods and Computing (STAT:2010, 3 s.h., Fall and Spring semesters)
- Biostatistics (STAT:3510, 3 s.h., Fall and Spring semesters)

Choose one of the following:
- Biochemistry (BIOC:3110, 3 s.h., Fall and Spring semesters)
- Biochemistry and Molecular Biology I (BIOC:3120, 3 s.h., Fall and Spring semesters)
  + Biochemistry and Molecular Biology II (BIOC:3130, 3 s.h., Spring semesters)

Choose one of the following (One course required, other can be used toward Experiential Elective):
- Evolution Lab (BIOL:3676, 4 s.h., Fall semesters)
- Genetics & Biotechnology Lab (BIOL:3716, 4 s.h., Spring semesters)

Choose at least two of the following: *1 elective must be at the 3000 level or above
- Biogeography (BIOL:2374, 3 s.h., Spring semesters)
- Bioinformatics (BIOL:4213, 3 s.h., Fall semesters)
- Cell Biology (BIOL:2723, 3 s.h., Spring semesters)
- Genomics (BIOL:3314, 3 s.h., Spring semesters)
- Introduction to Developmental Biology (BIOL:3233, 3 s.h., Fall semesters)
- Molecular Genetics (BIOL:3713, 3 s.h., Fall semesters)
- Population Genetics and Molecular Evolution (BIOL:4273, 3 s.h., Spring semesters)
- Evolution of Ecosystems (EES:4700 or ENVS:4700, 3 s.h., Spring semesters)
- Ecology (BIOL:2673, 3 s.h., Fall semesters)

Choose one of the following:
- Cell Biology Laboratory (BIOL:3626, 4 s.h., Fall semesters)
- Developmental Biology Lab (BIOL:3736, 4 s.h., Spring semesters)
- Field Ecology (ENVS:3095, 4 s.h., check ISIS)
- Honors Investigations (BIOL:4999, 6 s.h., Fall and Spring semesters)
- Intro to Research (BIOL:3994, 5 s.h., Fall and Spring semesters) + Communicating Research (BIOL:4898, 1 s.h., Fall and Spring semesters)
- Advanced Teaching Internship in Biology (BIOL:4897, 4 s.h., Fall and Spring semesters)
- Iowa Lakeside Laboratory (approved 4 s.h. Summer only)
- Investigative Lab used to satisfy requirement if not used under option D
  - Evolution Lab (BIOL:3676, 4 s.h., Fall semesters)
  - Genetics & Biotechnology Lab (BIOL:3716, 4 s.h., Spring semesters)

Choose one of the following sequences:
- College Physics I (PHYS:1511, 4 s.h., Fall and Spring semesters) + College Physics II (PHYS:1512, 4 s.h., Fall and Spring semesters)
- Introductory Physics I (PHYS:1611, 4 s.h., Fall semesters) + Introductory Physics II (PHYS:1611, 4 s.h., Fall semesters)

For more information, please contact the Biology Academic Advisor or visit: biology.uiowa.edu/undergraduate-programs

Anna Gaw
144 Biology Building
Phone: 319-353-2484
Email: anna-gaw@uiowa.edu

To schedule an appointment please visit: https://isis.uiowa.edu/isis2/records/advising/appointments.page