**Student (#)**

**PLANNING GUIDE: AS-Environmental Science – 2.5 YEAR PLAN**

<table>
<thead>
<tr>
<th>Fall</th>
<th>Spring</th>
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</thead>
<tbody>
<tr>
<td>BIOL 190 Principles of Biology I (4)</td>
<td>BIOL 191 Principles of Biology II (4)</td>
</tr>
<tr>
<td>BIOL 190L Principles of Biology I Lab (0)</td>
<td>BIOL 190L Principles of Biology II Lab (0)</td>
</tr>
<tr>
<td>ENVS 480 Environmental Science Seminar (0)</td>
<td>ENVS 480 Environmental Science Seminar (0)</td>
</tr>
<tr>
<td>ICON 100 I-Connect (3) (GE)</td>
<td>SCIE 276 Geology (3)</td>
</tr>
<tr>
<td>ENGL 101 or 103 English Composition I (3) (GE)</td>
<td>SCIE 276 Geology Lab (0)</td>
</tr>
<tr>
<td>ENVS 232 Intro. to Environmental Science (3) fulfills Soc.&amp;Env</td>
<td>MATH ___ College Algebra or higher (by placement) (3)</td>
</tr>
<tr>
<td>ENVS 232 Intro. to Environmental Science Laboratory (0)</td>
<td>COMM 121 Fund. of Public Communication (3) (GE)</td>
</tr>
</tbody>
</table>

**16 semester credit hours**

| 16 semester credit hours (32 credit hours total) |

<table>
<thead>
<tr>
<th>Fall</th>
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<tbody>
<tr>
<td>CHEM 141 Principles of Chemistry I (4)</td>
<td>CHEM 142 Principles of Chemistry II (4)</td>
</tr>
<tr>
<td>(prereq: MATH 122 or 125)</td>
<td>(prereq: MATH 125 CHEM 141)</td>
</tr>
<tr>
<td>CHEM 141L Principles of Chemistry I Lab (0)</td>
<td>CHEM 142L Principles of Chemistry II Lab (0)</td>
</tr>
<tr>
<td>ENVS 480 Environmental Science Seminar (0)</td>
<td>ENVS 480 Environmental Science Seminar (0)</td>
</tr>
<tr>
<td>MATH 302 Statistics (prereq: Math 122 or equivalent) (3) Distribution requirement in Technological Application</td>
<td>BIOL 296 Ecology &amp; Diversity (prereq: BIOL 190&amp;191) (4)</td>
</tr>
<tr>
<td>PSYC 121 General Psychology (3)</td>
<td>BIOL 296 Ecology &amp; Diversity Lab (prereq: BIOL 190&amp;191)(0)</td>
</tr>
<tr>
<td>Theology or Religious Studies (3) (GE)</td>
<td>Ethics or Science and Human Values Requirement (3) GE</td>
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<td></td>
<td>ENVS 496 Environmental Science Internship (3) (prereq: ENVS 232 &amp; perm. of Director)</td>
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**13 credit hours (45 credit hours total)**

| 16-18 credit hours (61 credit hours total) |

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<th>Fall</th>
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<tbody>
<tr>
<td>CHEM 345 Analytical Chemistry (prereq: CHEM 142) (4) or CHEM 241 Organic Chemistry I</td>
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<tr>
<td>CHEM 345L Analytical Chemistry Laboratory (0) or CHEM 241L Organic Chemistry I Laboratory</td>
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<tr>
<td>ENVS 332 Introduction to Environmental Regulations (prereq: CHEM 141 and ENVS 232) (3)</td>
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<tr>
<td>ENVS 343 Environmental Chemistry (3) (prereq: CHEM 141 &amp; 142)</td>
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<tr>
<td>ENVS 343L Environmental Chemistry Laboratory (0)</td>
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<tr>
<td>BIOL 421 Ecology (prereq: BIOL 190, 191, 296) (4)</td>
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<tr>
<td>BIOL 421 Ecology Lab (0)</td>
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</table>

**16 credit hours (at least 70 credit hours total)**

(GE) = General Education courses. Please note: This schedule is subject to change based on course offerings and curriculum developments that may occur throughout the 2015-2016 academic year.
## Biology-ENVS Course Rotation

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>121 General Biology I</td>
<td>122 General Biology II</td>
<td>121 General Biology I</td>
<td>122 General Biology II</td>
</tr>
<tr>
<td>190 Principles of Biology I (4)</td>
<td>190 Principles of Biology I (4)</td>
<td>191 Principles of Biology II (4)</td>
<td>191 Principles of Biology II (4)</td>
</tr>
<tr>
<td>208 Animal Nutrition (3)</td>
<td>208 Animal Nutrition (3)</td>
<td>218 Human Anatomy (3)</td>
<td>218 Human Anatomy (3)</td>
</tr>
<tr>
<td>222 Human Anat. &amp; Phys. II (3)</td>
<td>222 Human Anat. &amp; Phys. II (3)</td>
<td>223 Intro to Microbiology (3)</td>
<td>223 Intro to Microbiology (3)</td>
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<tr>
<td>226 Microbiology (3)</td>
<td>226 Microbiology (3)</td>
<td>227 Marine Biology (3)</td>
<td>227 Marine Biology (3)</td>
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<tr>
<td>240 Sectional Anatomy (3)</td>
<td>240 Sectional Anatomy (3)</td>
<td>257 Biological Field Studies (3)</td>
<td>257 Biological Field Studies (3)</td>
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<td>257 Biological Field Studies (3)</td>
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<td>270 Pathophysiology (3)</td>
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<td>270 Pathophysiology (3)</td>
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<tr>
<td>295 Genetics (4)</td>
<td>295 Genetics (4)</td>
<td>296 Ecology and Diversity (4)</td>
<td>296 Ecology and Diversity (4)</td>
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<tr>
<td>344 Developmental Biology (3)</td>
<td>344 Developmental Biology (3)</td>
<td>347 Invertebrate Zoology (4)</td>
<td>347 Invertebrate Zoology (4)</td>
</tr>
<tr>
<td>348 Behavioral Ecology (3)</td>
<td>348 Behavioral Ecology (3)</td>
<td>350 Cell Biology (3)</td>
<td>350 Cell Biology (3)</td>
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<tr>
<td>366 Exper. Design &amp; Res. Met (3)</td>
<td>366 Exper. Design &amp; Res. Met (3)</td>
<td>367 Biotechnology Lab (1)</td>
<td>367 Biotechnology Lab (1)</td>
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<td>367 Biotechnology Lab (1)</td>
<td>367 Biotechnology Lab (1)</td>
<td>401 Senior Capstone (3)</td>
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<tr>
<td>421 Ecology (4)</td>
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<tr>
<td>439 Ornithology (3)</td>
<td>439 Ornithology (3)</td>
<td>440 Molecular Biology (3)</td>
<td>440 Molecular Biology (3)</td>
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<tr>
<td>465 Adv. Physio./Patho. (3)</td>
<td>465 Adv. Physio./Patho. (3)</td>
<td>471 Immunology (3)</td>
<td>471 Immunology (3)</td>
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<tr>
<td>474 Virology (3)</td>
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<tr>
<td>480 Biology/ENVS Seminar (0)</td>
<td>480 Biology/ENVS Seminar (0)</td>
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<tr>
<td>Environmental Science</td>
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<td>232 Intro. ENVS (3)</td>
<td>232 Intro. ENVS (3)</td>
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<tr>
<td>347 Invertebrate Zoology (4)</td>
<td>347 Invertebrate Zoology (4)</td>
<td>332 Environ. Regulations (3)</td>
<td>332 Environ. Regulations (3)</td>
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<tr>
<td>SCI 276 Geology (3)</td>
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<td>495 Environ. Internship (3)</td>
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</tbody>
</table>

### Occasional courses offered:
- Introduction to Birds
- Environmental Chemistry
- Evolution
- Taxonomy of Flowering Plants