Interdisciplinary Minor in Ecology (IMEC)

Department of Biological Sciences and College of Forest Resources and Environmental Science

Credits Required: 18

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<thead>
<tr>
<th>Required Courses: Select one course from Group A and Group B</th>
<th>Credits</th>
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| **Group A:**<br>BL 1100 General Biology I (3) and  
BL 1110 General Biology I Lab (1) |         |
| BL 1400 Principles of Biology (3) and  
BL 1410 Principles of Biology Lab (1) |         |
| BL 2160 Botany (4)  
BL 2170 Zoology (4) |         |
| **Group B:**<br>BL 3490 Principles of Ecol & Evolution (4)  
Prereqs: (BL1100 & BL1110) or (BL1400 & BL1410) |         |
| FW 3020 Forest Ecology (3)  
Prereqs: (FW2010 and FW2051) |         |

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<th>Elective Courses: Must select at least 10 credits</th>
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| BL 3490* Principles of Ecology & Evolution (4)  
Prereqs: (BL1100 and BL1110) or (BL1400 and BL1410) |         |
| BL 4090 Tropical Island Biology (2)  
Prereqs: None |         |
| BL 4034 Ecology/Evolution of Community (3)  
Prereqs: (BL3400 or BL3490 and BL3190) |         |
| BL 4036 Plant-Species Interactions (3)  
Prereqs: (BL3400 or BL3490 or BL3190) |         |
| BL 4447 Stream Ecology & Fish Biology (4)  
Prereqs: (BL100 and BL1110) or (BL1400 and BL1410) or BL3400 or BL3490 |         |
| BL 4450 Limnology (3)  
Prereqs: (CH1122 or (CH1160 and CH1161)) |         |
| BL 4452 Advanced Ecology (3)  
Prereqs: BL3003 and BL3490 |         |
| BL 4461 Ecosystems Ecology (3)  
Prereqs: (CH1122 or (CH1160 and CH1161)) |         |
| FW 3020 Forest Ecology* (3)  
Prereqs: Junior or Senior |         |
| FW 3330 Soil Science (4)  
Prereqs: (CH1112(c) or (CH1151(c) and CH1151(c)) |         |
| FW 3540 Introduction to GIS for Natural Resource Management (4)  
Prereqs: (MA3710(c) or MA2720(c) or MA2710(c)) |         |
| FW 4220 Wetlands (4)  
Prereqs: None |         |
| FW 4240 Mammalogy (4)  
Prereqs: (BL11200 and BL1210) or (BL1400 and BL1410) |         |
| FW 4260 Population Ecology (3)  
Prereqs: None |         |
| FW 4300 Introduction to Wildland Fire (3)  
Prereqs: (FW3020 and (FW3010 or FW3012)) |         |
| FW 4370 Forest and Landscape Hydrology (3)  
Prereqs: None |         |
| FW 4380 Landscape Ecology (3)  
Prereqs: None |         |
| FW 4610 Wildlife Ecology (3)  
Prereqs: (BL3400(c) or FW3020(c)) |         |
| FW 4620 Herpetology (3)  
Prereqs: (BL1100 and BL1110) or (BL1400 and BL1410) |         |

* This course may not be double counted if taken to complete required courses in group B

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<th>Remaining Electives: Choose from the previous elective course list, or from the following:</th>
<th>Credits</th>
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| FW 2010 Vegetation of North America (4)  
Prereqs: None |         |
| FW 3610 Ornithology (4)  
Prereqs: (BL1200 and BL1210) or (BL1400 and BL1410) |         |
| FW 3620 Field Ornithology (1)  
Prereqs: None |         |
| FW 4500 Independent Study (1-3)  
Prereqs: None |         |

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<th>Recommended Cognate Courses: not part of the minor</th>
<th>Credits</th>
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<td>CH 1150 and CH 1153 University Chemistry I (3 + 1)</td>
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<td>CH 1151 University Chemistry Lab I (1)</td>
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<td>CH 1160 University Chemistry II (3)</td>
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<td>CH 1161 University Chemistry Lab II (1)</td>
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Total Credits Required = 18