**Graduation Requirements**

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| --- | --- |
|[ ]  120 Total Hours |  |
|[ ]  42 Senior Hours |  |
|[ ]  Global Study |  |
|[ ]  Foreign language |  |

**General Education**

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| --- | --- | --- |
|[ ]  English 101 | EN |  |
|[ ]  Communication 101 | CO |  |
|[ ]  Mathematics | MA |  |
|[ ]  Natural Sciences | NS |  |
|[ ]   |  |  |
|[ ]  U.S Traditions | US |  |
|[ ]  Individual and Civic Life | IC |  |
|[ ]  Fine Arts | FA |  |
|[ ]  Humanities | HU |  |
|[ ]  Language in Humanities | LH |  |
|[ ]  Quantitative Reasoning | QR |  |
|[ ]  Science, Math, Technology | ST | **Exempt** |
|[ ]  Social Sciences | SS |  |

**MAJOR IN Biological Sciences- Conservation Biology CHECKLIST**

**For 2016-2018 *Undergraduate Catalogs***

Note: S = Senior standing required, M = Major in General Biology required

38 hours in Biology courses required; additional hours in Chemistry, Physics, and Math

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| **Courses outside of Biology** | **Prerequisites** |
| [ ]  Math 120/121 or 145/146 or Math 120/stats 138 or Math 145/stats 138  | Vary by course |
| [ ] CHE 140/141 or 110/112 (general or fund.) | Vary by course |
| [ ] CHE 220 or 230/231 Organic Chemistry | Vary by course |
| [ ] PHY 105 or 108 or 110  | Vary by course |

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| **Required Major Courses** | **Prerequisites** |
| [ ]  196 Biological Diversity (4)\* | M |
| [ ]  197 Molecular and Cellular Basis of Life (4)\* | M |
| [ ]  204 Biological Investigations (1) | M; BSC 196 and 197 |
| **Required Sequence Courses**  |  |
| [ ]  201 Ecology (4)\* | BSC 196 and 197 |
| [ ]  219 Genetics (3) | BSC 196 and 197 |
| [ ]  280 Conservation of Animal and Plant Biodiversity (3) | BSC 196 and 197 |
| [ ]  305 Biological Evolution (3) | BSC 196 and 197; min 45 hours completed |

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| **Conceptual Group Electives: 1 course minimum**  | **Prerequisites** |
| [ ]  260 Microbiology (4)\* | BSC 196, 197; CHE 230/231 or concurrent |
| [ ] 286 Animal Behavior (3) | BSC 196 and 197 |
| [ ] 295 Comparative Vertebrate Anatomy (4)\* | BSC 196 and 197 |
| [ ] 311 Rainforest Ecology (3)\* | BSC 201; consent instructor |
| [ ] 325 Ecological Physiology of Animals (3) | BSC 196 and 197; 45 hours completed  |
| [ ] 375 Stream Ecology Lecture [ ] 376 Stream Ecology lab (4) | BSC 196, 197; min 45 hours completed |

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| **Botany Taxon Group Electives: 1 course minimum**  | **Prerequisites** |
| [ ]  211 Economic Botany (4)\* | BSC 196 or AGR 150, and BSC 197 |
| [ ]  212 Principles of Botany (4)\* | BSC 196 and 197 |
| [ ]  223 Ecology and Conservation of Plants (4)\* | BSC 196 and 197 |
| [ ] 330 Biology of Algae (4)\* | One from: BSC 201, 203, 212, 219, 260 |
| [ ] 333 Plant Diversity (4)\* | One from: BSC 211, 212, 223 |

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| **Zoology Taxon Group Electives: 1 course minimum**  | **Prerequisites** |
| [ ] 292 Invertebrate Zoology (4)\* | BSC 196 and 197 |
| [ ] 294 Evolution and Physiology of Fishes (3) | M; BSC 196/197; CHE 110/112, or CHE 141 |
| [ ] 296 Mammalian Biology (3) | BSC 196 and 197 |
| [ ] 301 Entomology (4)\* | BSC 196 and 197; 201 |
| [ ] 396 Avian Biology (4)\* | BSC 196 and 197 |

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| **Additional Biology Electives: other courses in BSC to total 38** | **Prerequisites** |
| [ ]  |  |
| [ ]  |  |