**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- Physiology, Neuroscience & Behavior CHECKLIST**

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

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

37 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**  |  |
| [ ]  283 Animal Physiology (4)\* | CHE 110/112 or 141, J/S |
| [ ]  286 Animal Behavior (3) | M; BSC 196, 197; CHE 110 and 112 or 141 |
| [ ]  327 Hormones and Behavior (3) | BSC 283 or 286 |
| [ ]  343 Introduction to Neurobiology (3) | BSC 196 and 197 |

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| **Biology elective Courses: 15 hours; at least one with lab; no more than two from Psychology** | **Prerequisites** |
| [ ]  201 Ecology (4)\* | BSC 196 and 197 |
| [ ]  203 Cell Biology (3) | BSC 196, 197; CHE 110/112 or 141 |
| [ ]  219 Genetics (3) | BSC 196 and 197 |
| [ ]  260 Microbiology (4)\* | BSC 196/197; CHE 220 or CHE 230/231  |
| [ ] 290 Research in Biological Sciences or 299 (variable hours) | Consent of instructor |
| [ ] 292 Invertebrate Zoology (4)\* | BSC 196 and 197 |
| [ ] 295 Comparative Vertebrate Anatomy (4)\* | BSC 196 and 197 |
| [ ] 296 Mammalian Biology (3) | BSC 196 and 197 |
| [ ] 301 Entomology (4)\* | BSC 196 and 197; 201 |
| [ ]  305 Biological Evolution (3) | BSC 196 and 197; min 45 hours completed |
| [ ] 311 Rainforest Ecology (3)\* | BSC 201; consent instructor |
| [ ] 345 Introduction to Endocrinology (3) | BSC 203  |
| [ ] 350 Molecular Biology (3) | BSC 203, 219, CHE 220, or 230/231 |
| [ ] 353 Biotechnology Lab 1: DNA (3)\* | BSC 219; CHE 220 or CHE 230-232 |
| [ ] 354 Biotechnology Lab II: Cell Biology (3)\* | BSC 203; CHE 220 or 230-232 recommended |
| [ ] 367 Immunology (4) | BSC 203 |
| [ ] 396 Avian Biology (4)\* | BSC 196 and 197 |
| [ ] Psy 253 Cognition and Learning (3) | Psy 110 or 111 |
| [ ] Psy 263 Physiological Psychology (3) | Psy 110 or 111 |
| [ ] Psy 350 Psychopathology (3) | Psy 110 or 111 |