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| **Biology Bachelor of Science Checklist (Fall 2015 or later)** | | |
|  | DONE | NEED |
| **Four units of BIOL required :** | | |
| BIOL 110 Exploring Biology |  |  |
| BIOL 180 Exploring Diversity in Biology |  |  |
| BIOL 190 Exploring Unity in Biology |  |  |
| BIOL 470 Senior Thesis **-OR-** |  |  |
| BIOL 480 Senior Seminar **-OR-** |
| BIOL 496 Honors Project |
| **Five upper division courses (200-level or above), with two of the five chosen from Group A and two from Group B (listed under "Biology Theme Group Courses" below). At least three of the five upper-division courses must be at the 300-level or higher and at least three of the five must have six hours/week of lecture and lab.** | | |
| 1st course |  |  |
| 2nd course |  |  |
| 3rd course |  |  |
| 4th course |  |  |
| 5th course |  |  |
| **Five additional requirements: Completion of these is required** **for enrollment in 300 and 400 BIOL courses.** | | |
| CHEM 111 GENERAL CHEMISTRY I |  |  |
| CHEM 112 GENERAL CHEMISTRY II |  |  |
| INQ 240 STATISTICAL REASONING or HRNS 240 |  |  |
| MATH 115 QUANTITATIVE BIOLOGY |  |  |
| PHYS 102 INTRODUCTORY PHYSICS FOR LIFE SCIENCES |  |  |
| **Final Unit required:** | | |
| Any additional BIOL courses listed in Theme Group Courses |  | |
| Any additional CHEM course (200 level or above) |
| Any additional PHYS course (104 or above) |
| Any additional MATH course (118 or above) |
| Any additional STAT or CPSC course |
| Any additional ENSC course (ENSC 265 requires approval) |
| **Biology Theme Group Courses** | | |
| **Group A Courses** | | |
| BIOL 205 - General Ecology | | |
| BIOL 225 - History of Life | | |
| BIOL 235 - Microbiology | | |
| BIOL 240 - Algae & Fungi | | |
| BIOL 245 - Special Topics (as determined by the department) | | |
| BIOL 246 - Special Topics (as determined by the department) | | |
| BIOL 265 - Plant Diversity | | |
| BIOL 270 - Invertebrate Biology | | |
| BIOL 275 - Vertebrate Biology | | |
| BIOL 280 - Animal Biology | | |
| BIOL 300 - Aquatic Ecology | | |
| BIOL 330- Community Ecology | | |
| BIOL 340- Animal Behavior | | |
| BIOL 345 - Special Topics (as determined by the department | | |
| BIOL 346 - Special Topics (as determined by the department) | | |
| BIOL 415 - Evolution | | |
| **Group B Courses** | | |
| BIOL 210 - Cell Biology | | |
| BIOL 245 - Special Topics (as determined by the department) | | |
| BIOL 246 - Special Topics (as determined by the department) | | |
| BIOL 260 - Human Anatomy & Physiology II | | |
| BIOL 305 - Principles of Physiology | | |
| BIOL 315 - Genetics | | |
| BIOL 345 - Special Topics (as determined by the department) | | |
| BIOL 346 - Special Topics (as determined by the department) | | |
| BIOL 365 - Plant Anatomy & Physiology | | |
| BIOL 370 - Immunology | | |
| BIOL 380 - Advanced Genetics | | |
| BIOL 390 - Advanced Cell Biology | | |
| BIOL 400 - Molecular Biology | | |
| BIOL 410 - Genomics | | |
| BIOL 420 - Developmental Biology | | |