

B.S. in BIOLOGY CHECKLIST

(Revised May 2016)

Student _____

Advisor _____

| BIOLOGY COURSES (36 cr) | | | | Planned | Taken | Grade |
|--|-----|--|-----|----------------|--------------|--------------|
| Biology Core Courses (12 cr) | | | | | | |
| BIOL | 201 | Principles of Ecology & Evolution | 4cr | | | |
| BIOL | 202 | Principles of Cell & Molecular Biology | 4cr | | | |
| BIOL | 203 | Principles of Genetics & Development | 4cr | | | |
| Controlled Biology Electives (24 cr)* | | | | | | |
| BIOL | | (Cell & Mol.) | | | | |
| BIOL | | (Ecol.) | | | | |
| BIOL | | (Organism) | | | | |
| BIOL | | | | | | |
| BIOL | | | | | | |
| BIOL | | | | | | |
| BIOL | | | | | | |
| BIOL | | | | | | |
| *Select one course from each area: Cell & Molecular Area, Ecology Area, Organismal Area. A minimum of 12 cr must be in courses at the 400-level. No more than 6cr total from Independent Study, Special Topics, or Internship applies to major; excess applied as free electives. | | | | | | |
| REQUIRED CHEMISTRY COURSES (8 cr)* | | | | | | |
| CHEM | 111 | General Chemistry I | 4cr | | | |
| CHEM | 112 | General Chemistry II | 4cr | | | |
| *Fulfills the Liberal Studies Natural Science Requirement. CHEM 113-114 may be substituted. | | | | | | |
| REQUIRED MATHEMATICS COURSES (7 cr) | | | | | | |
| MATH | 121 | Calculus I* | 4cr | | | |
| MATH | 216 | or MATH 217 Probability and Statistics | 3cr | | | |
| *Fulfills the Liberal Studies Mathematics Requirement | | | | | | |
| REQUIRED PHYSICS COURSES (4 cr) | | | | | | |
| PHYS | 111 | Physics I Lecture | 3cr | | | |
| PHYS | 121 | Physics I Lab | 1cr | | | |
| ANCILLARY SCIENCE ELECTIVES (16 cr) | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| * Select from: BIOC 301, 302, 311, 312, 401, 480, 490; CHEM 231, 232, 321, 323, 351; GEOS 201, 202, 203, 303, 310, 311, 312, 313, 351, 352, 353, 354, 362, 370, 371; MATH 122, 417, 418; PHYS 112, 122, 151, 161; PSYC 290, 291, 315, 331, 341, 342 or 345, 350, 355, 356, 359, 372. Other appropriate major courses at 200-level and above (excluding liberal studies courses) in the above departments may be substituted with permission of the advisor and the biology department chairperson in advance of taking the course. | | | | | | |
| FOREIGN LANGUAGE REQUIREMENT (0-6 cr)* | | | | | | |
| | | | | | | |
| | | | | | | |
| * a) Two courses in one language, including the placement course; or b) intermediate level. In lieu of a foreign language, students may elect to take a sequence of two courses in either Computer Science, exclusive of COSC 101 (COSC 110 and 210 recommended), or two courses in Geography/Regional Planning (from the following: GEOG/RGPL 213, 314, 316, 415, 417) | | | | | | |

