

## 2007-08 Fall Biology, Medical Pre-Professional Concentration major

Requirements Checklist, REV. 2/07/2008

### **Required:**

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|---|--|
| _____ BIOL 101, General Biology I               | _____ OREN 105 (1 hour)  |
| _____ BIOL 102, General Biology II              | _____ CISC 100 or validation   |
| _____ BIOL 201, Genetics                        | _____ ENGL 110 or validation by ACT/SAT  |
| _____ BIOL 202, Microbiology                    | _____ ENGL 111 or ENGL 200 or a writing-intensive research course in the major   |
| _____ BIOL 302, Human Physiology                | _____ MATH 102 or higher level Math course (one class required – students who validate MATH 102 by ACT/SAT or test may take a higher level math to satisfy this requirement) |
| _____ CHEM 101, General Chemistry I             |  |
| _____ CHEM 102, General Chemistry II            |  |
| _____ CHEM 203, Organic Chemistry I             | _____ Arts and Humanities (4 hours required)<br>ENGL 120, 201, 225, 227, 228; HNRS 101, HUMA 222, 223; MUSC 101, THEA 104, VISA 110, 204, 208                                |
| _____ CHEM 204, Organic Chemistry II            |  |
| _____ CHEM 301, Biochemistry & Cellular Biology | _____ Natural Sciences (4 hours required)<br>BIOL 100, 101; CHEM 101, EVSC 111, GEOL 101, HNRS 102, PHED 252, PHYS 101,  |
| _____ PHYS 101, General Physics I               |  |
| _____ PHYS 102, General Physics II              |  |

### **Choose three of the following:**

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|-------------------------------------|--|
| _____ BIOL 303, Histology           | _____ BUSN 201, GEOG 200, HIST 101, 102, 201, 202; POLS 203, 205, 207, 209; PSYC 101, SOCI 101 |
| _____ BIOL 305, Parasitology        | _____ PHED 201   |
| _____ BIOL 308, Immunology          | _____ POLS 380 or HNRS 380   |
| _____ BIOL 402, Embryology          | _____ RELG 330 or HNRS 330   |
| _____ BIOL 403, Comparative Anatomy | _____ SOCI 251   |

### **Choose one of the following:**

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|---------------------------------------|--|
| _____ BIOL 204, Nonvascular Plants    | _____ CMNS 480, BIOL/EVSC 480, BUSN 446, ENGL 402, or PSYC 430 |
| _____ BIOL 205, Vascular Plants       | _____ SVLN 351, 352, 354, 355, 356; VISA 354                   |
| _____ BIOL 220, Vertebrate Zoology I  | _____ Arts & Lectures Series (no credit hours)                 |
| _____ BIOL 221, Vertebrate Zoology II |  |
| _____ BIOL/EVSC 301, General Ecology  |  |
| _____ BIOL 401, Invertebrate Zoology  |  |