

**DIVISION OF NATURAL SCIENCES: Major in BIOLOGY leading  
to the Bachelor of Science Degree**

**REQUIRED:**

\_\_ Biology 210 (4) General Biology I w/lab  
\_\_ Biology 211 (4) General Biology II w/lab  
\_\_ Biology 212 (4) Botany w/lab  
\_\_ Biology 240 (4) Microbiology w/lab  
\_\_ Biology 341 (4) Genetics w/lab

\_\_ Biology 350 (4) General Physiology w/lab

**OR**

\_\_ Biology 360 (4) Ecology

\_\_ Biology 370 (4) Cell Biology w/lab

\_\_ Nat Sci 460 (3) Research Methods

\_\_ A Systematics course (4) to be chosen from the following: Bio 354 WV Flora, Bio 355 Mammalogy, Bio 380 Aquatic Entomology, Bio 382 Entomology, Bio 455 Ornithology, or Bio 482 Herpetology.

\_\_ Plus from 11-16 hours of elective BIOLOGY or ENVIRONMENTAL SCIENCE courses to obtain a final total of 76 semester hours as indicated on this sheet.

**ALLIED FIELDS: The following courses are REQUIRED:**

\_\_ Chemistry 200 (4) General Chemistry I w/lab  
\_\_ Chemistry 210 (4) General Chemistry II w/lab  
\_\_ Mathematics 131 (3) Mathematical Functions  
\_\_ Mathematics 251 (3) Statistics

**PLUS ONE OF THE FOLLOWING SETS OF COURSES:**

\_\_ Chemistry 300 (3) Principles of Organic Chemistry  
\_\_ Chemistry 305 (4) Principles of Biochemistry w/lab

**OR**

\_\_ Chemistry 310 (4) Organic Chemistry I w/lab  
\_\_ Chemistry 311 (4) Organic Chemistry II w/lab

**AND**

\_\_ Physics 211 (4) Introduction to Physics w/lab

**OR**

\_\_ Physics 221 (4) General Physics I w/lab  
\_\_ Physics 222 (4) General Physics II w/lab

**FOREIGN LANGUAGE: Not required, but handled on advisory basis.**

**LIBERAL STUDIES PROGRAM: As outlined on appropriate Liberal Studies Check Sheet.**

**NOTE: NSC 395 required for Goal III-C.**

**Among REQUIREMENTS FOR GRADUATION, the student must have a 2.00 average in the major, and pass a comprehensive examination, or successfully complete a research project.**