

NAME: \_\_\_\_\_ ID #: \_\_\_\_\_ DATE(s): \_\_\_\_\_

**Requirements for B.A. Biology Degree****I) Required Introductory courses** Completion of these courses with a grade point average of 2.0 or better\*

\_\_\_\_\_ BIOL 1240/1245 (3,1)      \_\_\_\_\_ BIOL 1260/1265 (3,1)  
 \_\_\_\_\_ CHEM 1110/1115 (3,1)      \_\_\_\_\_ CHEM 1120/1125 (3,1)

\*or equivalent course credit (i.e., AP or IB), and must be completed before taking any upper-division biology course.

**II) Required Related Courses**

\_\_\_\_\_ Math 1510  
 \_\_\_\_\_ Statistics (MATH 1300 or BIOL 4790)

**III) Required Upper Division Biology courses (25 credit hours)****A. Biology Core Courses (12 credit hours)**

\_\_\_\_\_ BIOL 3010: Evolution (3)      \_\_\_\_\_ BIOL 3020 BC & MB (3)      \_\_\_\_\_ BIOL 3030: Genetics (3)      \_\_\_\_\_ BIOL 3040 Cell S&F (3)

**B. Biology Electives (minimum of 13 credit hours)**

Lab Course# \_\_\_\_\_ ( )  
 Plant course\* \_\_\_\_\_ ( )  
 Elective \_\_\_\_\_ ( )  
 Elective \_\_\_\_\_ ( )  
 Elective \_\_\_\_\_ ( )

TOTAL

#Laboratory Courses (Note, these also count toward an elective requirement): BIOL 3060 Cell Biology laboratory; BIOL 3100 Experiments in Genetics; BIOL 3260 Plants and Fungi; BIOL 3420 Comparative Anatomy; BIOL 3470 General Physiology Lab; BIOL 4020 Vertebrate reproductive physiology; BIOL 4050 Molecular Techniques Lab; BIOL 4100 Natural History of the Vertebrates; BIOL 4120 Field Botany; BIOL 4130 Field Mammalogy; BIOL 4140 Field Ornithology; BIOL 4160 Microbial Ecology; BIOL 4260 Biol of Amphibians and Reptiles; BIOL 4280 Biol of Fishes; BIOL 4310 Biol of Birds; BIOL 4330 Spring Flora of the Ozarks; BIOL 4370 Animal Behavior Lab; BIOL 4380 Biol of Mammals; BIOL 4440 Vertebrate Histology; BIOL 4610 Developmental Biology Lab; BIOL 4650 General Microbiology Lab; BIOL 4750 General Ecology; BIOL 4790 Biometry

\*Plant Courses: BIOL 3260 Plants and Fungi; BIOL 3280 Ethnobotany; BIOL 3490 Plant Phys; BIOL 3450 Economic Botany, BIOL 4040 Pollination; BIOL 4090 Plant Ecology, BIOL 4120 Field Botany, BIOL 4210 Biology of Orchids; BIOL 4330 Spring Flora.

**Note:** A total of 3 hrs of Independent Research (BIOL4960), Library project (BIOL4970) and Advanced Independent Research (BIOL4980) can be counted toward the 25 upper division credits required for the BA degree, but these courses do NOT count as structured lab courses.

**IV) Participation in Departmental Mentoring and Assessment:**

Participation in BIOL 1950 and BIOL 2950, and meeting with your mentor when in residence is expected. Students who are not able to take 1950 and 2950 (i.e. transfer students) may take BIOL 3950 to fulfill this requirement. All students are also expected to participate in senior exit surveys.

**V) Recommended B.A. – related courses**

\_\_\_\_\_ CHEM 2410/2415      \_\_\_\_\_ PHYS 1310/1320  
 \_\_\_\_\_ CHEM 2420/2425      \_\_\_\_\_ PHYS1330/1340

**NOTE:** In accordance with the College of Arts and Sciences graduation requirements, a student must obtain at least a 2.00/4 overall GPA in all chemistry, mathematics, statistics, and other appropriate sciences, and upper-division biology courses that are required for the B.A. major degree program.

REVISED 3-20-17