

**Minor: BIOLOGY MINOR**

Student's Last Name \_\_\_\_\_ First Name \_\_\_\_\_ Middle Initial \_\_\_\_\_

Advisor \_\_\_\_\_

Date Major Declared \_\_\_\_\_

| Course #   | Title of Course   | Hours Required   | Semester Completed | Grade |
|--|---|------------------|--------------------|-------|
| <b>Level I: Introductory Courses (8 hrs)</b><br><i>This level must be completed before Level II</i>  |   |                  |                    |       |
| BIO 114/115  | Biological Processes                                      | 4                |                    |       |
| BIO 124/125  | Biological Diversity                                      | 4                |                    |       |
| <b>Level II: Intermediate Courses (8 hrs)</b><br><i>Students take two of the following courses. At least 1 course from this group must be completed before Level III. The 2<sup>nd</sup> course must be completed by the end of the Junior year.</i> |   |                  |                    |       |
| BIO 205  | Ecology & Field Biology                                   | 4                |                    |       |
| BIO 301  | Genetics  | 4                |                    |       |
| BIO 302  | Human Anatomy   | 4                |                    |       |
| BIO 322  | Vertebrate Biology  | 4                |                    |       |
| <b>Level III: Advanced Courses (6-8 hrs)</b><br><i>Students take two of the following courses. Note: Some courses may have specific prerequisites from Level II.</i>   |   |                  |                    |       |
| BIO 204  | Animal Behavior   | 4                |                    |       |
| BIO 208  | Functional Plant Morphology                               | 4                |                    |       |
| BIO 210  | Biogeography  | 3                |                    |       |
| BID 303  | Microbiology ( <i>BIO 301 recommended</i> )               | 4                |                    |       |
| BIO 310  | Environmental Toxicology                                  | 3                |                    |       |
| BIO 314  | Vertebrate Histology ( <i>Independent Study Only</i> )    | 3-4              |                    |       |
| BIO 315  | Entomology  | 4                |                    |       |
| BIO 318  | Ornithology   | 4                |                    |       |
| BIO 325  | Molecular Cell Biology                                    | 4                |                    |       |
| BIO 330  | Virology ( <i>BIO 301 recommended</i> )                   | 3                |                    |       |
| BIO 372  | Developmental biology ( <i>BIO 301 prereq</i> )           | 4                |                    |       |
| BIO 404  | Biochemistry ( <i>CHM 314/315 prereq, 324/325 coreq</i> ) | 4                |                    |       |
| BIO 415  | Human Gross Anatomy ( <i>BIO 302 prereq</i> )             | 4                |                    |       |
| BIO 420  | Physiology ( <i>BIO 302 or 322 prereq</i> )               | 4                |                    |       |
| BIO 450  | Evolution ( <i>BIO 301 recommended</i> )                  | 3                |                    |       |
| ENV 350  | Conservation Biology                                      | 3                |                    |       |
| <b>TOTAL HOURS FOR MINOR</b>   |   | <b>22-24 hrs</b> |                    |       |

If any substitutions or waivers of requirements are allowed, please list below and initial.

Advisor Signature: \_\_\_\_\_ Department Chair Signature: \_\_\_\_\_

Contact: Dr. Dawn Holliday  
 Email: [dawn.holliday@wcmo.edu](mailto:dawn.holliday@wcmo.edu)

Students completing a Biochemistry Major may not also receive a Biology minor.

\*\*Note that placement of experimental courses (marked with asterisks) within the minor is subject to change.

In order to earn a Minor in Biology, students must earn a letter grade of C- or better in all minor courses needed. At least 50% of all Biology hours used to satisfy the minor (11-12) must be Westminster courses.