

**Southwestern Community College****Biology: Ecology, Evolution, & Organismal Biology Emphasis**

For students planning to transfer to UNI and major in Biology (Ecology, Evolution, & Organismal Biology Emphasis), the following plan of study is generally recommended:

1. Complete an Associate of Science (A.S.) at Southwestern Community College
2. Complete ALL of the following courses at SWiCC (within the A.S. degree):

| UNI COURSE  | UNI NAME  | SWiCC COURSE   | SWiCC NAME  |
|---|---|--|---|
| BIOL 2051   | General Biology:<br>Organismal Diversity                                      | BIO 115  | General Biology IIA with Lab                                |
| BIOL 2052   | General Biology:<br>Cell Structure & Function                                 | BIO 114  | General Biology IA with Lab                                 |
| CHEM 1110   | General Chemistry I   | CHM 166  | General Chemistry I   |
| CHEM 1120   | General Chemistry II  | CHM 176  | General Chemistry II  |
| CHEM 2040   | Applied Organic & Biochemistry  | CHM 132  | Intro to Organic & Biochemistry                             |
| MATH 1140 <b>OR</b><br>MATH 1420 <b>OR</b><br>STAT 1772 | Precalculus <b>OR</b><br>Calculus I <b>OR</b><br>Intro to Statistical Methods | MAT 128 (or 129) <b>OR</b><br>MAT 210 <b>OR</b><br>MAT 156 | Precalculus <b>OR</b><br>Calculus I <b>OR</b><br>Statistics |
| EARTHSCI 1300 <b>OR</b><br>PHYSICS 1511                 | Intro to Geology <b>OR</b><br>General Physics I                               | PHS 172 <b>OR</b><br>PHY 162                               | Physical Geology <b>OR</b><br>College Physics I             |

**NOTES FROM AN ADVISOR**

1. Completion of the ALEKS Mathematics Placement Examination is mandatory.

**FOR MORE INFORMATION:** DEPARTMENT OF BIOLOGY  
143 McCollum Science Hall  
Phone: 319-273-2456  
Email: [biology@uni.edu](mailto:biology@uni.edu)