Zoology Majors (BA and BS)

Advanced Electives

For the Zoology major, you will take a series of advanced electives that should be chosen after consultation with your academic advisor.

For the **Zoology BA**, you will take at least 15 credits from BCOR 102 or 103 (whichever one you did not take as part of your core program) or 200-level courses except for BIOL 297/298.

For the **Zoology BS**, you will take 27 elective credits from BCOR 102 or 103 (whichever one was not taken for the core) or 200-level courses. You may take up to 6 credits of 100-level courses from the approved listed below as part of your 27 elective credits.

The ALLOWED and RECOMMENDED 100-and 200-level courses are given below.

The ALLOWED courses are quite extensive, whereas the RECOMMENDED courses are more tightly geared toward those involving animal biology that would be expected for the Zoology major. Why is the ALLOWED list more extensive? For example, why are all the 200-level Plant Biology courses on the list? A Zoology major may be interested in grazing animals and thus want to take a course in systematic botany to identify plants, or plant physiology to understand the nutritional ecology of grazing animals. A Pre-veterinary medicine student may want to take courses in microbiology and developmental biology. That is why you should pick your courses after talking this over with your advisor! Often a new course is offered as 295/296 by our department or another department. If you locate such a course that seems appropriate for your major, contact your advisor to discuss the issue.

**ALLOWED 200-LEVEL ELECTIVES FOR ZOOLOGY MAJORS**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>BIOL</td>
<td>All 200-level courses (except for BIOL 297/298 FOR BA)</td>
</tr>
<tr>
<td>PBio</td>
<td>All 200-level courses (Plant Biology = &quot;Botany&quot;)</td>
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<tr>
<td>MMG</td>
<td>All 200-level courses</td>
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<tr>
<td>WFB 232</td>
<td>Ichthyology</td>
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<tr>
<td>WFB 271/272</td>
<td>Wetlands Wildlife</td>
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<tr>
<td>WFB 273/274</td>
<td>Uplands Wildlife Ecology</td>
</tr>
<tr>
<td>WFB 275</td>
<td>Wildlife Behavior</td>
</tr>
<tr>
<td>WFB 279</td>
<td>Marine Ecology</td>
</tr>
<tr>
<td>PSYC 220</td>
<td>Animal Behavior</td>
</tr>
<tr>
<td>PSYC 221</td>
<td>Physiological Psychology I</td>
</tr>
<tr>
<td>ANTH 240</td>
<td>Human Osteology and Archeology</td>
</tr>
<tr>
<td>BIOC 212</td>
<td>Biochemistry of Human Disease</td>
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<tr>
<td>BIOC 240</td>
<td>Introduction to Macromolecular Structure of Proteins</td>
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</tbody>
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and Nucleic Acid
BIOC 205/206/207 Biochemistry I and II and Lab (cross-listed as CHEM)
NR/WFB 224 Conservation Biology
NR 228 Ecosystem Ecology
NR 250 Limnology
ASCI 205 Equine Reproduction and Management
ASCI 212 Animal Genetics and Breeding
ASCI 215 Physiology of Reproduction
ASCI 216 Endocrinology
ASCI 220 Lactation Physiology
ASCI 272 Zoo, Exotic Species, and Endangered Species Topics

RECOMMENDED 200-LEVEL ELECTIVES FOR ZOOLOGY MAJORS

BIOL 204/205 Advanced Genetics Laboratory
BIOL 208 Morphology and Evolution of Insects
BIOL 209 Field Zoology
BIOL 212 Comparative Histology
BIOL 217 Mammalogy
BIOL 223 Developmental Biology
BIOL 238 Winter Ecology
BIOL 246 Ecological Parasitology
BIOL 254 Population Genetics
BIOL 255 Comparative Physiology
BIOL 261 Neurobiology
BIOL 262 Neurobiology Laboratory
BIOL 264 Community Ecology
BIOL 269 Plant-Animal Interactions
BIOL 270 Speciation and Phylogeny
BIOL 271 Evolution
BIOL 276 Behavioral Ecology
\WFB 232 Ichthyology
WFB 271/272 Wetlands Wildlife
WFB 273/274 Uplands Wildlife Ecology
WFB 275 Wildlife Behavior
WFB 279 Marine Ecology
PSYC 220 Animal Behavior
NR/WFB 224 Conservation Biology

ALLOWED 100-LEVEL COURSES FOR ZOOLOGY BS STUDENTS

ANTH 140 Primates and Anthropology
ASCI 141 Anatomy and Physiology of Domestic Animals
ASCI 171 Zoos, Exotics, and Endangered Species
WFB 130/131 Ornithology/Field Ornithology
WFB 141 Field Herpetology