MINOR IN BIOLOGY

To fulfill the requirements for a Biology minor, students must complete 24 units with a GPA of 2.00 or higher. All Biology minors must complete minimum 12 units toward the minor at Towson University, with at least 6 of these units at the upper (300-400) level.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 200 &amp; 200L</td>
<td>INTRODUCTION TO CELLULAR BIOLOGY AND GENETICS [LECTURE] and INTRODUCTION TO CELLULAR BIOLOGY AND GENETICS [LAB]</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 202</td>
<td>INTRODUCTION TO ECOLOGY AND EVOLUTION</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 309</td>
<td>GENETICS</td>
<td>4</td>
</tr>
</tbody>
</table>

**Electives**

An additional 12 units of electives must be chosen from the courses listed below. At least 6 of these units must be upper-level (300-400). The remaining 6 units may be lower-level or upper-level. When selecting coursework, please review the catalog descriptions carefully. Some electives may have prerequisites (including CHEM 131, CHEM 131L, CHEM 132 and CHEM 132L). These prerequisites must be taken, but they will not count toward the minor.

BIOL 205 GENERAL BOTANY
BIOL 207 GENERAL ZOOLOGY
BIOL 208 BIODIVERSITY
BIOL 221 & 221L HUMAN ANATOMY & PHYSIOLOGY I [LECTURE] and HUMAN ANATOMY & PHYSIOLOGY I [LAB]
BIOL 222 & 222L HUMAN ANATOMY & PHYSIOLOGY II [LECTURE] and HUMAN ANATOMY & PHYSIOLOGY II [LAB]
BIOL 304 NATURAL HISTORY INTERPRETATION AND PUBLIC ENVIRONMENTAL EDUCATION
BIOL 306 HUMAN ECOLOGY AND SUSTAINABILITY
BIOL 310 CONSERVATION BIOLOGY
BIOL 312 GENETICS LABORATORY
BIOL 318 MICROBIOLOGY
BIOL 325 ANIMAL PHYSIOLOGY
BIOL 334 HUMANS, SCIENCE AND THE CHESAPEAKE BAY
BIOL 347 MARINE BIOLOGY
BIOL 353 INVERT ZOOLOGY
BIOL 355 ANIMAL PARASITOLOGY
BIOL 360 HISTOLOGY
BIOL 367 ENDOCRINOLOGY
BIOL 371 ANIMAL BEHAVIOR
BIOL 402 GENERAL ECOLOGY
BIOL 405 MOLECULAR ECOLOGY, EVOLUTION AND CONSERVATION
BIOL 406 LIMNOLOGY
BIOL 408 CELL BIOLOGY

BIOL 409 MOLECULAR BIOLOGY
BIOL 410 MOLECULAR BIOLOGY LABORATORY
BIOL 411 CANCER BIOLOGY
BIOL 412 CELL BIOLOGY LABORATORY
BIOL 413 EVOLUTION
BIOL 415 BIOTECHNOLOGY
BIOL 419 ENVIRONMENTAL MICROBIOLOGY
BIOL 420 MICROBIOLOGY OF INFECTIOUS DISEASE
BIOL 421 IMMUNOLOGY
BIOL 425 DISSECTION OF THE UPPER EXTREMITY
BIOL 427 NEUROMUSCULAR MECHANISMS OF THE UPPER BODY
BIOL 428 VIROLOGY
BIOL 432 VASCULAR PLANT TAXONOMY
BIOL 435 PLANT ECOLOGY
BIOL 436 PLANT PHYSIOLOGY
BIOL 444 WILDLIFE MANAGEMENT
BIOL 446 TROPICAL ECOLOGY AND CONSERVATION
BIOL 447 TROPICAL FIELD ECOLOGY
BIOL 452 WETLAND ECOLOGY
BIOL 455 FISH BIOLOGY
BIOL 456 ORNITHOLOGY
BIOL 458 MAMMALOGY
BIOL 461 ENTOMOLOGY
BIOL 463 DEVELOPMENTAL BIOLOGY
BIOL 467 HERPETOLOGY
BIOL 470 ADVANCED PHYSIOLOGY
BIOL 471 ADVANCED PHYSIOLOGY LABORATORY
BIOL 491 ELECTIVE IN INDEPENDENT RESEARCH
CHEM 351 BIOCHEMISTRY I
CHEM 356 BIOCHEMISTRY LAB
GEOG 221 INTRODUCTION TO GEOSPATIAL TECHNOLOGY
MBBB 301 INTRO TO BIOINFORMATICS
MBBB 315 GENOMICS

Total Units 24