**BIOLOGY MINOR**

Also available at OSU-Cascades and via Ecampus.

Administered by the Department of Integrative Biology under the School of Life Sciences.

**Minor Code: 509**

Students majoring in Biochemistry and Biophysics, Biochemistry and Molecular Biology, Biohealth Sciences, Biology, Botany, Microbiology and Zoology cannot declare the Biology minor. The courses below may be shared with other majors outside of those listed above.

The Biology minor includes a required introductory biology sequence with a chemistry prerequisite or corequisite for the second term of each series. A term of organic chemistry, CH 331 or CH 334, is required to take BB 314 and some of the listed physiology courses. A C– or better in the BI 2xx series is required to complete the minor.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>BI 221</td>
<td>*PRINCIPLES OF BIOLOGY: CELLS</td>
<td>4</td>
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<td>&amp; BI 222</td>
<td>*PRINCIPLES OF BIOLOGY: ORGANISMS</td>
<td>4</td>
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<tr>
<td>&amp; BI 223</td>
<td>*PRINCIPLES OF BIOLOGY: POPULATIONS</td>
<td>4</td>
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<tr>
<td>BI 204</td>
<td>*INTRODUCTORY BIOLOGY I</td>
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<td>&amp; BI 205</td>
<td>*INTRODUCTORY BIOLOGY II</td>
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<tr>
<td>&amp; BI 206</td>
<td>*INTRODUCTORY BIOLOGY III</td>
<td>4</td>
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<tr>
<td>BI 311</td>
<td>GENETICS</td>
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**Electives**

Select one course from each of the following subject areas: 12-16

**Cellular and Molecular Biology**

- BI 314 | CELL AND MOLECULAR BIOLOGY |
- BI 331 | INTRODUCTION TO MOLECULAR BIOLOGY |

**Ecology**

- BI 348 | HUMAN ECOLOGY |
- BI 351 | MARINE ECOLOGY |
- BI 370 | ECOLOGY |
- BOT 341 | PLANT ECOLOGY |
- MB 448 | MICROBIAL ECOLOGY |
- Z 349 | *BIODIVERSITY: CAUSES, CONSEQUENCES, AND CONSERVATION |

**Evolution**

- BI 345 | *INTRODUCTION TO EVOLUTION |
- BI 445 | EVOLUTION |

**Organisnal and Physiology**

- BI 231 | INTRODUCTION TO HUMAN ANATOMY AND PHYSIOLOGY |
- BI 331 | ADVANCED HUMAN ANATOMY AND PHYSIOLOGY |
- & BI 341 | and ADVANCED HUMAN ANATOMY AND PHYSIOLOGY LABORATORY |
- BOT 321 | PLANT SYSTEMATICS |
- BOT 331 | PLANT PHYSIOLOGY |
- MB 302 | GENERAL MICROBIOLOGY |
- Z 350 | ANIMAL BEHAVIOR |
- Z 361 | INVERTEBRATE BIOLOGY (Z 362 is optional) |
- Z 364 | DIVERSITY OF LIFE: INVERTEBRATES |
- Z 365 | BIOLOGY OF INSECTS |
- Z 371 | VERTEBRATE BIOLOGY (Z 372 is optional) |
- Z 374 | DIVERSITY OF LIFE: VERTEBRATES |
- Z 423 | ENVIRONMENTAL PHYSIOLOGY |

**Baccalaureate Core Course (BCC)**

**Writing Intensive Course (WIC)**

Minor Code: 509