Biology Minor

Print Version

College of Science | School of Life Sciences

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

Students majoring in Biochemistry and Biophysics, Biochemistry and Molecular Biology, Biohealth Sciences, Biology, Botany and Plant Pathology, 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 334, is required to take BB 314 or BI 314, Cell and Molecular Biology, and some of the listed physiology courses. A C– or better in the BI 21x or 20x series is required to complete the minor.

Required (16)

BI 211, BI 212, BI 213. *Principles of Biology (4,4,4)
  or BI 204, BI 205, BI 206. *Introductory Biology I,II,III (4,4,4)
BI 311. Genetics (4)

Electives: Choose one course in each of the following subject areas:

Cellular and Molecular Biology (3–4 credits):

BB 314/BI 314. Cell and Molecular Biology (4) **[BI 314 terminated summer 2017]**
BB 331. *Introduction to Molecular Biology (3)

Ecology (3–4 credits):

BI 348. *Human Ecology (3)
BI 351. Marine Ecology (3)
BI 370. Ecology (3)
BOT 341. Plant Ecology (4)
MB 448. Microbial Ecology (3)
Z 349. *Biodiversity: Causes, Consequences, and Conservation (3)

Evolution (3 credits):

BI 345. *Introduction to Evolution (3)
BI 445. Evolution (3)

Organismal and Physiology (3–4 credits):

BI 331. Advanced Human Anatomy and Physiology (3)
and BI 341 Advanced Human Anatomy and Physiology Laboratory (2)
BOT 313. Plant Structure (4)
BOT 321. Plant Systematics (4)
BOT 331. Plant Physiology (4)
BOT 425. Flora of the Pacific Northwest (3)
BOT 488. Environmental Physiology of Plants (3)
MB 302. General Microbiology (3)
Z 315. Dinosaur Biology (3)
Z 350. Animal Behavior (3)
Z 361. Invertebrate Biology (3)
Z 365. Biology of Insects (4)
Z 371. Vertebrate Biology (3)
Z 423. Environmental Physiology (3)
Z 431. Vertebrate Physiology I (3)
Z 432. Vertebrate Physiology II (3)
Z 440. Insect Physiology (3)
Z 473. Herpetology (3)

Total=28–32 credits

Footnotes:

* Baccalaureate Core Course (BCC)
^ Writing Intensive Course (WIC)

Minor Code: 509