

Biology Minors

Minor in Biology

The Biology Minor is available only for majors outside of the Biological Sciences.

BIOL 101 Biology I 4 cr
BIOL 102 Biology II 4 cr
BIOL 221 Introductory Microbiology 3 cr
BIOL 223 Introductory Microbiology Laboratory 1 cr
BIOL 206 Cell Biology 4 cr
BIOL 209 General Ecology 4 cr
BIOL 358 Genetics 3 cr
BIOL g417 Organic Evolution 3 cr
Upper division Biology courses 3-4 cr
TOTAL: 29 or 30 cr

Minor in Botany

BIOL 101 Biology I 4 cr
BIOL 102 Biology II 4 cr
BIOL 206 Cell Biology 4 cr
BIOL 209 General Ecology 4 cr
BIOL 358 Genetics 3 cr
BIOL g417 Organic Evolution 3 cr
Upper division Botany courses* 6-8 cr
TOTAL: 28-30 cr

*BIOL g481-g482 and BIOL g491-g492 may not be used without prior approval of the departmental chair or assistant chair.

Minor in Ecology

BIOL 101 Biology I 4 cr
BIOL 102 Biology II 4 cr
BIOL 192 Ecology Seminar 1 cr
BIOL 209 General Ecology 4 cr

Any combination of the following courses to total 12 credits:

BIOL 337 Conservation of Natural Resources 3 cr
BIOL g408 Plant Ecology 3 cr
BIOL g416 Population and Community Ecology 3 cr
BIOL g418 Ecological Topics 2 cr
BIOL g459 Fish Ecology 3 cr
BIOL g462 Fresh Water Ecology 3 cr
BIOL g476 Ecology of Water Pollution 3 cr
BIOL g489 Field Ecology 3 cr
TOTAL: 21 cr

*BIOL g481-g482 and BIOL g491-g492 may not be used without prior approval of the departmental chair or assistant chair.

Minor in Microbiology

BIOL 235 General Microbiology 4 cr

Any combination of the following courses to total 14 credits:

BIOL 334 Experimental Biochemistry 1 cr
BIOL 410 Ecology of Microorganisms 3 cr
BIOL g432 Biochemistry 3 cr
BIOL g433 Microbial Physiology 3 cr
BIOL g434 Microbial Diversity 3 cr
BIOL g451 Immunology 3 cr
BIOL g451L Immunology Laboratory 1 cr
BIOL g455 Pathogenic Microbiology 3 cr
BIOL g455L Pathogenic Microbiology Laboratory 2 cr
BIOL g465 Microbial Genetics 3 cr
BIOL g467 Microbial Genetics Laboratory 1 cr
BIOL g475 General Virology 3 cr
BIOL g477 Bacterial Virology Laboratory 1 cr
BIOL g478 Animal Virology Laboratory 1 cr
TOTAL: 18 cr

*BIOL g481-g482, BIOL g491-g492, and BIOL 494 may not be used without prior approval of the departmental chair or assistant chair

Minor in Zoology

BIOL 101 Biology I 4 cr
BIOL 102 Biology II 4 cr
BIOL 206 Cell Biology 4 cr
BIOL 209 General Ecology 4 cr
BIOL 358 Genetics 3 cr
BIOL g417 Organic Evolution 3 cr
Upper division Zoology courses* 7-8 cr
TOTAL: 25-26 or 29-30 cr

*BIOL g481-g482 and BIOL g491-g492 may not be used without prior approval of the departmental chair or assistant chair.