

BIOLOGY MINOR

The minor in biology is a perfect fit for students interested in the biological sciences, but who do not wish to pursue a career in biology. A minor in biology gives a strong basic background in cell biology, genetics, and ecology that will enhance a career in other areas such as: chemistry, physics, psychology, social sciences, computational sciences, humanities, or business.

Curriculum

Students take the basic lecture and laboratory biology courses with the Biology majors, as well as a limited number of biology electives. Students may satisfy requirements for a minor concentration in biology by completing a minimum of 24 credit hours of biology with grades of "C-" or better with an overall minor GPA of 2.0 or higher. The minor in biology requires 24 credit hours including 17 credit hours of required biology courses and seven credit hours of biology electives.

Code	Title	Hours
Required Courses		
BIOL 101	General Biology I	3
BIOL 102	General Biology II	3
BIOL 111	General Biology I Lab	1
BIOL 112	General Biology II Lab	1
BIOL 251	Cell Biology	3
BIOL 265	Ecology	3
BIOL 282	Genetics	3
Select seven credit hours of biology electives		7
Total Hours		24

Transferring students who seek a minor in biology must take a minimum of 12 credit hours in biology at Loyola.

At the completion of the Undergraduate Biology Minor:

- Students will demonstrate developing mastery of the following Vision and Change core concepts and their related principals: evolution (the diversity of life-forms that have evolved over time through mutations, selection and genetic change; structure and function (the basic units of biological structures that define the functions of all living things); information flow, exchange and storage (the influence of genetics on the control of the growth and behavior of organisms); pathways and transformations of energy and matter (the ways in which chemical transformation pathways and the laws of thermodynamics govern the growth and change of biological systems); and systems (the ways in which living things are interconnected and interact with one another).
- Students will be able to retrieve, synthesize, and critically evaluate scientific literature.
- Students will be able to communicate (orally and in writing) results and interpretation of scientific research.