

Duluth Campus

Biology Minor

Biology

Swenson College of Science and Engineering

- Program Type: Undergraduate minor related to major
- Requirements for this program are current for Spring 2022
- Required credits in this minor: 32

Biology has long been recognized as basic to such important areas as environment, agriculture, and medicine.

Program Delivery

This program is available:

- via classroom (the majority of instruction is face-to-face)

Minor Requirements

Biology Minor Courses (19 cr)

General Biology I

[BIOL 1011](#) - General Biology I [LE CAT, NAT SCI] (5.0 cr)

General Biology II

[BIOL 1012](#) - General Biology II [SUSTAIN] (5.0 cr)

Genetics

[BIOL 2201](#) - Genetics (3.0 cr)

Cell Biology

[BIOL 2110](#) - Cell and Molecular Biology (3.0 cr)

or [BIOL 3100](#) - Cell Biology (3.0 cr)

Ecology

[BIOL 2410](#) - Ecology and Evolution (3.0 cr)

or [BIOL 2801](#) - General Ecology (3.0 cr)

or [BIOL 3401](#) - Evolution (3.0 cr)

Biology Elective Requirement (3 cr)

Take 1 or more course(s) totaling 3 or more credit(s) from the following:

- [BIOL 3xxx](#)
- [BIOL 4xxx](#)
- [BIOL 5xxx](#)

Chemistry (10 cr)

Introduction to Organic and Biological Chem I and II

[CHEM 1113](#) - Introduction to General, Organic, and Biological Chemistry I [LE CAT, NAT SCI] (5.0 cr)

[CHEM 1114](#) - Introduction to General, Organic, and Biological Chemistry II (5.0 cr)

or Chemistry I and II with labs

[CHEM 1153](#) - General Chemistry I [LE CAT, NAT SCI] (4.0 cr)

[CHEM 1154](#) - General Chemistry Lab I [LE CAT, NAT SCI] (1.0 cr)

[CHEM 1155](#) - General Chemistry II (4.0 cr)

[CHEM 1156](#) - General Chemistry Lab II (1.0 cr)