

# Bachelor of Arts, Majors and Minors

## BIOLOGY

A Minor is offered

**Note:** VIU also offers a Bachelor of Science, Major and Minor in Biology

### General Description

The Minor in Biology is designed for students who have an interest in life sciences, but have additional academic and career aspirations in areas other than biology. The program is ideal for students wishing to fulfill their B.A. requirements by completing two Minors. There are many career opportunities for individuals who apply familiarity in a field of Biology (e.g., Ecology or Environmental Science, Evolution, Microbiology, or Genetics) within disciplines of Social Sciences or Humanities. Other Minor programs for the B.A. degree that integrate well with particular fields of Biology include Anthropology, Geography, Psychology, Business, Creative Writing, History, and Liberal Studies. The program will also be of particular interest to students proceeding towards a career in Primary and Secondary Education, with plans for teaching a science curriculum.

Students in the Biology Minor program require 30 credits of lower-level Arts courses. For further details, see a VIU Advisor.

### Requirements for a Minor

Students must fulfill all the Institutional B.A. degree requirements, including Degree English Requirements and courses listed below:

**Year 1:** Minimum "C-" average in BIOL 121, 122; CHEM 111/112 or 121/122 or 111/122; and MATH 211 (students with previous credit for MATH 161 or 181 are exempt from taking MATH 211).

**Year 2:** Minimum "C-" average in BIOL 201, CHEM 231, and one of the following pairs: BIOL 202 and 210 (*Ecology and Microbiology I*); BIOL 202 and 212 (*Ecology and Genetics*); BIOL 200 and 210 (*Cell Biology and Microbiology I*); or BIOL 200 and BIOL 212 (*Cell Biology and Genetics*).

**Years 3 and 4:** Minimum of 18 credits of Biology courses numbered 300 and above. Choices of upper-level Biology courses are given below based on which pair of second-year Biology courses was taken:

- **Ecology and Microbiology I** BIOL 310, 315, 320\*, 322\*, 329, 331\*, 332\*, 334, 353, 354, 357, 358, 359, 360, 395, 396, 432, 435, 436, 445, 456, 457; also FISH 321 and FISH 322.
- **Ecology and Genetics:** BIOL 310, 315, 320\*, 322\*, 329, 353, 354, 357, 358, 359, 360, 395, 396, 456, 457; also FISH 321 and FISH 322.
- **Cell Biology and Microbiology I** BIOL 305, 331\*, 332\*, 334, 432, 435, 436, 445, 465.
- **Cell Biology and Genetics:** BIOL 305, 341\*, 342\*, 443, 445, 465.

\* Courses offered every year.

Courses with other upper-level Biology courses as prerequisites.

Tropical Biology courses offered during May in Belize, Central America.

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