



# BIOL 1021 Introductory Biology II: Organismal Biology and Ecology; Summer 2023

*Dalhousie University is located in Mi'kma'ki, the ancestral and unceded territory of the Mi'kmaq. We are all Treaty people. We acknowledge the histories, contributions, and legacies of the African Nova Scotian people and communities who have been here for over 400 years.*

<b>Instructor:</b> Elizabeth Dowling biol1021@dal.ca biol102021.wordpress.com	<b>Course Delivery:</b> online; asynchronous with synchronous Help Sessions and on-campus exams	<b>Help Sessions:</b> Tuesdays via Collaborate Ultra in Brightspace, various times (posted in Brightspace Calendar); other times by appointment and To Be Announced. Help Sessions are non-mandatory and not recorded.
<b>Lectures:</b> recorded lectures posted in Brightspace	<b>Laboratories:</b> conducted online / at home (six labs in total)	

## Welcome to the Course!

BIOL 1021 introduces you to the language, concepts and practice of biology. This course is concerned with features that characterize whole organisms, and with ecological relationships. Topics include plants and fungi: life cycles, structure and function, photosynthesis; animals: structure and function, physiology and development; ecology: processes at the population, community and the biosphere levels of organization. The course is appropriate for students planning to major in biology and marine biology, in which case BIOL 1020 (or BIOL 1010) should also be taken. It is also appropriate for non-majors wishing to gain an understanding of the science underlying topical issues such as disease and climate change.

**Prerequisites.** Although high school chemistry and biology are recommended, there are no prerequisites for this course, nor is this course a prerequisite for BIOL 1020 (online) or BIOL 1010 (face-to-face). **Exclusions.** BIOL 1011, SCIE 15XX, BIOA 1003.

**Getting Started.** The course is available on the first day of term; all you need to get started is an [activated NetID](#). The first lesson is an Orientation, which presents a tour of the course structure and gives you the opportunity to try out Brightspace's tools. For the technical requirements related to the course, please visit the [BIOL 1020/21 public information site](#).



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