

BIOL 201

BIOL 201 Invertebrate Zoology

3 Credits

Introduction to the invertebrate phyla. It provides an overview of the structure, function, evolution, diversity and ecology of invertebrate animals by examining the increasing complexity in form and function in the invertebrates and their evolutionary and ecological relationships. Examples emphasize marine, terrestrial and freshwater aquatic invertebrates. Laboratories include examination of the major groups of invertebrates and may include a weekend field trip to Prince Rupert. (3,3,0) This course is an introduction to the diversity and biology of invertebrates. Through laboratory, field, and class activities learners survey the invertebrate phyla in the context of evolutionary relationships. Principles of reproduction, development, morphology, and physiology are assessed and compared between major groups. This course also examines ecological relationships and factors influencing distribution patterns. Invertebrate communities of marine, freshwater, and terrestrial environments are studied with examples from the local region, including Indigenous knowledges and perspectives. This course includes field-based learning and is often offered as a field-school intensive.

Prerequisites

BIOL 101 and BIOL 102, BIOL 101 and BIOL 102 with a C or greater

Transfer CreditsExplore transfer credit opportunities by visiting the BC Transfer Guide (<http://www.bctransferguide.ca>)