

## Biology 111- 01/02: Biology for Science Majors I

**Professor:** Brett Goodwin  
**Phone:** 762-5445 ext. 7546  
**e-mail:** [bjgoodwi@okuc02.okanagan.bc.ca](mailto:bjgoodwi@okuc02.okanagan.bc.ca)

**Office:** SCI room 163  
**Office hours:** to be determined

### Course Objectives:

This is the first semester of a full year course, the objectives of which are:

- i) to prepare the student for upper level biology courses by introducing the basic concepts of physiology, ecology, genetics, and cell function. Evolutionary theory will be a unifying theme.
- ii) to provide students with a basic knowledge of physiology, ecology and taxonomy of plants, animals and microorganisms.
- iii) to familiarize students with the process of scientific inquiry, hypothesis testing, and methods for studying and measuring biological diversity.

### Textbooks:

- Campbell, N.A. 1996. **Biology. 4th edition.** Benjamin Cummings, San Francisco.
- Biology 111 **Laboratory Manual.**

**Prerequisites:** Chem 11, Biol 11 or 12.

**Corequisites:** Chem 111 or Chem 112

This course has been designed for students who plan to continue in biology and who are aiming towards the completion of a B.Sc.

### Laboratory Sessions:

The laboratory component is an essential part of the course. Students are expected to attend each, entire laboratory session, bringing both their textbook and laboratory manual. Some laboratory sessions will reinforce and elaborate on lecture material. Other laboratory sessions will present material that is best learned in the laboratory and so will not be covered in the lectures.

### Evaluation:

First midterm examination.....	10%
Second midterm examination .....	10%
Review paper .....	15%
Final examination.....	35%
Laboratory component.....	30%

**Note:** Final grades will be assigned as percentages. Normally, if either the lecture or laboratory component of the course is failed, the maximum possible grade will be 49%. Students missing exams or assignments must provide documented evidence of a medical or compassionate reason for doing so or receive a mark of 0% for that assignment or examination.