



Life Sciences 11

Life Sciences 11 is the science of living things and focuses on microorganisms, plants and animals, and woven throughout is the theme of the unity and the diversity of all living things and of their evolutionary and ecological relationships.

The BIG Ideas are:

Life is a result of interactions at the molecular and cellular levels

Evolution occurs at the population level.

Organisms are grouped based on common characteristics.

Module 1 Adaptation & Evolution, Ecology, Viruses, and the Kingdom Monera

- Unit 1: The Study of Life
- Unit 2: Adaptation and Evolution
- Unit 3: Ecology
- Unit 4: Viruses
- Unit 5: Kingdom Monera

Module 2 the Plant Kingdom

- Unit 6: Algae, Mosses and Ferns
- Unit 7: Gymnosperms
- Unit 8: Angiosperms

Module 3 the Kingdom Animalia

- Unit 9: Porifera and Cnidaria
- Unit 10: Platyhelminthes, Nematoda and Annelida
- Unit 11: Mollusca and Echinodermata
- Unit 12 Arthropoda
- Unit 13 Chordata-Subphylum Vertebrata

Resources

Lessons and assessments are online and use a combination of text, short videos, and links to websites to help you understand the concepts.

Assessment

Your final mark is based on unit assignments/assessments (20%), unit quizzes (30%), three Module Exams (30%) and a Final Exam (20%). Assignments/assessments, quizzes and exams can be completed from home.

Note: While, in general, exams can be written at home, please note that at any time during this course, you may be required to come into NWSS or Columbia Square to write an exam.

How long will this course take?

This is a 4-credit course and you should expect to spend 100 – 120 hours to complete it. Students are expected, to complete their course within two semesters.

Need help?

You may get help online in the course, or by email, or in person.