



Life Sciences 11

Instructor: Jim Kemp

Email: jkemp@sd40.bc.ca

Phone: 604-517-6191

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.

The 13 units are organized into 3 modules:

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

Module 2 the Plant Kingdom,

Module 3 the Kingdom Animalia.

Resources

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

Many lessons have links to the [Mader Online Learning Center](#), which provides additional online resources and support.

Assessment

Your final mark is based on unit assignments/assessments (20%), unit quizzes (30%), three Module Exams (30%) and a Final Exam (20%). Assessments are linked to learning outcomes and rubrics are found on the submission tool for each assignment.

Assignments/assessments and quizzes can be completed from home, but the **three module exams and the final exam are written under teacher supervision** at one of our [locations](#). Students residing outside the metro Vancouver area can arrange for remote proctoring at another educational location. Contact your teacher for details.

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 a 4-5 month period of time, but do have up to two semesters.

Need help?

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