



Biology 12

Instructor: Deborah Goertz
Email: dgoertz@sd40.bc.ca
Phone: 604-517-6191

Description

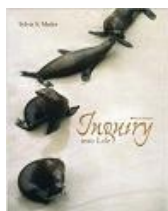
Biology is the science of living things. Biology 12 focuses on cell biology and human biology. Cells are the building blocks of all living things. The first part of this course examines the basic structure and function of cells and includes topics such as the cell membrane, organelles, metabolism and enzymes, and protein synthesis. The second part of the course is concerned with body systems, including the circulatory, respiratory, digestive, urinary, nervous, and reproductive systems. As a study of human systems, Biology 12 is often a required prerequisite course for post-secondary health sciences programs.

The **prescribed learning outcomes** as well as other information for this course can be found by visiting the Ministry of Education's website: <http://www.bced.gov.bc.ca/irp/welcome.php>

Please Note: Students have up to two semesters to complete the course.

Required Resources

The lessons and assessments are online, so you will need access to a computer with high speed internet. Lessons use a combination of text and short videos, interactive animated exercises and links to websites to help you understand the concepts.



The textbook '*Inquiry into Life*' by Sylvia Mader (10th Ed.) is a required resource for this course. The \$100 textbook deposit is fully refunded once you complete the course and return it within one year.

Note: The textbook pages needed for both Unit 1 and Unit 2 are available within the online course. Pick up the textbook when you come to write the Unit 2 Test. (NWSS students drop by room #183.)

Assessment Strategies and Performance Standards

The course is comprised of 10 units; each unit concludes with a test worth 10%. Your final grade in the course is the average of your marks for the 10 unit tests. There is no final exam.

The Unit 1 test is 'open book' (notes are permitted) and can be written at any location with Internet access, including home. The exams for Units 2 through 10 are password-protected and written under supervised conditions in either room #183 (if you are a NWSS student) or the Columbia Square ALC.

Further information about the BC Performance Standards and about reporting practices can be found at http://www.bced.gov.bc.ca/perf_stands/ and www.bced.gov.bc.ca/classroom_assessment/09_report_student_prog.pdf

To Begin

Once registered, log into your course (<http://www.virtualschoolbc.ca>) and follow the instructions on the Biology 12 Home Page. Contact the course instructor if you have any questions.

All the best as you pursue your studies!