

HOLY TRINITY CATHOLIC SECONDARY SCHOOL

COURSE OUTLINE



Name of Course/Course Code: SBI3U

Course Prerequisite: SNC2D

Course Description: This course furthers students' understandings of the processes involved in biological systems. Students will study cellular functions, genetic continuity, internal systems and regulation, the diversity of living things, and the anatomy, growth, and functions of plants. The course focuses on the theoretical aspects of the topics under study, and helps students refine skills related to scientific investigation. University preparation courses are designed to equip students with the knowledge and skills they need to meet the entrance requirements for university programs. Teaching and learning will emphasize theoretical aspects of the course content and will also include concrete applications. Emphasis is also placed on the development and demonstration of both independent research skills and independent learning skills by students.

Catholic Graduate Expectations: This course seeks to further the achievement of Catholic Graduate expectations through integrating Scripture, Catholic Church teaching, and moral and ethical reflection into the curriculum. Biology becomes authentic when it acknowledges both the material and spiritual dimensions of life. Students use Scripture to reflect on the mystery, wonder and awe, and sacredness of life. They use Church teaching to inform themselves in order to think critically and reflectively about the moral and ethical issues raised in the course. In addition to the informative role that the curriculum plays, there is the formative role of the community within the classroom. When Gospel values are actively witnessed within the classroom community they reveal the deeper spiritual Truth of our creation and are seen as something 'reasonable and worthy of being lived.'

Units of Study

Unit 1	Diversity of Living Things
Unit 2	Cellular Functions
Unit 3	Genetic Continuity
Unit 4	Internal Systems and Regulation
Unit 5	Plants: Anatomy, Growth and Functions

Evaluation

70%	30%
Knowledge/Understanding	Culminating Task – 10%
Thinking/Inquiry	
Communication	Exam – 20%
Application	

Course Resources Required:

For a detailed course description of this course, please visit
<https://www.edu.gov.on.ca/eng/curriculum/secondary>