

**ST. JOSEPH CATHOLIC SECONDARY SCHOOL**  
**COURSE OUTLINE**



**Name of Course/Course Code: Grade 11 University Biology, SBI 3U**

**Course Prerequisite: SNC 2D**

**Course Description:**

This course furthers students' understandings of the processes involved in biological systems. Students will study theory and conduct investigations in the areas of biodiversity; evolution; genetic processes; the structure and function of animals and the anatomy and growth 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.

**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	Biodiversity
Unit 2	Genetic Processes
Unit 3	Animals: Structure and Function
Unit 4	Plants: Anatomy , Growth and Function
Unit 5	Evolution

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**Evaluation**

70%	30%
Knowledge/Understanding	Culminating Task and Exam
Thinking/Inquiry	
Communication	
Application	

**Course Resources Required:**

*Biology 11*, University Preparation, Nelson

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