



# ST. THOMAS AQUINAS SECONDARY SCHOOL

25 Corporation Drive  
Brampton ON, L6S 6A2  
Phone: 905.791.1195

## COURSE OUTLINE

<b>Department Name:</b>	Science
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<b>Course Name:</b>	Grade 12 University Biology
<b>Course Code:</b>	SBI4U1

<b>Course Description:</b>	This course provides students with the opportunity for in-depth study of the concepts and processes that occur in biological systems. Students will study theory and conduct investigations in the areas of biochemistry, metabolic processes, molecular genetics, homeostasis, and population dynamics. Emphasis will be placed on the achievement of detailed knowledge and the refinement of skills needed for further study in various branches of the life sciences and related fields.
<b>Strands/ Units:</b>	<ul style="list-style-type: none"><li>• Biochemistry</li><li>• Metabolic Processes</li><li>• Molecular Genetics</li><li>• Homeostasis</li><li>• Population Dynamics</li></ul>
<b>Catholic Graduate Expectations:</b>	This course helps students to meet the Ontario Catholic School Graduate Expectations by examining, evaluating and applying knowledge of interdependent systems (physical, political, ethical, socio-economic and ecological) for the development of a just and compassionate society.

### Assessment and Evaluation:

Category Weightings	Weight
Knowledge/Understanding	25%
Thinking	35%
Application	25%
Communication	15%

Final Summative Assessments	Grade Distribution
Term Work	70%
Exam	30%