

Your Degree Pathway

A degree in Information Technology requires the completion of 90 Credits for a Bachelor's Degree (three years) or 120 Credits for an Honours Degree (four years). Your courses will consist of Major, General Education, Elective, Math and Writing Courses.

First Year

First year will introduce you to the university environment, provide you with general education courses, and allow options for you to study courses aligned with your own interests.



Information Technology Courses: Introduction to Information Technology, Object-Based Programming, Information and Organizations

General Education Courses: Humanities, Social Sciences or Natural Sciences (for non-science students)

Math Courses: Introduction to Sets and Logic

Elective Courses: Your choice of courses outside of Information Technology

Second Year

In your second year, you will focus on the critical topics in the Information Technology program.



Information Technology Courses: Introduction to Analytical Programming, Object-Oriented Programming, Introduction to Data Structures, Systems Administration

General Education Courses: Humanities, Social Sciences or Natural Sciences (for non-science students)

Courses Outside Information Technology: Choose new subjects to explore or continue to develop skills from previous selections

Elective Courses: These courses can include additional Information Technology courses or further courses of interest

Third Year

Your third year in Information Technology will intensify the focus on your major while maintaining options for you to explore interest and skill building courses.



Information Technology Courses: Systems Analysis and Design, Web Technologies, Systems Architecture, Applied Data Communications and Networks, Using and Designing Database Systems, Designing User Interfaces

Math Courses: Introduction to Applied Statistics

Writing Courses: Effective Writing for the Workplace

Elective Courses: These courses can include additional Information Technology courses or further courses of interest

Fourth Year

In your fourth and final year, you will join the Technology Internship Program in which you will work for one or more technology companies for periods of three or more months. Once complete you will return to class and take advanced Information Technology courses which include options to select your interests and specialize your education.



Information Technology Courses: Choose from a wide variety of 4000 level courses including Advanced System Analysis and Design, Business Process Management Systems, Data Warehousing and Business Intelligence and Requirements Management.

Courses Outside Information Technology: Choose new subjects to explore or continue to develop skills from previous selections



Your Degree!