

2025-2026 academic year  
2024, 2023, 2022 start

# Bachelor of Information Technology

## Networking & I.T. Security



Student name:

Student ID:

Advisor:

YEAR ONE				
INFR 1411U Introduction to Networking I	INFR 1010U Discrete Mathematics	INFR 1101U Intro to Programming for I.T.	BUSI 1030U Writing & Critical Thinking	BUSI 1600U Management of the Enterprise
INFR 1421U Introduction to Networking II <i>INFR 1411U</i>	INFR 1016U Introductory Calculus	INFR 2141U Object Oriented Programming for I.T. <i>INFR 1101U</i>	INFR 2810U Computer Architecture <i>INFR 1100U &amp; 1010U/1016U</i>	BUSI 2000U Collaborative Leadership
YEAR TWO				
INFR 2411U Advanced Networking I <i>INFR 1421U</i>	INFR 1400U Statistics for I.T. <i>INFR 1010U &amp; 1016U</i>	INFR 3120U Web & Script Programming <i>INFR 2141U</i>	INFR 2600U Introduction to Computer Security	INFR 1550U Law and Ethics of I.T.
INFR 2421U Advanced Networking II <i>INFR 1421U</i>	INFR 2820U Algorithms & Data Structures <i>INFR 1010U/1016U</i>	INFR 2830U Operating Systems <i>INFR 1101U</i>	Business Elective	General Elective
YEAR THREE				
INFR 2431U Advanced Networking III <i>INFR 2411U &amp; 2421U</i>	INFR 2670U Introduction to Cloud Services <i>INFR 2810U</i>	INFR 3600U Cryptography & Network Security <i>INFR 1010U &amp; 2600U</i>	BUSI 2550U Introduction to Project Management <i>year 2+ standing</i>	General Elective
INFR 3610U Operating System Security <i>INFR 2600U &amp; 2830U</i>	INFR 3720U Basics of Digital Transmission <i>INFR 1400U &amp; 1421U</i>	INFR 3810U Database Systems <i>INFR 2820U</i>	INFR 3850U System & Network Administration <i>INFR 2421U &amp; 2830U</i>	INFR 3700U Machine Learning <i>INFR 2141U &amp; 1400U</i>
YEAR FOUR				
INFR 4680U IT Security Policies & Procedures <i>INFR 1550U &amp; 3600U &amp; year 4 standing</i>	INFR 4661U Introduction to Penetration Testing <i>INFR 2820U &amp; 3120U &amp; 3810U</i>	XBIT 4500U Capstone or XBIT 4600U Internship or XBIT 4700U Venture Creation	Technical Elective	Open Elective
INFR 4690U I.T. Forensics <i>INFR 2421U &amp; 3600U &amp; 3610U</i>	Technical Elective	Technical Elective	Open Elective	Open Elective

F = Fall term available W = Winter term available S = Spring/Summer available (subject to change without notice).

Prerequisites noted (where "/" = "or")

**Note: attempting to register for courses from different year-levels may result in scheduling-conflicts.**

Colour Legend:	Outstanding courses	Completed courses	Fall 2025	Winter 2026
Current Earned Credit Hours	/120	Comments:		
Current Registered Credit Hours				
Outstanding Credit Hours	/120			

This program map is intended as a resource to guide you through your course planning and track your academic progress. It provides an overview of the recommended course sequence and elective options. Please refer to the official [Ontario Tech University Academic Calendar](#) for the most up-to-date and comprehensive information on program requirements, course prerequisites, and academic policies. This is not an official document and is meant to provide guidance on what courses you should enroll in for the upcoming terms. Please double check this map with your OT transcript to ensure there are no discrepancies with what is recorded.

### ELECTIVE INFORMATION

**Business Elective:** a business course outside of one's major (prefix = BUSI)

**General Elective:** a course outside of business (i.e., without the BUSI prefix)

**Open Elective:** either a general or a business elective

**Technical elective:** an upper year technical focused course (must be chosen from posted elective list)

**FBIT elective list:** <https://businessandit.ontariotechu.ca/undergraduate/academic-support/electives.php>

### Academic Support:

- **Schedule an appointment with First-year Academic Advising:** <https://academicadvising.ontariotechu.ca/FBIT/first-year-students.php>
- **Schedule an appointment with Upper-year Academic Advising:** <https://academicadvising.ontariotechu.ca/FBIT/upper-year-students.php>
- **Experiential Learning office (internship, co-op, capstone):** <https://businessandit.ontariotechu.ca/experiential-learning/contact.php>

### Additional Information:

- **Course descriptions:** <https://calendar.ontariotechu.ca/content.php?catoid=88&navoid=3954>
- **2025/2026 Academic schedule:** <https://calendar.ontariotechu.ca/content.php?catoid=88&navoid=3946>
- **Grading scale:** <https://registrar.ontariotechu.ca/services/grading.php>
- The minimum (cGPA) required to graduate and to remain in clear academic standing is 2.00.

### Mental Health Support:

- If you are experiencing mental health or other crisis: <https://studentlife.ontariotechu.ca/mental-health-services.php>

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- Book an appointment: <https://ontariotechu.ca/forms/online/view.php>