BCIT™

Full-Time BScACS
Network Security Applications Development Option- Program Map

Admission Requirements:
- BCIT Computer Systems Technology (CST) Diploma or
- A minimum of 60 credits of post-secondary level education in Computing from a recognized institution and entry requirements

Term 5 (15 weeks) — 16 credits

COMP 7003	COMP 7035	COMP 7082	MATH7808	COMP 7005
Introduction to Information & Network Security	Operating Systems	Software Engineering	Calculus for Computing	Computer Network & Protocols
3 credits	3 credits	3 credits	4 credits	3 credits

Term 6** (15 weeks) — 16 credits

COMP 8042	COMP 8082	MATH 7908	COMP 8003	LIBS 7001
Advanced Algorithms & Data Structures Design and Analysis	Project Management	Linear Algebra and Applications for Computing	Network & Security Administration	Critical Reading and Writing
3 credits	3 credits	4 credits	3 credits	3 credits

Term 7 (15 weeks) — 18 credits

COMP 8085	COMP 8800	COMP 7402	COMP 8005	LIBS 7002*	General Education Elective
Artificial Intelligence	Major Project 1	Topics in Computer Programming - Cryptology	Network & Security Applications Development	Applied Ethics	
3 credits	3 credits	3 credits	3 credits	3 credits	3 credits

Term 8 (15 weeks) — 15 credits

COMP 7012	COMP 8900	COMP 8505	General Education Elective	General Education Elective
Interaction Design	Major Project 2	Special Topics in Network & Security Development		
3 credits	3 credits	3 credits	3 credits	3 credits

*Students who have completed the CST Diploma do not have to take LIBS 7002 Applied Ethics as they have taken LIBS 7102 Ethics for Computing Professionals in the CST Diploma program, which is an equivalent course.

**Students admitted to the competitive co-op program will complete COMP 7990 Cooperative Education Workterm 1 and COMP 8990 Cooperative Education Workterm 2 after Term 6 and before Term 7 (e.g. for Fall intake: Workterm 1: September through December, Workterm 2: January through April).*

TOTAL CREDITS: 65

Updated February 2023