Curriculum and Course Information

1.0 Course requirements in Cybersecurity

CMPT 120 Introduction to Programming 4 cr
CMPT 220 Software Development I 4 cr
CMPT 221 Software Development II 4 cr
CMPT 230 Software Systems and Analysis 4 cr
CMPT 306 Data Communications and Networks 4 cr
CMPT 308 Database Management 4 cr
CMPT 307 Internetworking 4 cr
CMPT 330 System Design 4 cr
CMPT 4xx Computer Forensics 4 cr
CMPT 416 Introduction to Cybersecurity 4 cr
CMPT 417 Hacking and Penetration Testing 3 cr
CMPT 4xx Cybersecurity Project (Capping) 4 cr
Two Cybersecurity technical electives [1] 8 cr

Credit Requirements in Cybersecurity 55 cr

2.0 Course Requirements in Related Fields

- BUS 100 Introduction to Business and Management 3 cr
- MATH 130 Introduction to Statistics 3 cr
- MATH 241 Calculus I 4 cr
- MATH 250 Discrete Mathematics 4 cr

Credit Requirements in Related Fields 14 cr

Total Credit Requirements for a Major in Cybersecurity 69 cr

3.0 Core/Liberal Studies Requirements

3.1 Foundation Requirements
- First-year Seminar 4 cr
- Writing for College 3 cr

3.2 Distribution Requirements
- Philosophical Perspectives 3 cr
- Ethics: CMPT 305 Technology, Ethics, and Society 3 cr
- Science 3 cr
- Mathematics 0 cr[2]
- Literature 3 cr
- Fine Arts 3 cr
- History 3 cr
- Social Science 3 cr

3.3 Interdisciplinary Connections Sequence 12 cr
- Capping 0 cr[3]

Total Core/Liberal Studies Requirement 40 cr

4.0 Electives (and/or Internship) 11 cr

Total Credit Requirement for Graduation 120 cr

[2] Included in major requirements
[3] Included in major requirements