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

[1] Upper Level Cybersecurity electives include Cryptography (4), Network
      Security (4), Network Virtualization (4), Mobile Security (4), and
      Secure Database Design (4).

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