CYBER SECURITY MINOR

(1)

Required Courses:

- COSC 110 - Problem Solving and Structured Programming **Credits:** 3 (2)
  or
- Controlled Elective (see below)

- COSC 216 - Introduction to Cyber Security **Credits:** 3 (3)

- COSC 345 - Computer Networks **Credits:** 3 (4)
  or
- COSC 352 - LAN Design and Installation **Credits:** 3
  or
- IFMG 352 - LAN Design and Installation **Credits:** 3

- CRIM 101 - Crime and Justice Systems **Credits:** 3 (5)
  or
- CRIM 102 - Survey of Criminology **Credits:** 3 (5)
  or
- Controlled Elective (see below)

- CRIM 321 - Cybersecurity and Loss Prevention **Credits:** 3
  or
- CRIM 323 - Cybersecurity and the Law **Credits:** 3

Controlled Electives:

Select at least 3cr from the following:

- COSC 341 - Introduction to Database Management Systems **Credits:** 3
- COSC 356 - Network Security **Credits:** 3
- COSC 362 - Unix Systems **Credits:** 3
- COSC 427 - Introduction to Cryptography **Credits:** 3
- COSC 429 - Digital Forensics **Credits:** 3
- COSC 430 - Introduction to Systems Programming **Credits:** 3
- COSC 432 - Introduction to Operating Systems **Credits:** 3
- COSC 454 - Information Assurance Administration **Credits:** 3
- CRIM 321 - Cybersecurity and Loss Prevention **Credits:** 3
- CRIM 323 - Cybersecurity and the Law **Credits:** 3
- CRIM 401 - Contemporary Issues in Criminology **Credits:** 3
- CRIM 403 - Dilemmas in Criminology and Criminal Justice **Credits:** 3

Total Minor Requirements: 18

(1) At most 6cr of a student's major can be counted towards both the major and minor. Computer Science/Cyber Security students are not eligible to take this minor; instead, they must take a Criminology minor.

(2) Students with COSC 110 (or equivalent such as IFMG 210) as part of their major must take 3 credits from the controlled elective list.

(3) Computer science majors cannot count COSC 216 for both their major and minor.

(4) Computer Science majors cannot count COSC 352 or IFMG 352. Computer Science majors must take COSC 345.

(5) Students with CRIM 101 or CRIM 102 as part of their major must take 3 credits from the controlled elective list.