Two minor core courses:

- ECE 4560: Applied Computer and Network Security Fundamentals (3)
  (Pre: ECE 4564 or CS 3214)
- CS 4264: Principles of Computer Security (3)
  (Pre: CS 3214 or (ECE 2500, ECE 3574))

One of the following group (networks):

- ECE 4564: Network Application Design (3)
  (Pre: ECE 2504, ECE 2574)
- CS 4244: Internet Software Development (3)
  (Pre: CS 3214)
- CS 4254: Computer Network Arch and Programming (3)
  (Pre: CS 3214)
- ECE 4614: Telecommunication Networks (3)
  (Pre: ECE 2504, ECE 2704, STAT 4714)

One of the following group (systems):

- CS 3214: Computer Systems (3)
  (Pre: CS 2506, CS 2114)
- CS/ECE 4504: Computer Organization (3)
  (Pre: CS 3214)
- ECE 3574: Applied Software Engineering (3)
  (Pre: ECE 2574)

One of the following group (interdisciplinary):

- ACIS 4684: Information Systems Security and Assurance (3)
  (Pre: (ACIS 4554 or BIT 4554) or ACIS 4534)
- FIN 4014: Internet, Electronic, and Online Law (3)
  (Pre: None)
- MATH 4175: Cryptography (3)
  (Pre: One Math course at or above 3000 level)
- MATH 4176: Cryptography (3)
  (Pre: Math 4175)

One additional course from either the networks, systems, or interdisciplinary list

WWW XXXX: Elective Course (3)
One credit seminar course
ECE 4944 Cybersecurity Seminar (only offered Spring term)

(1)
(Pre: ECE 2504 or CS 2505 and Senior Standing)

TOTAL

Declaration Requirement: Students wishing to declare their intention to complete the cybersecurity minor must first successfully complete CS 3214 OR ECE 3574. Students may declare their intention at http://www.engage.vt.edu/undergraduate/undergraduate-changing-majors.html

GPA Requirement: Students must obtain a GPA of 2.0 or better over the courses used to satisfy the requirements of the minor.

1 This checksheet does not contain hidden prerequisites.