CHECK SHEET
Cybersecurity Minor
College of Engineering
Bradley Department of Electrical & Computer Engineering
For student date of entry under UG catalog 2021-2022

Two minor core courses:[1]
　　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 3754: Cloud Software Development ___ (3)
　　　　(Pre: CS 2114)
　　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)
　　BIT 4614 Information Security ___ (3)
　　　　(Pre: ACIS 4554 or BIT 4554)
　　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
　　WWWW 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   ___ (19)

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.enge.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.