# PRIVACY AND SECURITY CONCENTRATION

Select from the following:

1. CPE/CSC 422 Network Security
2. CPE 426 Introduction to Hardware Security
3. CSC 323 Cryptography Engineering
4. CSC 325 Introduction to Privacy: Policy and Technology
5. CSC 421 Binary Exploitation: Tools and Techniques
6. CSC 424 Software Security
7. CSC 425 Wireless Security
8. CSC 429 Current Topics in Computer Security
9. CSC 521 Computer Security
10. CSC 522 Advanced Network Security
11. CSC 524 System Security

Select from the following:

1. CPE 315 Computer Architecture
2. CPE/CSC 422 Network Security
3. CPE 426 Introduction to Hardware Security
4. CPE/CSC 431 Compiler Construction
5. CPE/CSC 454 Implementation of Operating Systems
6. CPE 465 Advanced Computer Networks
7. CPE 469 Distributed Systems
8. CSC 323 Cryptography Engineering
9. CSC 325 Introduction to Privacy: Policy and Technology
10. CSC 400 Special Problems
11. CSC 421 Binary Exploitation: Tools and Techniques
12. CSC 424 Software Security
13. CSC 425 Wireless Security
14. CSC 429 Current Topics in Computer Security
15. CSC 521 Computer Security
16. CSC 522 Advanced Network Security
17. CSC 524 System Security
18. MATH 341 Theory of Numbers
19. MATH 437 Game Theory
20. MATH 451 Numerical Analysis I
21. MATH 453 Numerical Optimization
22. MATH 481 Abstract Algebra I

**Mathematics/Statistics Elective**

Select from the following:

1. MATH 241 Calculus IV
2. MATH 248 Methods of Proof in Mathematics
3. MATH 306 Linear Algebra II

Total units: 24

Students in this concentration must take CSC 321 as part of their major.

1. Courses taken in this list cannot be double-counted in the concentration.
2. An additional 4 units of CPE/CSC Technical Electives is needed if CPE/CSC 123 is not taken in the major.
3. Up to 4 units may be taken from CSC 400.