

List A consists of any CMPE 300-level or 400-level course, except CMPE499, not otherwise required for CMPE program or the relevant track; and the following CMSC courses.

- CMSC426 Principles of Computer Security
- CMSC441 Algorithms
- CMSC442 Information and Coding Theory
- CMSC443 Cryptology
- CMSC478 Machine Learning
- CMSC479 Introduction to Robotics
- CMSC481 Computer Networks
- CMSC482 Computer Systems Security
- CMSC487 Introduction to Network Security

List B consists of the following CMSC courses, plus a single ENME course

- CMSC422 Operating System Design
- CMSC425 Performance Analysis of Computer Systems
- CMSC431 Compiler Design Principles
- CMSC447 Software Engineering I
- CMSC455 Numerical Computations
- CMSC471 Artificial Intelligence
- CMSC483 Parallel and Distributed Processing
- CMSC486 Mobile Radio Communications
- ENME403 Automatic Controls

List C consists of the following specific CMPE and CMSC courses

- CMPE323 Signals and Systems
- CMPE418 VLSI Testing
- CMPE422 Digital Signal Processing
- CMPE447 Analog Integrated Circuit Design
- CMPE471 Experimental Techniques for Electrical and Computer Engineering
- CMPE491 any offering that includes the term “security” in its title.
- CMSC442 Information and Coding Theory
- CMSC443 Cryptology
- CMSC447 Software Engineering I
- CMSC455 Numerical Computations
- CMSC491 any offering that includes the term “security” in its title.

The configurations of List A, B, and C stated above were approved by the UGPC in February 2017, and by Undergraduate Council in April, 2017.