Requirements for a minor may be completed at any campus location offering the specified courses for the minor. Students may not change from a campus that offers their major to a campus that does not offer their major for the purpose of completing a minor.

**Program Requirements**

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**Requirements for the Minor**

A grade of C or better is required for all courses in the minor, as specified by Senate Policy 59-10 (https://senate.psu.edu/policies-and-rules-for-undergraduate-students/59-00-minors-and-certificates/#59-10). In addition, at least six credits of the minor must be unique from the prescribed courses required by a student’s major(s).

**Prescribed Courses**

Prescribed Courses: Require a grade of C or better

- CMPEN/EE 362 Communication Networks 3
- CMPSC 443 Introduction to Computer and Network Security 3
- CMPSC 473 Operating Systems Design & Construction 3

**Additional Courses**

Additional Courses: Require a grade of C or better

Select 3-6 credits from the following: 3-6

- CMPEN 462 Wireless Communications Systems and Security
- CMPSC 447 Software Security

**Supporting Courses and Related Areas**

Supporting Courses and Related Areas: Require a grade of C or better

Select 3-6 credits from the following: 3-6

- CMPEN 431 Introduction to Computer Architecture
- CMPSC 431W Database Management Systems
- CMPSC 461 Programming Language Concepts
- CMPSC 464 Introduction to the Theory of Computation
- CMPSC 475 Applications Programming