

CYBERSECURITY COMPUTATIONAL FOUNDATIONS, MINOR

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

| Requirement | Credits |
|----------------------------|---------|
| Requirements for the Minor | 18 |

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).

| Code | Title | Credits |
|---|---|---------|
| Prescribed Courses | | |
| <i>Prescribed Courses: Require a grade of C or better</i> | | |
| CMPEN/EE 362 | Communication Networks | 3 |
| CMPSC 443 | Introduction to Computer and Network Security | 3 |
| CMPSC 473 | Operating Systems Design & Construction | 3 |
| Additional Courses | | |
| <i>Additional Courses: Require a grade of C or better</i> | | |
| 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 | | |
| <i>Supporting Courses and Related Areas: Require a grade of C or better</i> | | |
| 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 | |