

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

To be ready to take the courses in the minor students must complete the following courses (or their equivalents): CMPSC 121 or CMPSC 131, CMPSC 122 or CMPSC 132, CMPSC 221, CMPSC 311, CMPSC 360, CMPEN 270/CMPEN 271, CMPEN 331, and STAT 318.

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 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: ¹		3-6
CMPEN 431	Introduction to Computer Architecture	
CMPSC 431		
CMPSC 461	Programming Language Concepts	
CMPSC 464	Introduction to the Theory of Computation	
CMPSC 475	Applications Programming	