

# SOFTWARE ENGINEERING MINOR

**Banner Code:** SWE

## Academic Advising

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## Admissions & Policies

### Admissions

#### Declaring a Software Engineering Minor

Students requesting a software engineering minor must have completed CS 112 Introduction to Computer Programming (Mason Core) or CS 211 Object-Oriented Programming with a B or better.

### Policies

#### General

Candidates for the minor in software engineering must complete 19 credits in software engineering with a minimum GPA of 2.00, 8 credits of which must be unique to the minor and not used for the major. For policies governing all minors, see AP.5.3.4 Minors.

#### Grades

No more than 3 credits of D grades may be used to satisfy minor requirements.

## Requirements

### Minor Requirements

Total credits: 19

#### Required Courses

Code	Title	Credits
CS 112	Introduction to Computer Programming (Mason Core)	4
CS 211	Object-Oriented Programming	3
CS 310	Data Structures	3
Select three from the following:		9
SWE 205	Software Usability Analysis and Design	
CS 321	Software Engineering	
CS 332	Object-Oriented Software Design and Implementation	
SWE 432	Web Application Development	
SWE 437	Software Testing and Maintenance	
SWE 443	Software Architectures	

Total Credits 19