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) (http://catalog.gmu.edu/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 (http://catalog.gmu.edu/policies/academic/undergraduate-policies/#ap-5-3-4).

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) (http://catalog.gmu.edu/mason-core/)	4
or CS 108 & CS 109	Intro to Computer Programming, Part A and Intro to Computer Programming, Part B	
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	
SWE 419	Object-Oriented Software Design and Implementation	
or CS 332	Object-Oriented Software Design and Implementation	
or SWE 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