Volgenau School of Engineering

SOFTWARE ENGINEERING MINOR
2017-2018

The software engineering minor emphasizes building software that is usable, reliable, safe, secure, and maintainable, as well as the customary emphasis on efficiency and time-to-market. Candidates for the minor must complete 19 credits of coursework with a minimum GPA of 2.0.

Students requesting a Software Engineering Minor must have completed CS112 or CS211 with a grade of B or better.

Requirements:

CS 112	Credits: 4	Introduction to Computer Programming
CS 211	Credits: 3	Object-Oriented Programming
CS 310	Credits: 3	Data Structures

and three elective courses chosen from:

SWE 205	Credits: 3	Software Usability Analysis and Design
CS 321	Credits: 3	Software Engineering
CS 332	Credits: 3	Object-Oriented Software Design and Implementation
SWE 432	Credits: 3	Design and Implementation of Software for the Web
SWE 437	Credits: 3	Software Testing and Maintenance
SWE 443	Credits: 3	Software Architectures

Students should pay careful attention to prerequisites when selecting elective courses.

University requirements state that at least 6 hours must be completed at George Mason University. No more than 3 hours of a "D" grade in the minor is accepted. University requirements also state that at least 8 hours used towards the minor may not be used towards the student's major requirements.

We invite requests for additional information. Please contact:

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