

SOFTWARE ENGINEERING CERTIFICATE

The software engineering certificate stands alone or stacks on top of the full stack web development certificate by furthering fundamentals in programming and data structures as well as building the skills to design, develop, and manage larger software projects. Students must complete the following courses to earn the software engineering certificate.

A minimum of 12 credits is required:

Code	Title	Credits
Required Courses:		
CS 191	Computer Science II	3
CS 280	Data Structures	3
CS 412	Software Engineering	3
And one of the following electives:		3
CS 350	WEB APPL DEVELOPMENT II	
CS 390	Software Entrepreneurship	
CS 410	Systems Analysis and Design	
CS 415	Software Engineering II	
CS 435	Mobile Development	
Total Credits		12