

# CERTIFICATE IN SOFTWARE ENGINEERING

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The Certificate in Software Engineering is intended for students who want to increase their knowledge and skills in software design, development, and maintenance.

Certificate programs offer working professionals an opportunity to increase their knowledge and skills in the specific areas of computer science. A certificate representing proven academic performance is presented after the required nine credit hours of coursework is completed with a GPA of 3.0/4.0. Courses taken may be later applied toward a computer science master's degree program.

## Curriculum

Code	Title	Credit Hours
Select nine credit hours from the following:		
CS 487	Software Engineering I	3
CS 521	Object-Oriented Analysis and Design	3
CS 536	Science of Programming	3
CS 537	Software Metrics	3
CS 586	Software Systems Architectures	3
CS 587	Software Project Management	3
CS 589	Software Testing and Analysis	3
<b>Total Credit Hours</b>		<b>9</b>