

# SOFTWARE ENGINEERING, POST-BACCALAUREATE CERTIFICATE (P.B.C.)

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## 12 credits required

All Graduate Certificate in Engineering Programs consist of 4 courses/12 credits. All students are expected to complete a preliminary course plan for their intended degree program. Degree planning worksheets can be found here: <https://mage.umd.edu/degree-planning-sheets> (<https://mage.umd.edu/degree-planning-sheets/>)

Course	Title	Credits
Required courses:		
ENPM611	Software Engineering	3
ENPM612	System and Software Requirements	3
ENPM613	Software Design and Architecture	3
ENPM614	Software Testing & Maintenance	3
<b>Total Credits</b>		<b>12</b>