

# 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 & Implementation | 3       |
| ENPM614           | Software Testing & Maintenance   | 3       |
| Total Credits     |                                  | 12      |