

SOFTWARE ENGINEERING, MASTER OF ENGINEERING (M.ENG.)

Non-thesis only: 30 credits required

All Professional Master of Engineering Programs consist of 10 courses/30 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 |
|--|--|-----------|
| Software Core (Take All 5) | | |
| ENPM611 | Software Engineering | 3 |
| ENPM612 | System and Software Requirements | 3 |
| ENPM613 | Software Design & Implementation | 3 |
| ENPM614 | Software Testing & Maintenance | 3 |
| ENPM696 | Reverse Software Engineering | 3 |
| ENPM Software Electives (Choose One) | | 3 |
| ENPM808 | Advanced Topics in Engineering (ENPM808E - Managing Software Engineering Projects) | |
| ENPM808 | Advanced Topics in Engineering (ENPM808O AI-based Software Systems) | |
| ENPM809 | Special Topics in Engineering (ENPM808W Security and Software) | |
| Additional ENPM Software Electives and/or Select electives approved by advisor | | 12 |
| Total Credits | | 30 |