

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 4)		
ENPM611	Software Engineering	3
ENPM612	System and Software Requirements	3
ENPM613	Software Design and Architecture	3
ENPM614	Software Testing & Maintenance	3
ENPM Software Electives (Choose Two)		6
ENPM696	Reverse Software Engineering	
ENPM655	AI-Based Software Systems	
ENPM680	Introduction to Secure Coding for Software Engineering	
ENPM637	Managing Software Engineering Projects	
ENPM818E	(Software360: Business of Software Engineering)	
Additional ENPM Software Electives and/or Select electives approved by advisor		12
Total Credits		30