

Systems Engineering

Master of Engineering: 30 Credits / 10 Courses

Students pursuing this option must complete five core courses and five technical electives. There is no research or thesis required for this degree.

Systems Core Courses (take five):		
	ENSE621 Systems Engineering Concepts and Processes: A Model-Based Approach*	(every fall)
	ENSE622 System Trade-off Analysis, Modeling, and Simulation* [ENSE621/ ENPM641]	(every spring)
	ENSE623 System Development, Verification, and Validation* [ENSE622/ENPM642]	(every fall)
	ENSE624 Human Factors in Systems Engineering*	(every spring)
	ENSE626 System Life Cycle Cost Analysis and Risk Management*	(every fall)

Systems Pre-Approved Technical Electives (choose five):		
	ENPM808I Logistics*	
	ENPM808J Design of Experiments	
	ENPM808K Advanced Systems Architecting	
	ENPM808M Systems Engineering Management	(every other summer)
	ENPM808T System Acquisition Process	
	ENPM808V Quality Management Systems and Lean Six Sigma	

ENSE62X courses were previously cross-listed as ENPM64x courses. ENPM64X courses will count towards this degree.

*NOTE: Any courses not listed above must be approved by the Senior Academic Advisor **PRIOR** to registration.*

KEY	
Online Option *	(offering information)
[Prerequisite course]	