

GRADUATE CERTIFICATE IN MODEL-BASED SYSTEMS ENGINEERING

Requirements Effective Fall 2025

Additional coursework may be required due to prerequisites.

Code	Title	Credits
SYSE 567	Systems Engineering Architecture	3
Select two courses from the following:		6
MECH 513	Simulation Modeling and Experimentation	
SYSE 530	Overview of Systems Engineering Processes	
SYSE 532/ ECE 532	Dynamics of Complex Engineering Systems	
SYSE 602	Systems Requirements Engineering	
SYSE 667	Advanced Model-Based Systems Engineering	
Program Total Credits:		9

*This certificate may have courses in common with other graduate certificates. A student may earn more than one certificate, but a given course may be counted only in one certificate.