

# GRADUATE STAND-ALONE CERTIFICATE IN SYSTEMS ENGINEERING AND ARCHITECTING

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Students must also follow all Institute Graduate Certificate Guidelines:  
Stand-Alone Graduate Certificate Guidelines

Code	Title	Credit Hours
<b>Core Courses</b>		
ASE 6003	Modeling and Simulation for Systems Engineers	3
ASE 6005	Advanced Topics in Systems Engineering: Systems Modeling with SysML	3
<b>Electives (select two):</b>		<b>6</b>
ASE 6001	Fundamentals of Modern Systems Engineering	
ASE 6006	Systems Engineering Laboratory	
ASE 6102	System of Systems and Architecture	
<b>Total Credit Hours</b>		<b>12</b>