

MASTER OF ENGINEERING, PLAN C, SYSTEMS ENGINEERING SPECIALIZATION

Learning Objectives

Upon successful completion, students will be able to:

1. Use systems engineering thinking and frameworks to effectively design, analyze, and implement integrated systems solutions.
2. Effectively use applied Systems Engineering tools such as modeling and simulation of a system (including digital twinning), risk analysis, or other skills required for systems engineering professional roles.
3. Analyze systems interfaces between stakeholder, technical domains effectively and efficiently.
4. Exemplify a variety of roles in multi-disciplinary teams including systems engineer, technical expert, and leader.