



MS in Systems Engineering - Sample Course Schedule

All classes are 3 credit hours.

Classes and schedules are subject to change

FALL	Systems Engineering Fundamentals ENSY 4010	Systems Engineering Requirements Development ENSY 4012	Applied Mathematics for Systems Engineering ENSY 4180
	Applied Machine Learning ENSY 4200	Practical Model Based Systems Engineering ENSY 4060	Systems Optimization ENSY 4040
WINTER	Project Management in Relation to Systems Engineering ENSY 4090	Conceptual Design ENSY 4016	Intro to Probability and Statistics ENSY 4181
	Design of Space Systems, Part 1 ENSY 4021	Practical Approaches to Continuous Improvement ENSY 4170	Optimization of Advanced Systems ENSY 4042
SPRING	Digital Transformations for Advanced Integrations ENSY 4050	Complex Systems Architectures ENSY 4014	Data Analytics for Systems Engineers ENSY 4182
	Design of Space Systems, Part 2 ENSY 4022	Practical Validation and Verification Test Planning ENSY 4112	
SUMMER	Applied Electrical, Mechanical and Software Systems ENSY 4024		
	Intro to Aerospace Missions ENSY 4030		