



Master of Science Advisement

Research Area: Decision and Control

Degree Pursing: MS SEE Non-Thesis

Courses (Minimum Enrollment 12 hours/8 hours if 25% assistantship or greater)

1 st Semester (fall)		2 nd Semester (spring)	
Course	Credits	Course	Credits
GE 420: Digital Control Systems	4	GE 424: State Space Design for Control	3
ECE 470: Introduction to Robotics	4	GE 525: Control of Complex Systems	4
IE 411: Optimization of Large Systems	4	GE 521: Multivariable Control Design	4
		Elective	1
Total	12	Total	12

3 rd Semester (fall)		4 th Semester (spring)	
Course	Credits	Course	Credits
ECE 517: Nonlinear & Adaptive Control	4	GE 594: Project Design	8
IE 513: Optimal System Design	4		
IE 529: Stats of Big Data & Clustering	4		
Total	12	Total	8

Offered every semester	Offered every fall	Offered every spring
Offering varies	Offered fall-even years	Offered spring-odd years
Fall-varies	Offered fall-odd years	Spring-varies

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