



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

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

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