Curriculum

□ Graduate

Classification	Subject No.	Subject Name	Lecture:Lab. :Credit	Semester	Remark
Mandatory General Course	CC010	Special Lecture on Leadership	1:0:0	Fall	required
	CC020	Ethics and Safety I	1AU	Spring·Fall	
	CC500	Scientific Writing	3:0:3	Spring·Fall	choose 1
	CC511	Probability and Statistics	2:3:3	Spring·Fall	
	CC512	Introduction to Materials and Engineering	3:0:3	Spring·Fall	
	CC513	Engineering Economy and Cost Analysis	3:0:3	Fall	
	CC522	Introduction to Instruments	2:3:3	Fall	
	CC530	Entrepreneurship and Business Strategies	3:0:3	Fall	
	CC532	Collaborative System Design and Engineering	4:0:4	Spring	
Mandatory Major Course	IS511	Information Security	3:0:3	Spring	
	IS521	Cyber Attack & Response I	2:3:3	Spring	
Elective Course	IS522	Cyber Attack & Response II	2:3:3	Fall	
	IS523	Hacking Exposed	3:0:3	Fall	*EE515
	IS531	Computer Architecture and Security	3:0:3	Spring	*CS510
	IS532	Information Security policy and management	3:0:3	Spring	*IE565
	IS534	Machine learning for computer security	3:0:3	Spring	*EE531
	IS537	Information Theory for Security	3:0:3	Fall	*EE623
	IS539	Network Security	3:0:3	Spring	
	IS541	Wireless Mobile Internet and Security	3:0:3	Spring	*CS546
	IS631	Kernel System Security	3:0:3	Fall	
	IS632	Hypervisor System Security	3:0:3	Spring	
	IS639	Advanced Network Security	3:0:3	Fall	
	IS681	Content Security	3:0:3	Spring/Fall	*CS646
	IS711	Advanced Theory for Information Security Technology Convergence	3:0:3	Fall	
Research	IS960	M.S. Thesis Research			
	IS966	Seminar			
	IS980	Ph.D. Dissertation Research			
	IS986	Seminar			

※ Notes: 1) * stands for substitutable courses

2) 500 level courses open to both undergraduate and graduate students (except IS537)