

Table of Curriculum

Classification	Course No.	Computer Code	Course Name	Lecture; Lab.; Credit (Assignment)	Semester
Mandatory Major Course	IS511	Information Security	3:0:3	Spring	
	IS521	Information Security Laboratory	2:3:3	Spring/Fall	
Elective Course	IS522	Introduction to Systems Security	3:0:3	Spring/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	
	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	**EE513
	IS541	Wireless Mobile Internet and Security	3:0:3	Spring	*CS546
	IS551	User-Centric Security	3:0:3	Fall	
	IS561	Binary Code Analysis and Secure Software Systems	3:0:3	Spring	
	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	
IS893	Special Topics in Security and Privacy	3:0:3	Spring		
Research	IS960	M.S. Thesis Research			
	IS966	Seminar	1:0:1	Spring/Fall	
	IS980	Ph.D. Dissertation Research			
	IS986	Seminar	1:0:1	Spring/Fall	

※ Notes: 1) * stands for substitutable courses

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

※Course classification, course title, and mutual recognition of credits may differ according to the effective year of the requirements.