

Major Specialization	Specialization in Information Security
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Credit Point

Major	Department Major	66
	College Major	6
Free	(for other department)	9
Total		81

Requirement	General	30
	Major	72
	Free	8
	Total	110

Grade	Semester	Subject	Code	General /Major	Credit	Grade				Major Specialization Module
						Theory	Experiment	Design	Total	
Freshman (1)	1	Information Engineering Introduction	C332	Major	3	2	0	1	3	IT Service Basic Development Expert
		Spring Total			3	2	0	1	3	
	2	Web Programming	C335	Major	3	1	2	0	3	IT Service Basic Development Expert
		C Programming	C334	Major	3	1	2	0	3	IT Service Basic Development Expert
		Fall Total			6	2	4	0	6	
Fresh Total			9	4	4	1	9			
Sophomore (2)	3	Data Structure	C336	Major	3	1	2	0	3	IT Service Basic Development Expert
		Linux System	C343	Major	3	1	2	0	3	Information System Operation Expert
		Network – TCP/IP	C339	Major	3	2	1	0	3	Information System Operation Expert
		Spring Total			9	4	5	0	9	
	4	Information Security Introduction	C340	Major	3	3	0	0	3	Information System Operation Expert
		Innovation Workshop	C341	Major	3	3	0	0	3	IT Service Advanced Development Expert
		Python	C333	Major	3	1	2	0	3	Major Common
		Database	C337	Major	3	1	2	0	3	IT Service Advanced Development Expert
		Fall Total			12	8	4	0	12	
Soph. Total			21	12	9	0	21			
Junior (3)	5	IoT Device Programming	C344	Major	3	1	1	1	3	IT Convergence Service Development
		Web Service Design	C351	Major	3	1	2	0	3	IT Service Advanced Development Expert
		Cryptography	C346	Major	3	3	0	0	3	Specialization in Information Security
		Object Oriented Programming	C342	Major	3	2	1	0	3	Major Common
		Network Programming	C352	Major	3	1	1	1	3	IT Service Advanced Development Expert
		Spring Total			15	8	5	2	15	
	6	Machine Learning Programming	C347	Major	3	2	1	0	3	IT Convergence Service Development
		Application & DB Security	C350	Major	3	2	1	0	3	Specialization in Information Security
		Cryptographic Protocols	C346	Major	3	1	2	0	3	Specialization in Information Security
		Network & System Security	C349	Major	3	2	1	0	3	Specialization in Information Security
		Business Information Management		Free	3	3	0	0	3	IT Related Business Expert
		Fall Total			15	10	5	0	15	
		Junior Total			30	18	10	2	30	
Senior (4)	7	Information Security Management	C348	Major	3	3	0	0	3	Specialization in Information Security
		Cloud Platform	C348	Major	3	1	2	0	3	Information System Operation Expert
		OSS(Open Source Software)	C354	Major	3	1	2	0	3	Information System Operation Expert
		Security in Life		Free	3	3	0	0	3	IT Related Business Expert
		Spring Total			9	5	4	0	9	
	8	Co-op Project	C356	Major	3	0	0	3	3	IT Convergence Service Development
		Mobile Programming	C357	Major	3	1	2	0	3	IT Convergence Service Development
		Risk Management		Free	3	3	0	0	3	IT Related Business Expert
		Fall Total			6	1	2	3	6	
		Senior Total			15	6	6	3	15	
		Total			75	40	29	6	75	