Curriculum

Classification	Subject No.	Subject Name	Lecture:Lab: Credit (Homework)	Semester	Remark
Mandatory Major Course	SEP 701	Software Development Project (1)	1:15:6(20)	Spring	
	SEP 702	Software Development Project (2)	1:15:6(20)	Fall	
Elective Major Course (Select 2or more out of 5)	SEP 521	Principles of Software Engineering	3:1:3(5)	Spring	*CS550
	SEP 541	Information Systems for e-Business	3:0:3(6)	Summer	
	SEP 561	Embedded Computing	2:3:3(6)	Spring	
	SEP 581	Software Project Management and Professional Practice	3:0:3(5)	Fall	
	SEP 582	IT Organization and Leadership	3:0:3(5)	Fall	*IE526
	SEP 583	Industrial Applications of Information Technology and Software Industry	3:0:3(5)	Summer	
Elective Major Course	SEP 501	Computing System Overview	3:0:3(6)	Spring	
	SEP 502	Software System Overview	3:0:3(6)	Spring	
	SEP 522	Requirement Engineering	3:1:3(5)	Fal	
	SEP 523	Software Architecture and Design	3:1:3(8)	Fall	
	SEP 524	Software Quality Assurance	3:1:3(6)	Fall	
	SEP 525	Software Process and Improvement Model	3:0:3(6)	Summer	
	SEP 542	Enterprise System Integration	3:0:3(8)	Fall	
	SEP 543	Computing Security	3:0:3(3)	Spring	*CS544
	SEP 544	Internet Computing	3:0:3(10)	Fall	*CS542
	SEP 545	Database Design and Practice	3:0:3(6)	Fall	*CS562
	SEP 562	System Software for Embedded Systems	3:0:3(6)	Spring	
	SEP 564	Embedded Operating Systems	3:0:3(6)	Summer	
	SEP 565	Mobile Embedded Software	3:0:3(6)	Fall	
	SEP566	IT Service Engineering	3:13(6)	Spring	*IE451
Research	SEP 965	Independent Study	0:6:1	Spring or	
	SEP 966	Seminar(Master)	1:0:1	Fall	

* Courses that can be replaced