Choose 6 hours of approved electives

Courses offered based on historical data, does not guarantee future availability.

Course Number	Cr Hrs	Course Title	Prerequisite	Offered: F=Fall S=Spr M=Sum
Computer Engineering				
CPE 412	3	Intro to Parallel Programming	CPE 212, CS 317	F
CPE 436	3	Internals of Modern Operating Systems	CPE 434	
CPE 486	3	Machine Learning for Engineering Applications	EGR 101, MA 244, EE 385 or ISE 390	F
CPE 487	3	Deep Learning for Engineering Applications	CPE 486	S
CPE 490	3	Special Topics in Computer Engineering	Advisor Approval	
CPE 499	3	Project in Computer Engineering	Advisor Approval	

Course Number	Cr Hrs	Course Title	Prerequisite	Offered: F=Fall S=Spr M=Sum
Computer Science				
CS 321	3	Oject Oriented Programming Java	CS 221 or CPE 212	FS
CS 424	3	Programming Languages	CS 317	FSM
CS 430	3	Survery of Artificial Intelligence	CS 317	FS
CS 453	3	Client/Server Architectures	CS 307 or CS 321	F
CS 454	3	Intro to Cloud Computing	CPE 348, (CS 307, 321 or CPE 353)	FS
CS 466	3	Offensive Security	CPE 348	
CS 487	3	Database Systems	Senior Standing	F
CS 488	3	Intro to Big Data Computing	CS 317	FS
CS 495	3	ST: Various Topics	Instructor Approval	

Note: No ET (Engineering Technology) courses can be used for elective credits.