



Bachelor of Science in Information Technology (CSIT)

First Year

Fall Semester

Code	Title	Credits	Prerequisites	Corequisites
MATH210	Calculus II	3	MATH161 - MATH160	
CSCI205	Computer Science Overview	3	ENGL101	
MATH225	Linear Algebra with Applications	3	MATH160 - ENGL051 - MATH161	
CSCI200	Introduction to Computers	3	ENGL051	
CULT200	Introduction to Arab - Islamic Civilization	3		
ENGL201	Composition and Research Skills	3	ENGL151	
Total		18		

Spring Semester

Code	Title	Credits	Prerequisites	Corequisites
ENGL251	Communication Skills	3	ENGL201	
ARAB200	Arabic Language and Literature	3		
BSTA205	Introduction to Business Statistics	3	ENGL051	
	Elective	3		
CSCI250	Introduction to Programming	3	CSCI205 - CSCI200	ENGL101 - CSCI250L
CSCI250L	Introduction to Programming Lab	1	CSCI205 - CSCI200	ENGL101 - CSCI250
Total		16		

Second Year

Fall Semester

Code	Title	Credits	Prerequisites	Corequisites
BMIS300	Management Information Systems	3	ENGL151	
CSCI342	Fundamentals of Networking Technologies	3	CSCI250	
CSCI335	Database Systems	3	CSCI250	
CSCI300L	Intermediate Programming with Objects Lab	1	CSCI250	CSCI300
CSCI300	Intermediate Programming with Objects	3	CSCI250L - CSCI250	CSCI300L
BMGT200	Introduction to Business Management	3	ENGL151	
Total		16		

Spring Semester

Code	Title	Credits	Prerequisites	Corequisites
CSIT381	Microcomputer Support	3	CSCI342	
CSCI390	Web Programming	3	CSCI335 - CSCI300	
CSCI392	Computer Networks	3	CSCI342	
BMIS360	Operations Management	3	BSTA205	
CSCI380	Software Engineering	3	ENGL201 - CSCI335	
CSCI362	Network Security	3	CSCI342 - CSCI300	
Total		18		

Third Year

Fall Semester

Code	Title	Credits	Prerequisites	Corequisites
CSIT415	System and Network Administration	3	CSCI392	
CSCI430	Operating Systems	3	CSCI300	CSCI430L

CSCI430L	Operating Systems Lab	1	CSCI300	CSCI430
CSCI426	Web Programming Advanced	3	CSCI390	
CSIT430	Internetworking and Routing Protocols	3	CSCI392	
	Elective	3		
Total		16		

Spring Semester

Code	Title	Credits	Prerequisites	Corequisites
	Elective	3		
CSIT491	Internship	1	CSCI430	
CSIT480	Interconnecting Networks	3	CSIT430	
	Elective	3		
CSCI490	Information System Development	3	CSCI390 - CSCI380	
	Elective	3		
Total		16		

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Major Elective Courses

Code	Title	Credits	Prerequisites	Corequisites
CSCI351	Concepts of Programming Languages	3	CSCI300	
CSCI370	Visual Programming	3	CSCI335 - CSCI300	
CSCI372	Natural Language Processing	3	CSCI300	
CSCI373	Robotics Design & Coding	3	CSCI250	
CSCI378	Data Structures and Algorithms	3	CSCI300	
CSCI410	Mobile Application	3	CSCI300 - CSCI335	
CSCI441	Machine Learning	3	CSCI378	
CSCI443	Game Development	3	CSCI378	
CSCI454	Advanced Robotics	3	CSCI373	
CSCI475	Artificial Intelligence	3	CSCI378	