



**Information Technology (CSIT)**

**First Year**

**Fall Semester**

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

**Spring Semester**

Code	Title	Credits	Prerequisites	Corequisites
CSCI250L	Introduction to Programming Lab	1	CSCI205 - CSCI200	ENGL101 - CSCI250
BSTA205	Introduction to Business Statistics	3	MATH100	
CSCI250	Introduction to Programming	3	CSCI205 - CSCI200	ENGL101 - CSCI250L
ARAB200	Arabic Language and Literature	3		
ENGL251	Communication Skills	3	ENGL201	
	Elective	3		
Total		16		

**Second Year**

**Fall Semester**

Code	Title	Credits	Prerequisites	Corequisites
CSCI342	Fundamentals of Networking Technologies	3	CSCI250	
CSCI300L	Intermediate Programming with Objects Lab	1	CSCI250	CSCI300
CSCI335	Database Systems	3	CSCI250	CSCI335L
CSCI335L	Database Systems Lab	1	CSCI250	CSCI335
CSIT320	Microcomputer Support	3	CSCI200	
BMIS300	Management Information Systems	3	CSCI200	ENGL201
CSCI300	Intermediate Programming with Objects	3	CSCI250L - CSCI250	CSCI300L
Total		17		

**Spring Semester**

Code	Title	Credits	Prerequisites	Corequisites
CSCI375	Web Programming Client Side	3	CSCI300	
CSCI392	Computer Networks	3	CSCI342	
BMIS360	Operations Management	3	BMIS300	
CSCI370	Visual Programming	3	CSCI335 - CSCI300	
CSCI380	Software Engineering	3	ENGL201 - CSCI335	
	Elective	3		
Total		18		

**Third Year**

**Fall Semester**

Code	Title	Credits	Prerequisites	Corequisites
------	-------	---------	---------------	--------------

BMIS400	E-Business	3	BMIS300	
CSCI410	Mobile Application	3	CSCI370 - CSCI375	
CSIT435	DBMS Administration	3	CSCI335	
CSIT430	Internetworking and Routing Protocols	3	CSCI392	
	Elective	3		
Total		15		

### Spring Semester

Code	Title	Credits	Prerequisites	Corequisites
CSIT480	Interconnecting Networks	3	CSIT430	
CSIT485	System and Network Administration	3	CSCI392	
CSCI465	Operating Systems	3	CSCI392	CSCI465L
CSCI465L	Operating Systems Lab	1	CSCI392	CSCI465
CSCI490	Information System Development	3	CSCI410 - CSCI380	
CSCI445	Robotics Design and Coding	3	CSCI300 - CSCI250	
Total		16		

### Major Elective Courses

Code	Title	Credits	Prerequisites	Corequisites
BACC210	Principles of Accounting I	3	ENGL051	
BACC260	Principles of Accounting II	3	ENGL051 - BACC210	
CSCI350	Data Structures	3	CSCI300	
CSCI385	Digital Logic	3	CSCI250	
CSCI425	Web Programming Server Side	3	CSCI370 - CSCI375	
CSCI427	Application Development	3	CSCI335 - CSCI392 - CSCI370	
CSCI440	Algorithms	3	CSCI350	
CSCI454	Advanced Robotics	3	CSCI445	