

## Bachelor in Computer Science - Information Technology

Year	Year	Semester	Course Code	Course Title	Credits	Prerequisite	Total
1	FIRST	FALL	ARB208*	Arabic Language and Literature	3		<b>Total First Year Fall</b>
1	FIRST	FALL	CSC201	Computer Programming	3		
1	FIRST	FALL	CSC201L	Computer Programming - Lab	1	Co-CSC201	
1	FIRST	FALL	CSC222	Computer Systems	3		
1	FIRST	FALL	ENG201	English Essays and Composition	3		
1	FIRST	FALL	IT203	Digital Systems	3		
							<b>16</b>
1	FIRST	SPRING	ARB209*	Arabic Rhetoric	3	ARB208	<b>Total First Year Spring</b>
1	FIRST	SPRING	CSC202	Object Oriented Programming	3	CSC201	
1	FIRST	SPRING	CSC202L	Object Oriented Programming - Lab	1	Co-CSC201	
1	FIRST	SPRING	ENG202	English Communication Skills	3	ENG201	
1	FIRST	SPRING	IT204	Computer Architecture	3	IT203	
1	FIRST	SPRING	MTH203	Discrete Mathematics	3		
1	FIRST	SPRING	MTH215	Probability and Statistics I	3		
							<b>19</b>
2	SECOND	FALL	CLT201	Cultural Studies I	3		<b>Total Second Year Fall</b>
2	SECOND	FALL	CSC303	Database Management Systems	3	Co-CSC202	
2	SECOND	FALL	IT311	Network Services	3	IT203	
2	SECOND	FALL	IT322	Networking I	3	CSC222	
2	SECOND	FALL	MTH201	Calculus II	3		
2	SECOND	FALL	MTH301	Linear Algebra	3		
							<b>18</b>
2	SECOND	SPRING	CLT202	Cultural Studies II	3	CLT201	<b>Total Second Year Spring</b>
2	SECOND	SPRING	CSC306	Software Engineering	3	CSC303	
2	SECOND	SPRING	CSC324	Enterprise Database Systems	3	CSC303	
2	SECOND	SPRING	ELE	Elective	3	IT322	
2	SECOND	SPRING	IT325	Switching and Routing	3	IT322	
							<b>15</b>
3	THIRD	FALL	ELE	Elective	3		<b>Total Third Year Fall</b>
3	THIRD	FALL	IT328	Information Security	3	IT322	
3	THIRD	FALL	IT404	Intro to Linux and Bash Scripting	3	IT322	
3	THIRD	FALL	IT405	Data Communication Systems	3	IT322	
3	THIRD	FALL	IT495	IT Internship	3		
							<b>15</b>
3	THIRD	SPRING	CSC405	Operating Systems Concepts and Techniques	3	IT404	<b>Total Third Year Spring</b>
3	THIRD	SPRING	CSC450	Special Topics in Computer Science	3	CSC202	
3	THIRD	SPRING	ENG308	Business Communication	3	ENG202	
3	THIRD	SPRING	IT407	Firewalls and Gateways	3	IT328	
3	THIRD	SPRING	IT498	IT Capstone	3	CSC306	
							<b>15</b>
				<b>Major Total</b>	<b>98</b>		<b>98</b>

\*Can be replaced with CLT221 and CLT222

updated July 2024