

## Study Plan for B.Ed. in Computer Science

Year	Course Code	Course Name	Pre-requisites	Credit Hours	Course Code	Course Name	Pre-requisites	Credit Hours
<b>Semester One (Pre-Major)</b>					<b>Semester Two</b>			
1	COMP101/L	Computer Skills	COMP A/B Digital Literacy	3	COMP151/L	Introduction To Algorithms and Programming	COMP101/L	4
	MATH116	Pre-calculus I		4	COMP111/L	Digital Logic Design	COMP101/L	3
	EDUC103	Educational Psychology		3	MATH211	Calculus 1	MATH116	4
	ENGL150	English Language I		3	ENGL152	English Language II	ENGL150	3
	ARAB100	Arabic Language I		3	ARAB101	Arabic Language II	ARAB100	3
	<b>Semester Total</b>				<b>16</b>	<b>Semester Total</b>		
<b>Semester Three</b>					<b>Semester Four</b>			
2	COMP222/L	Object-Oriented Programming	COMP151/L	3	COMP255/L	Data Structure	COMP222/L	3
	COMP221/L	Discrete Structures	MATH116, COMP151/L	3	EDUC200	Curriculum and Instruction	COMP101/L	3
		College Elective 1		3	COMP244/L	Database Concepts and Applications	COMP222/L	3
	ENGL155	Communication Skills	ENGL152	3		Minor course		3
	COMP277/L	Network and Communications	COMP111/L	3	EDUC113	Foundation of Education		3
	STAT101	Introduction to Statistics		4	COMP300/L	Visual Programming	COMP222/L	3
<b>Semester Total</b>				<b>19</b>	<b>Semester Total</b>			
<b>Semester Five</b>					<b>Semester Six</b>			
3	COMP466/L	Societal Issues in Computing	COMP255/L	2	COMP355L	Fundamentals of Operating Systems	COMP255/L,	3
	COMP344/L	Software Engineering	COMP151/L	3	COMP240/L	Multimedia System Design	COMP222/L	3
	HIST150	Islamic Civilization		3	COMP270/L	Web Development	COMP151/L	3
	EDUC302	Guidance and School counseling	EDUC103	3	EDUC301	Methods of Teaching	EDUC200	3
		University Elective		3		Minor course		3
		Minor course		3		Minor course		3
<b>Semester Total</b>				<b>17</b>	<b>Semester Total</b>			

		Semester Seven				Semester Eight			
4		College Elective		3	MNGT100	Entrepreneurship: Creativity and Innovation		3	
	EDUC402	Practical Education	EDUC301	6	COMP499	Project in Computer Science Part 2	COMP498	3	
	EDUC202	Technology of Education	COMP101/L	3	EDUC400	Physiological measurement and educational evaluation		3	
	COMP498	Project in Computer Science Part 1	Completed 100 CHrs + Section Approval	3	EDUC204	Systems of Education and Administration in the Gulf States		3	
						Minor Course		3	
	<b>Semester Total</b>				<b>15</b>	<b>Semester Total</b>			
<b>Grand Total: 135</b>									