

Study Plan for B.Ed. in Chemistry

Year	Course Code	Course Name	Pre-requisites	Credit Hours	Course Code	Course Name	Pre-requisites	Credit Hours	
Semester One (Pre-Major)					Semester Two				
1	CHEM101/L	General Chemistry I		4	CHEM102/L	General Chemistry II	CHEM101/L	4	
	ARAB100	Arabic Language I		3	MATH116	Pre-Calculus I		4	
	ENGL150	English Language I		3	ENGL152	English Language II	ENGL150	3	
	HIST150	Islamic Civilization		3	ARAB101	Arabic Language II	ARAB100	3	
	COMP101/L	Computer Skills	Comp-A/B, Digital Literacy	3	EDUC113	Foundations of Education		3	
Semester Total				16	Semester Total				17
Semester Three					Semester Four				
2	BIOL101/L	General Biology I		4	CHEM241/L	Analytical Chemistry I	CHEM102/L	4	
	PHYS101/L	General Physics I	MATH116	4	CHEM255/L	Physical Chemistry I	CHEM102/L	3	
	CHEM211/L	Inorganic Chemistry I	CHEM102/L	4	CHEM251/L	Inorganic Chemistry II	CHEM211/L	4	
	CHEM265/L	Organic Chemistry I	CHEM102/L	4		1 st Minor Course		4	
					ENGL155	Communication Skills	ENGL152	3	
Semester Total				16	Semester Total				18
Semester Five					Semester Six				
3	MNGT100	Entrepreneurship: Creativity and Innovation		3	EDUC103	Education Psychology		3	
	CHEM275/L	Organic Chemistry II	CHEM265/L	4	CHEM327	Industrial Chemistry	CHEM275/L	3	
	EDUC200	Curriculum and Instruction	EDUC103	3		2 nd Minor Course		3	
	CHEM341/L	Analytical Chemistry II	CHEM241/L	3	EDUC301	Methods of Teaching	EDUC200	3	
		3 rd Minor Course		3	CHEM243	Special Topics	CHEM241/L	2	
					EDUC400	Psychological Measurement and Education Evaluation		3	
Semester Total				16	Semester Total				17

Semester Seven					Semester Eight			
4		College Elective		3	EDUC302	Guidance and School Counselling	EDUC103	3
		4 th Minor Course		3	EDUC402	Practical Education	EDUC301	6
	CHEM332/L	Physical Chemistry II	CHEM255/L , PHYS101	3		5 th Minor Course		3
	CHEM398	Petroleum Chemistry	CHEM275/L	3		College Elective		3
	EDUC202	Technology of Education	COM101/L	3		University Elective		3
	EDUC204	Systems of Education and its administration in the Arab Gulf States		3				
	Semester Total				18	Semester Total		
				18				
Grand Total: 135								