

**Study Plan for Diploma in Chemistry**

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	HIST150	Islamic Civilization		3	CHEM102/L	General Chemistry II	CHEM101/L	4
	CHEM101	General Chemistry I		4	MATH116	Pre-Calculus I		4
	ARAB100	Arabic Language I		3	ENGL152	English Language II	ENGL150	3
	ENGL150	English Language I		3	ARAB101	Arabic Language II	ARAB100	3
	COMP101/L	Computer Skills	COMP A/B, Digital Literacy	3				
<b>Semester Total</b>				<b>16</b>	<b>Semester Total</b>			
<b>Semester Three</b>					<b>Semester Four</b>			
2	PHYS101/L	General Physics I	MATH116	4	CHEM255/L	Physical Chemistry I	CHEM102/L	3
	CHEM211/L	Inorganic Chemistry I	CHEM102/L	4	ENGL155	Communication Skills	ENGL152	3
	CHEM265/L	Organic Chemistry I	CHEM102/L	4	CHEM275/L	Organic Chemistry II	CHEM265/L	4
	MATH211	Calculus I	MATH116	4	CHEM241/L	Analytical Chemistry I	CHEM102/L	4
<b>Semester Total</b>				<b>16</b>	<b>Semester Total</b>			
<b>Semester Five</b>								
3	CHEM327	Industrial Chemistry	CHEM275/L	3				
	CHEM243	Special Topics	CHEM241/L	2				
	COMP151/L	Introduction to Algorithms	COMP101/L	4				
	STAT101	Introduction to Statistics		4				
<b>Semester Total</b>				<b>13</b>				
<b>Grand Total: 73</b>								