Progr M.Sc. Chemistry 2 years

				Credit Distribution				Type of Course														
SNo	Seme	Course title	Credits	lecture	Tutorial	Practical	Self Study	Core	Elective	Multi Disciplinary	SEC	VAC	AEC	Project	Minor	Internship	Prerequisite	Mandatory	Audit	CIE (100)	SEE (100)	Remark
1	I	Stereochemistry & Reaction mechanisms	6	4	0	2	0	6	0	0	0	0	0	0	0	0	-			100	100	
2	I	Advanced Inorganic Chemistry and Spectroscopy	6	4	0	2	0	6	0	0	0	0	0	0	0	0	-			100	100	
3	I	Basic Concepts of Physical Chemistry	3	3	0	0	0	3	0	0	0	0	0	0	0	0	-			100	100	
4	I	Basic Analytical Chemistry	3	3	0	0	0	3	0	0	0	0	0	0	0	0	-			100	100	
5	I	Computer Applications for chemistry	2	2	0	0	0	0	0	2	0	0	0	0	0	0	-			100	100	
6	II	Organic Spectroscopy	4	4	0	0	0	4	0	0	0	0	0	0	0	0	-			100	100	
7	II	Reaction mechanism and Basics of group theory	3	3	0	0	0	3	0	0	0	0	0	0	0	0	-			100	100	
8	II	Physical Chemistry-II	6	4	0	2	0	6	0	0	0	0	0	0	0	0	-			100	100	
9	II	Techniques in Analytical Chemistry	5	3	0	2	0	5	0	0	0	0	0	0	0	0	-			100	100	
10	II	Professional Communication	2	1	0	1	0	0	0	2	0	0	0	0	0	0	-			100	100	
11	III	Photo chemistry & Pericyclic reaction	5	4	0	1	0	5	0	0	0	0	0	0	0	0	-			100	100	
12	III	Reagents and Heterocyclic Chemistry	5	4	0	1	0	5	0	0	0	0	0	0	0	0	-			100	100	
13	III	Chemistry of Natural Products and Retrosynthesis	5	4	0	1	0	5	0	0	0	0	0	0	0	0	-			100	100	
14	III	Research Methodology	2	2	0	0	0	2	0	0	0	0	0	0	0	0	-			100	100	
15	III	Organometallic Chemistry	5	4	0	1	0	5	0	0	0	0	0	0	0	0	-			100	100	
16	III	Spectroscopic techniques in Inorganic Chemistry	5	4	0	1	0	5	0	0	0	0	0	0	0	0	-			100	100	
17	III	Bio-Inorganic Chemistry	5	4	0	1	0	5	0	0	0	0	0	0	0	0	-			100	100	
18	III	Applied Electrochemistry	5	4	0	1	0	5	0	0	0	0	0	0	0	0	-			100	100	
19	III	Chemical Kinetics and Surface Chemistry	5	4	0	1	0	5	0	0	0	0	0	0	0	0	-			100	100	
20	III	Molecular Spectroscopy	5	4	0	1	0	5	0	0	0	0	0	0	0	0	-			100	100	
21	III	Electroanalytical methods	5	4	0	1	0	5	0	0	0	0	0	0	0	0	-			100	100	
22	III	Quality control and quality assurance	5	4	0	1	0	5	0	0	0	0	0	0	0	0	-			100	100	
23	III	Advanced Instrumentation methods	5	4	0	1	0	5	0	0	0	0	0	0	0	0	-			100	100	
24	III	Elective (I)	3	3	0	0	0	0	3	0	0	0	0	0	0	0	-			100	100	
25	IV	Dissertation	18	0	0	0	0	0	0	0	0	0	0	18	0	0	-			100	100	
26	IV	Academic Report Writing and IPR	2	2	0	0	0	2	0	0	0	0	0	0	0	0	-			100	100	
		Total	80					55		4	0	0	0	18	0	0						

Elective Courses for M.Sc. Chemistry 2 years

				Credit Distribution				Type of Course														
SNo	Seme	Course title	Credits	lecture	Tutorial	Practical	Self Study	Core	Elective	Multi Disciplinary	SEC	VAC	AEC	Project	Minor	Internship	Prerequisite	Mandatory	Audit	CIE (100)	SEE (100)	Remark
1	III	Polymer chemistry	3	3	0	0	0	0	3	0	0	0	0	0	0	0	-			100	100	
2	III	Industrial chemistry	3	3	0	0	0	0	3	0	0	0	0	0	0	0	-			100	100	
3	III	Solid State chemistry	3	3	0	0	0	0	3	0	0	0	0	0	0	0	-			100	100	
4	III	Environmental analytical chemistry	3	3	0	0	0	0	3	0	0	0	0	0	0	0	-			100	100	
5	III	Bio-organic Chemistry	3	3	0	0	0	0	3	0	0	0	0	0	0	0	-			100	100	
6	III	Advanced Green Chemistry	3	3	0	0	0	0	3	0	0	0	0	0	0	0	-			100	100	
7	III	Carbon Materials	3	3	0	0	0	0	3	0	0	0	0	0	0	0	-			100	100	
8	III	Advance Metallurgical Sciences	3	3	0	0	0	0	3	0	0	0	0	0	0	0	-			100	100	
9	III	Industrial Biochemistry	3	3	0	0	0	0	3	0	0	0	0	0	0	0	-			100	100	