

Teaching & Examination Scheme (Matrix M.Sc. Chemistry)

M.Sc. Chemistry Semester I						
	Code	Subject	Credit (L+T+P)	External	Internal	Total
Core Course	ODL/MSS/MSCH/101	Inorganic chemistry I	4	70	30	100
	ODL/MSS/MSCH/102	Organic chemistry I	4	70	30	100
	ODL/MSS/MSCH/103	Physical chemistry I	4	70	30	100
	ODL/MSS/MSCH/104	Spectroscopy I	4	70	30	100
Laboratory	ODL/MSS/MSCH/105	Lab Course I	2	35	15	50
	ODL/MSS/MSCH/106	Lab Course II	2	35	15	50
Open Elective	ODL/MSS/MSCH/107	Environmental and Analytical Chemistry OR Management in Practice	4	70	30	100
		Total	24	420	180	600
M.Sc. Chemistry Semester II						
Core Course	ODL/MSS/MSCH/201	Inorganic chemistry II	4	70	30	100
	ODL/MSS/MSCH/202	Organic chemistry II	4	70	30	100
	ODL/MSS/MSCH/203	Physical chemistry II	4	70	30	100
	ODL/MSS/MSCH/204	Spectroscopy II	4	70	30	100
Laboratory	ODL/MSS/MSCH/205	Lab Course III	2	35	15	50
	ODL/MSS/MSCH/206	Lab Course IV	2	35	15	50
Open Elective	ODL/MSS/MSCH/207	Material Chemistry OR Computer Application and Statistics	4	70	30	100
		Total	24	420	180	600
M.Sc. Chemistry Semester III						
Core Course	ODL/MSS/MSCH/301	Organotransition Metal Chemistry	4	70	30	100
	ODL/MSS/MSCH/302	Biochemistry and Natural Products	4	70	30	100
Core/ Discipline Based Elective	ODL/MSS/MSCH/303	Industrial Chemistry OR Polymer Chemistry	4	70	30	100

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	ODL/MSS/MSCH/304	Medicinal and Pharmaceutical Chemistry OR Nanoscience and Green Chemistry	4	70	30	100
Laboratory	ODL/MSS/MSCH/305	Lab Course V	2	35	15	50
	ODL/MSS/MSCH/306	Lab course VI	2	35	15	50
Open Elective	ODL/MSS/MSCH/307	Instrumental Methods of Analysis OR IPR and Research Methodology	4	70	30	100
		Total	24	420	180	600
M.Sc. Chemistry Semester IV						
Core Course	ODL/MSS/MSCH/401	Nuclear and Solid State Chemistry	4	70	30	100
	ODL/MSS/MSCH/402	Photochemistry	4	70	30	100
	ODL/MSS/MSCH/403	Project	8	140	60	200
	ODL/MSS/MSCH/404	Project Seminar	2	35	15	50
	ODL/MSS/MSCH/405	Viva-Voce	2	35	15	50
		Total	20	350	150	500
L = Lecture T = Tutorial P = Practical			92	1610	690	2300



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