



Course of Study Code	Discipline Code	Discipline	Semester	Course Name	Course Type	Course Code	Course Details	L - T - P	Course Credit	Sem Credit	Internal Marks		End Sem Marks		Total Marks	Sem Marks	
											Practical	Theoretical	Practical	Theoretical			
MSC	MSCCHEM	M.Sc in Chemistry	I	Inorganic Chemistry General - I	C	MSCCHEMC101	CC- 1	4 - 0 - 0	4	24		10		40	50	300	
				Organic Chemistry General - I	C	MSCCHEMC102	CC- 2	4 - 0 - 0	4			10		40	50		
				Physical Chemistry General - I	C	MSCCHEMC103	CC- 3	4 - 0 - 0	4			10		40	50		
				Analytical Chemistry General - I	C	MSCCHEMC104	CC- 4	4 - 0 - 0	4			10		40	50		
				Inorganic Chemistry General - II	C	MSCCHEMC105	CC- 5	0 - 0 - 8	4		30		20		50		
				Organic Chemistry General - II	C	MSCCHEMC106	CC- 6	0 - 0 - 8	4		30		20		50		
			II	Inorganic Chemistry General - III	C	MSCCHEMC201	CC- 7	4 - 0 - 0	4	28		10		40	50	350	
				Organic Chemistry General - III	C	MSCCHEMC202	CC- 8	4 - 0 - 0	4			10		40	50		
				Physical Chemistry General - II	C	MSCCHEMC203	CC- 9	4 - 0 - 0	4			10		40	50		
				Analytical Chemistry General - II	C	MSCCHEMC204	CC- 10	4 - 0 - 0	4			10		40	50		
				Physical General - III	C	MSCCHEMC205	CC- 11	0 - 0 - 8	4		30		20		50		
				Analytical General - III	C	MSCCHEMC206	CC- 12	0 - 0 - 8	4		30		20		50		
				Choose from Pool of Minor Electives		MIE	See Pool	MIE-1	See Pool		4	See Pool			50		
			III	Advanced Inorganic Chemistry General	C	MSCCHEMC301	CC - 13	4 - 0 - 0	4	24		10		40	50	300	
				Advanced Organic Chemistry General	C	MSCCHEMC302	CC - 14	4 - 0 - 0	4			10		40	50		
				Advanced Physical Chemistry General	C	MSCCHEMC303	CC - 15	4 - 0 - 0	4			10		40	50		
				Inorganic Chemistry Major I	Option A	MJE (Any one option to be selected)	MSCCHEMMJE301	MJE-1 & MJE2	4 - 0 - 0		4+4=8		10		40		50+50=100
				Inorganic Chemistry Major - II			MSCCHEMMJE304		0 - 0 - 8			30		20			
				Organic Chemistry Major I	Option B		MSCCHEMMJE302		4 - 0 - 0				10		40		
				Organic Chemistry Major - II			MSCCHEMMJE305		0 - 0 - 8			30		20			
				Physical Chemistry Major I	Option C		MSCCHEMMJE303		4 - 0 - 0				10		40		
				Physical Chemistry Major - II			MSCCHEMMJE306		0 - 0 - 8			30		20			
				Choose from Pool of Minor Electives		MIE	See Pool	MIE-2	See Pool		4	See Pool			50		
			IV	Advanced Analytical Chemistry General	C	MSCCHEMC401	CC-16	4 - 0 - 0	4	22		10		40	50	250	
Inorganic Chemistry Major III	Option A	MJE (Same option to be continued based on Semester III)		MSCCHEMMJE401	MJE-3, MJE-4 & MJE-5	4 - 0 - 0	4+4+4=12		10			40					
Inorganic Chemistry Major IV				MSCCHEMMJE404		4 - 0 - 0			10			40					
Inorganic Chemistry Major V				MSCCHEMMJE407		0 - 0 - 8		30			20						
Organic Chemistry Major III	Option B			MSCCHEMMJE402		4 - 0 - 0			10			40					
Organic Chemistry Major IV				MSCCHEMMJE405		4 - 0 - 0			10			40					
Organic Chemistry Major V				MSCCHEMMJE408		0 - 0 - 8		30			20						
Physical Chemistry Major III	Option C			MSCCHEMMJE403		4 - 0 - 0			10			40					
Physical Chemistry Major IV				MSCCHEMMJE406		4 - 0 - 0			10			40					
Physical Chemistry Major V				MSCCHEMMJE409		0 - 0 - 8		30			20						
Term Paper /Project		C		MSCCHEMC402	CC-17	3 - 0 - 6	6		30			20		50			
Total Credit/Marks											98						1200
Minor Elective[Offered by the Department of Chemistry for all other Departments across faculties]																	
MSC	MSCCHEM	CHEMISTRY	II	Supramolecular and Medicinal Chemistry		MIE	MSCCHEMMIE201	MIE-1	4 - 0 - 0	4	NA		10		40	50	NA
			III	Advanced Chemistry General		MIE	MSCCHEMMIE301	MIE-2	0 - 4 - 0	4	NA	30		20		50	NA