

Study Plan for M.Sc. in Instrumental Analytical 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	CHEM602/L	Research Methods and Critical Analysis of Scientific Information		3	CHEM621/L	Applied Methods of Chemical Analysis		3	
	CHEM603/L	Advanced Analytical Chemistry		3	CHEM622/L	Special Topics in Electronics, Automation and Bio-sensors		3	
	CHEM611/L	Analytical Instrumental Techniques		3	CHEM623/L	Chemometrics		3	
	CHEM612/L	Applied Industrial Chemistry		3	CHEM624/L	Nanomaterial Characterization		3	
					CHEM610/L	Philosophy of Science		3	
					STAT650/L	Statistics and Computer in Chemistry		3	
					Note: Students can take any 3 courses				
Semester Total				12	Semester Total				9
Semester Three					Semester Four				
2	CHEM613	Industrial Internship Program		3					
	CHEM699	Thesis and Seminar		6					
				9	Semester Total				18
Grand Total: 30									