

**Degree Plan for M.Sc. in Instrumental Analytical Chemistry**

Minimum No. of Credits for the Degree Plan = 30					
Core Courses = 15 Credits					
Course Code	Course Name	Credit Hours	Contact Hours		Pre-requisites/ Co-requisites
			Theory	Practical	
CHEM602/L	Research Methods & Critical Analysis of Scientific Information	3	2	3	
CHEM603/L	Advanced Analytical Chemistry	3	2	3	
CHEM611/L	Analytical Instrumental Techniques	3	2	3	
CHEM612/L	Applied Industrial Chemistry	3	2	3	
CHEM613	Industrial Internship Program	3	0	9	
Electives = 9 Credits					
CHEM621/L	Applied Methods of Chemical Analysis	3	2	3	
CHEM622/L	Special Topics in Electronics, Automation & Bio-sensors	3	2	3	
CHEM623/L	Chemometrics	3	2	3	
CHEM624/L	Nanomaterial Characterization	3	2	3	
CHEM 610/L	Philosophy of Sciences	3	2	3	
STAT650/L	Statistics	3	2	3	
Thesis = 6 Credits					
CHEM699	Thesis + Seminar	6			