

Study Plan of PhD in Chemistry

First Semester (12 Credits)

Course Code	Title of the Course Credits	Credits
CHEM 701	Literature Survey and Technical Writing	2
CHEM 702	Recent Trends in Chemistry	2
CHEM 703	Advanced Separation and Spectroscopic Techniques	2
CHEM 704	Advanced Materials Chemistry	3
CHEM 705	Applications of Computer and Multivariate Statistical Analysis in Chemistry	1
CHEM 706	Advanced Medicinal Chemistry	2

Second Semester (12 Credits)

Course Code	Title of the Course Credits	Credits
CHEM 707	Materials for Sustainable Energy Applications	2
CHEM 708	Modern Organic Synthesis	2
CHEM 709	Advanced Polymer Chemistry	2
Any 3 courses from the electives and specialization requirements		6

Third to Sixth Semester (66 Credit hours)

Course Code	Title of the Course Credits	Credits
CHEM 799	Ph.D. Thesis	66