

Department of Chemistry Courses

					Programme Outcomes								
Code	Course Name	T	P	ECTS	1	2	3	4	5	6	7	8	9
KIM8001	Modern Analyse Techniques	3	0	8	5	5	5	5	5	5	5	5	5
KIM8003	Chemical Toxicology	3	0	8	5	5	5	5	5	5	5	5	5

Doctorate

					Programme Outcomes								
Code	Course Name	T	P	ECTS	1	2	3	4	5	6	7	8	9
1.Semester (Autumn)													
FBE8001	Scientific Research Techniques and Publication Ethics	3	0	8	5	5	5	5	5	5	5	5	5
KIM7001	Seminar	0	2	8	5	5	5	5	5	5	5	5	5
KIM7003	Doctoral Qualification	0	0	30	5	5	5	5	5	5	5	5	5
KIM7005	Specialized Field Course-I	5	0	2	5	5	5	5	5	5	5	5	5
KIM7007	Thesis Proposal	0	0	30	5	5	5	5	5	5	5	5	5
KIM7009	Thesis Research	0	1	30	5	5	5	5	5	5	5	5	5
KIM7101	Advanced Polymer Chemistry-I	3	0	8	5	5	4	4	5	4	5	3	3
KIM7103	Advances in Nanocomposite Technology	3	0	8	5	5	5	5	5	5	5	5	5
KIM7105	Pericyclic Reactions	3	0	8	5	4	5	5	4	5	4	4	4
KIM7107	Spectroscopic Methods	3	0	8	5	5	5	5	4	5	5	4	5
KIM7109	Reactive Intermediates	3	0	8	5	4	5	5	4	5	4	3	2

KIM7111	Catalysis	3	0	8	5	4	5	3	5	4	4	4	4
KIM7113	Molecular Orbital Theory	3	0	8	4	5	5	4	5	5	4	5	4
KIM7115	Technological Materials Synthesis and Characterization	3	0	8	5	5	5	5	4	3	5	4	5
KIM7117	The Chemistry of Humic Substances	3	0	8	5	4	5	5	4	5	4	3	2
KIM7119	Inorganic Reaction Mechanisms-I	3	0	8	4	4	5	5	4	5	5	4	5
KIM7121	Heterocyclic Compounds	3	0	8	5	5	5	5	5	5	5	5	5
KIM7123	Bioinorganic Chemistry	3	0	8	5	5	4	5	5	4	5	5	5
KIM7125	Thermochemical Kinetic	3	0	8	5	5	4	5	5	4	5	5	4
KIM7127	Theoretical Foundations of Analytical Chemistry-I	3	0	8	5	5	4	4	5	4	5	3	3
KIM7129	Use of Protective Groups in Organic Chemistry	3	0	8	5	4	5	5	4	3	5	3	4
KIM7131	Molecular Modeling in Organic Chemistry	3	0	8	5	5	4	4	4	5	5	4	5
KIM7133	Basic Group Elements Chemistry	3	0	8	4	5	5	4	5	4	4	5	5

2. Semester (Spring)

					Programme Outcomes								
Code	Course Name	T	P	ECTS	1	2	3	4	5	6	7	8	9
KIM8002	Occupational Health Security in Laboratory	3	0	8	5	5	5	5	5	5	5	5	5
KIM8004	Industrial Materials Analysis Methods	3	0	8	5	5	5	5	5	5	5	5	5

Code	Course Name	T	P	ECTS	1	2	3	4	5	6	7	8	9
2.Semester (Spring)													
KIM7002	Seminar	0	2	8	5	5	5	5	5	5	5	5	5
KIM7004	Doctoral Qualification	0	0	30	5	5	5	5	5	5	5	5	5
KIM7006	Specialized Field Course-I	5	0	2	5	5	5	5	5	5	5	5	5
KIM7008	Thesis Proposal	0	0	30	5	5	5	5	5	5	5	5	5
KIM7010	Thesis Research	0	1	30	5	5	5	5	5	5	5	5	5
KIM7102	Advanced Polymer Chemistry-II	3	0	8	5	5	4	4	5	4	5	3	3
KIM7104	Advanced Quantum Chemistry	3	0	8	5	4	5	3	3	4	4	4	4
KIM7106	Alcoholoids	3	0	8	5	5	5	5	5	5	5	5	5
KIM7108	Retrosynthetic Analysis of Organic Molecules	3	0	8	5	4	5	5	3	4	5	3	4
KIM7110	Surface Analysis Methods	3	0	8	5	4	5	3	5	4	4	4	4
KIM7112	Inorganic Electronic Spectroscopy	3	0	8	5	4	5	4	4	4	5	5	4
KIM7114	Coating Techniques	3	0	8	5	5	4	5	5	4	5	5	5

KIM7116	Molecular Quantum Chemistry-II	3	0	8	5	5	4	4	5	4	4	5	5
KIM7118	Functional Group Interconversion	3	0	8	5	5	5	5	5	5	5	5	5
KIM7120	Mass Spectroscopy and Applications	3	0	8	5	5	5	5	5	4	5	5	5
KIM7122	Modern Chromatographic Techniques	3	0	8	5	5	4	5	5	5	4	5	5
KIM7124	Advanced Radicalic Reactions	3	0	8	5	4	5	5	4	3	5	2	3
KIM7126	Living Polymerization	3	0	8	5	5	4	5	5	3	5	5	4
KIM7128	Theoretical Foundations of Analytical Chemiatry-II	3	0	8	5	5	4	4	5	4	5	3	3
KIM7130	Inorganic Reaction Mechanisms-II	3	0	8	5	5	4	4	5	4	5	4	4
KIM7132	Application of Frontier Orbitals	3	0	8	4	5	4	5	5	4	5	5	4