



2021 Fall Semester

College of Science			
Department of Chemistry			
Course #	Course Name	Credit	Undergraduate Course(U) or Graduate Course(G)
CM6054	Computational Chemistry	3	G
CM6057	Coordination chemistry	3	G
CM6063	Solid state Chemistry	3	G
CM6072	Principle and Use of Powder XRD in Chemistry	3	G
CM6090	Drug Design	2	G
CM7001	Seminar	2	G
Department of Mathematics			
Course #	Course Name	Credit	Undergraduate Course(U) or Graduate Course(G)
MA7101	Real Analysis I	3	G
MA8017	Differential Equations I	3	G
MA8019	Numerical Analysis I	3	G
Department of Physics			
Course #	Course Name	Credit	Undergraduate Course(U) or Graduate Course(G)
PH1029	Experimental Physics and Method I	6	U
PH3029	Mathematical Method in Physics I	3	U
PH6003	Quantum Mechanics I	3	G
PH6005	Classical Electrodynamics I	3	G
PH6007	Classical Mechanics I	3	G
PH6033	Solid State Physics I	3	G
PH7014	General Relativity	3	G
PH7024	Soft Condensed Matter Physics	3	G
PH7030	Complex Systems	3	G
PH7046	Modern Cosmology	3	G
PHT003	Quantum Mechanics (I)	3	G
PHT009	Solid State Physics (I)	3	G
PHT015	Advanced Physical Chemistry (I)	3	G
PHT030	Fundamentals and Application of Synchrotron Radiation and Neutron Scattering	2	G



PHT031	Colloquium I	0	G
PHT032	Colloquium II	0	G
PHT033	Quantum Optics	3	G
PHT035	Advanced Inorganic Chemistry	3	G
PHT051	Irreversible Thermodynamics and its Application in spin caloritronics	3	G
PHT065	Introduction to Nanotechnology_ Physics	3	G
PHT066	Introduction to Nanotechnology_ Chemistry	3	G
PHT071	Special Studies on Topics about Molecular Science and Technology I	0	G
PHT073	Seminar Presentation on Topics about Molecular Science and Technology I	2	G
PHT074	Seminar Presentation on Topics about Molecular Science and Technology II	2	G
PHT075	Seminar Presentation on Topics about Molecular Science and Technology III	2	G
Department of Optics & Photonics			
Course #	Course Name	Credit	Undergraduate Course(U) or Graduate Course(G)
OS6003	Fourier Optics	3	G
OS6015	Geometrical Optics	3	G
OS7097	Guided Wave Optics	3	G
OS7188	Optical System Design and Simulation I	3	G
OS7198	plasmonic metamaterials	3	G
MSc in Astronomy			
Course #	Course Name	Credit	Undergraduate Course(U) or Graduate Course(G)
AS6001	Seminar I	1	G
AS6047	Observational Astronomy	3	G
AS6070	Solar System Astrophysics	3	G
AS6074	Stellar Atmosphere and Structure	3	G
AS6075	Astrophysics of Galaxies	3	G



AS6096	Astronomy Journal Writing	2	G
AS8010	Frontiers in Astronomy I	1	G
MSc in Statistics			
Course #	Course Name	Credit	Undergraduate Course(U) or Graduate Course(G)
ST8003	Advanced Probability I	3	G

Update: AUG, 2021