

Details of course under B.Sc. (Hons.) Chemistry			Credits			
			Theory	Practical	Tutorial	Total
SEMESTER-I						
Core Course	C-I	Inorganic Chemistry-I: Atomic Structure & Chemical Bonding	4	2		6
	C-II	Physical Chemistry-I: States of Matter & Ionic Equilibrium	4	2		6
AECC	AECC-1	Environmental Science				2
GE	GE-1	Refer Table				6
SEMESTER-II						
Core Course	C-III	Organic Chemistry-I: Basics and Hydrocarbons	4	2		6
	C-IV	Physical Chemistry-II: Chemical Thermodynamics and its Applications	4	2		6
AECC	AECC-2	MIL/ English Communications				2
GE	GE-2	Refer Table				6
SEMESTER-III						
Core Course	C-V	Inorganic Chemistry-II: s- and p-Block Elements	4	2		6
	C-VI	Organic Chemistry-II: Oxygen Containing Functional Groups	4	2		6
	C-VII	Physical Chemistry-III: Phase Equilibria and Electrochemical Cells	4	2		6
SEC	SEC-1	IT Skills for Chemists				2
GE	GE-3	Refer Table				6
SEMESTER-IV						
Core Course	C-VIII	Inorganic Chemistry-III: Coordination Chemistry	4	2		6
	C-IX	Organic Chemistry-III: Heterocyclic Chemistry	4	2		6
	C-X	Physical Chemistry-IV: Conductance & Chemical Kinetics	4	2		6
SEC	SEC-2	Green Methods in Chemistry/Pharmaceutical Chemistry				2
GE	GE-4	Refer Table				6
SEMESTER-V						
Core Course	C-XI	Organic Chemistry-IV: Biomolecules	4	2		6
	C-XII	Physical Chemistry-V: Quantum Chemistry & Spectroscopy	4	2		6

DSE	DSE-1	Inorganic Materials of Industrial Importance	4	2		6
	DSE-2	Industrial Chemicals & Environment	4	2		6
SEMESTER-VI						
Core Course	C-XIII	Inorganic Chemistry-IV: Organometallic Chemistry	4	2		6
	C-XIV	Organic Chemistry-V: Spectroscopy	4	2		6
DSE	DSE-3	Polymer Chemistry	4	2		6
	DSE-4	Applications of Computers in Chemistry/Molecular Modeling & Drug Design	4	2		6
Total						140

NOTE: The College reserves the right to change the number of options offered and titles of specific papers in any semester, within the framework of the University of Delhi CBCS Syllabus