

Physical Chemistry	Number of hours
Mole Concept	12
Gaseous State	21
Atomic Structure	21
Redox	15
Chemical Equilibrium	9
Ionic Equilibrium	24
Thermodynamics	24
Solid State	12
Electrochemistry	18
Solutions and Colligati	12
Chemical Kinetics	15
Surface Chemistry	6
<b>Total</b>	<b>189</b>

Inorganic Chemistry	No. of hours
Periodic Properties	9
Chemical Bonding	24
Hydrogen	3
s-block	6
Group-13	6
Group-14	6
Group-15	6
Group-16	6
Group-17	6
Group-18	3
Coordination Compou	18
Metallurgy	9
<b>Total</b>	<b>102</b>

Organic Chemistry	No. Of hours
Introduction to Organic Chemistr	3
IUPAC Nomenclature	9
Structural Isomerism (except Taut	3
Geometrical Isomerism	6
Optical Isomerism	9
Conformational Isomerism	6
Electronic Effect	6
Reaction Intermediates	6
Acidity and Basicity	6
Basics of Reaction Mechanisms	3
SN2 Reactions	3
1 Lecture - SN1 Reactions	3
All remaining nucleophilic substit	6
Elimination Reactions	6
SNTH and ARSN	3
Elimination	6
Aromatic Compounds	15
Grignards Reagent	3
Halogen Derivative	12
Oxidation and Reduction	3
Phenols	6
Ethers	3
Aldehydes and Ketones	15
Carboxylic Acids	3
Nitrogen containing organic comp	6
Bio Molecules	9
POC	3
<b>Total</b>	<b>162</b>