

JEE Main Chemistry Syllabus (Basic to Advanced)

BASIC FOUNDATION (Start here)

- Some Basic Concepts of Chemistry
- Classification of Elements and Periodicity in Properties
- Atomic Structure
- Chemical Bonding and Molecular Structure
- States of Matter
- Redox Reactions
- Chemical Thermodynamics and Energetics
- Equilibrium

INORGANIC CHEMISTRY (Build-up)

- Hydrogen
- S-Block Elements
- The P-Block Elements (Group 13-14)
- The P-Block Elements (Group 15-18)
- The D and F Block Elements
- Coordination Compounds
- Environmental Chemistry
- Principles of Inorganic Qualitative Analysis (Salt Analysis)

ORGANIC CHEMISTRY (Step-by-step build-up)

- Some Basic Principles & Techniques - IUPAC Nomenclature
- Some Basic Principles & Techniques - Isomerism
- Some Basic Principles - General Organic Chemistry (GOC)
- Hydrocarbons
- Haloalkanes and Haloarenes
- Alcohols, Phenols and Ethers
- Aldehydes, Ketones and Carboxylic Acids
- Amines

JEE Main Chemistry Syllabus (Basic to Advanced)

- Biomolecules
- Polymers
- Chemistry in Everyday Life
- Verification and Analysis of Organic Compounds

PHYSICAL CHEMISTRY (Concept + Numericals)

- Solutions
- Electrochemistry
- Chemical Kinetics
- Surface Chemistry
- The Solid State
- General Principles and Processes of Isolation of Elements