



JEE Main Syllabus 2021: Physics, Mathematics & Chemistry:

JEE Main Syllabus of Physics:

- Electrostatics
- Current Electricity
- Alternating Current
- KTG & Thermodynamics
- SHM
- Sound Waves
- Kinematics
- Work Power Energy
- Laws of motion
- Centre Of Mass
- Modern Physics
- Elasticity
- Wave Optics
- Error
- Circular Motion
- Electromagnetic Waves
- Semiconductors
- Communication System

JEE Main Syllabus of Mathematics:

- Coordinate Geometry
- Differential Calculus
- Integral Calculus
- Matrices and Determinants
- Sequence and Series
- Trigonometry
- Quadratic Equation
- Probability
- Permutation and Combination
- Mathematical Reasoning
- Statistics
- Algebra
- Binomial Theorem
- Complex Number

JEE Main Syllabus of Chemistry:

1. Physical Chemistry Chapter

- Some Basic Concepts in Chemistry
- States of Matter
- Atomic Structure
- Redox reactions and Electrochemistry
- Equilibrium
- Chemical Kinetics
- Surface Chemistry

2. Inorganic Chemistry Chapter

- General principles and process of isolation of metals
- Hydrogen and s-Block elements
- p-Block elements
- D- and f- Block elements
- Coordination compounds
- Environmental Chemistry

3. Organic Chemistry Chapter

- Polymers and Biomolecules
- Hydrocarbons
- Organic Compounds Containing Oxygen
- Organic Compounds Containing Nitrogen

