

Physics Entrance Exams Requirements

➤ 10 → 11S:

❖ **Unit 1: Electricity**

- ✓ Chapter 1: Electrostatics
- ✓ Chapter 2: Potential Difference
- ✓ Chapter 3: Electric Current
- ✓ Chapter 4: Resistors
- ✓ Chapter 5: Sources of Electromotive Force - Electric Loads
(Electric Circuits)

❖ **Unit 4: Mechanics**

- ✓ Chapter 12: Description of Rectilinear Motion
- ✓ Chapter 13: Nature of Rectilinear Motion

➤ 11S → 12LS:

- ✓ Chapter 7: Kinematics: Motion of a particle in a plane.
- ✓ Chapter 9: Newton's Second Law and applications (Dynamics)
- ✓ Chapter 10: System of Particles
- ✓ Chapter 12: Work and Energy
- ✓ Chapter 14: Capacitors
- ✓ Chapter 15: Magnetic Field
- ✓ Chapter 16: The Magnetic Field of a Current

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