

# Phys 501: Intermediate Electromagnetic Theory I

## PHYSICS & ASTRONOMY

Electrostatics, electric and magnetic properties of matter. Maxwell's equations and their solution, propagation and radiation of electromagnetic waves. Students cannot receive credit for both Phys 402 and Phys 502.

3 Credits

### Prerequisites

- Prerequisite: Junior standing (60 hr).

### Instruction Type(s)

- Lecture: Lecture for Phys 501

### Subject Areas

- [Physics, General](#)

### Related Areas

- [Acoustics](#)
- [Atomic/Molecular Physics](#)
- [Condensed Matter and Materials Physics](#)
- [Elementary Particle Physics](#)
- [Nuclear Physics](#)
- [Optics/Optical Sciences](#)
- [Physics, Other](#)
- [Theoretical and Mathematical Physics](#)

