

# Phys 402: Electromagnetic Theory II

## [Physics & Astronomy](#)

Electrostatics, electric and magnetic properties of matter, Maxwell's equations and their solutions, propagation and radiation of electromagnetic waves.

3 Credits

### Prerequisites

- [Phys 401: Electromagnetic Theory I](#) \$target.descriptions.MinimumGrade\$
- [Math 353: Elementary Differential Equations](#) \$target.descriptions.MinimumGrade\$
- Pre-Requisite: 24 Earned Hours

### Instruction Type(s)

- Lecture: Lecture for Phys 402

### 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](#)

