

## Phys 319: Optics

### PHYSICS & ASTRONOMY

Intermediate description of electromagnetic wave propagation; topics in geometrical and physical optics including interference diffraction, polarization, and laser physics; lab exercises in physical and geometrical optics.

4 Credits

### Prerequisites

- [Math 262: Unified Calculus & Analytic Geometry II](#)
- Pre-Requisite: 24 Earned Hours
- Phys 212 or Phys 214

### Instruction Type(s)

- Lecture: Lecture/Lab for Phys 319

### Course Fee(s)

#### Astronomy and Physics

- \$150.00 for:
  - 2014-15: May, Full Summer, First Summer, Second Summer, August
- \$175.00 for:
  - 2015-16: Fall, First Fall, Second Fall, Winter
- \$195.00 for:
  - 2015-16: Spring, First Spring, Second Spring

### Subject Areas

- [Optics/Optical Sciences](#)

### Related Areas

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

