

**Course:**

**PHYS 204 Quantum and Atomic Physics**

4 hours

**Majors, Minors & Degrees:**

**Majors**

Physics (B.S.)

**Departments/Programs:**

Physics, Astronomy, and Computer Science

An introduction to quantum theory, statistical physics, and atomic spectra and properties, phenomena in atomic, molecular, nuclear, solid-state, and high-energy physics as application of the principles of microscopic physics.

Three lectures per week. One recitation per week.

*Prerequisites; PHYS 162 Introduction to Modern Physics and MATH 204 Calculus III or MATH 224 Differential Equations, computer programming skills or permission of the instructor.*