Nebraska Wesleyan University

PHYS 204 Quantum and Atomic Physics

Catalog

2013-2014

Course Description

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.

Course Hours

4 hours

Departments

1. Physics, Astronomy, and Computer Science