PHYS 4510: Subatomic Physics (winter)

Calendar description: This course provides an introduction to modern nuclear and particle physics. Topics may include the nucleon-nucleon interaction, the deuteron, the nuclear shell model, dynamical probes of nuclei (electron, photon, and hadron scattering), the structure of nucleons and mesons, electroweak interactions, and the implications of quantum field theory.

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Overview

Prerequisites

PHYS 4500 Quantum Mechanics II

Dependent courses

Student Outcomes

Curriculum

Suggested texts

Notes to the instructor