

PHYS 260: INTRODUCTION MATERIALS SCIENCE (R)

This course integrates the physics and chemistry of materials with an emphasis on the state-of-the-art in nanomaterials and nanotechnologies. Topics include: crystalline structure, bonding in solids, band theory, defects, electrical and thermal properties of materials, and a project researching nanomaterials and/or nanotechnologies in the current scientific literature. Cross listed as CHEM 260.

Credits: 3

Prerequisites:

PHYS 202 and CHEM 122, which may be taken concurrently. Spring alternate years.

Department: [Physics](#)