PHYSICS (PHY)

PHY 568 - Condensed Matter Physics (3.0 hours)
Introduction to the physics of the solid state and other condensed matter especially for students of physics, materials science, and engineering; structure of crystals; molecular binding in solids, thermal properties, introduction to energy band structure and its relation to charge transport in solids, semiconductors, superconductivity.
Prerequisite: Physics majors: PHY 330, 202 or 380; PHY 305. Other majors need instructor consent.