



Phys 725: Solid State Physics I Physics & Astronomy

Properties of solids and solid state theory, lattices, lattice imperfections and vibrations, cohesive energy, band structure, magnetism, transport and optical properties.

3 Credits

Prerequisites

• Phys 725 Requires: One Way-Co-Requisite Phys 711

Instruction Type(s)

Lecture: Lecture for Phys 725

Subject Areas

<u>Condensed Matter and Materials Physics</u>

Related Areas

- <u>Acoustics</u>
- <u>Atomic/Molecular Physics</u>
- Elementary Particle Physics
- <u>Nuclear Physics</u>
- Optics/Optical Sciences
- <u>Physics</u>, General
- Physics, Other
- <u>Theoretical and Mathematical Physics</u>

The University of Mississippi is accredited by the Southern Association of Colleges and Schools Commission on Colleges to award certificates and baccalaureate, master's, specialist, and doctoral degrees. Contact the Commission on Colleges at 1866 Southern Lane, Decatur, Georgia 30033-4097, call 404-679-4500, or visit online at www.sacscoc.org for questions about the accreditation.

