

## Phys 709: Advanced Mechanics I Physics & Astronomy

This course covers Newtonian mechanics, Lagrangian dynamics, small oscillations, rigid body motion, Hamiltonian dynamics, waves, continuum mechanics, classical field theory.

3 Credits

## Instruction Type(s)

• Lecture: Lecture for Phys 709

## Subject Areas

• Physics, General

## **Related Areas**

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

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.

