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
- Condensed Matter and Materials Physics
- Elementary Particle Physics
- Nuclear Physics
- Optics/Optical Sciences
- Physics, Other
- Theoretical and Mathematical Physics