

# Phys 633: Elementary Particle Physics

Phenomenology. Symmetries and conservation laws. Quarks, leptons, gauge bosons. Standard model. Experimental techniques of particle physics. 3 Credits

## Prerequisites

Phys 612: Quantum Mechanics II

• Pre-requisite: Phys 451 or Graduate Status

## Instruction Type(s)

Lecture: Lecture for Phys 633

#### **Subject Areas**

Elementary Particle Physics

#### **Related Areas**

- <u>Acoustics</u>
- <u>Atomic/Molecular Physics</u>
- <u>Condensed Matter and Materials Physics</u>
- <u>Nuclear Physics</u>
- Optics/Optical Sciences
- Physics, 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.

