

Phys 733: Elementary Particle Physics Physics & Astronomy

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

Prerequisites

- Phys 712: Quantum Mechanics II
- Pre-requisite: Phys 451 or Graduate Status

Instruction Type(s)

• Lecture: Lecture for Phys 733

Subject Areas

• Elementary Particle Physics

Related Areas

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

