

# 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**

- <u>Acoustics</u>
- <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

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