

# 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
- Atomic/Molecular Physics
- Condensed Matter and Materials Physics
- Nuclear Physics
- Optics/Optical Sciences
- Physics, General
- Physics, Other
- Theoretical and Mathematical Physics