

# 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](#)

