

# 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>

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