

# 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 \$target.descriptions.MinimumGrade\$
- 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>
- Nuclear Physics
- Optics/Optical Sciences
- Physics, General
- Physics, Other
- <u>Theoretical and Mathematical Physics</u>

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