

Phys 731: Quantum Field Theory I Physics & Astronomy Quantized relativistic fields. QED. Renormalization. Gauge fields. Spontaneous symmetry breaking. Electroweak interactions. QCD.

3 Credits

Prerequisites

Phys 711: Quantum Mechanics I

## Instruction Type(s)

· Lecture: Lecture for Phys 731

## Subject Areas

Elementary Particle Physics

## **Related Areas**

- Acoustics
- <u>Atomic/Molecular Physics</u>
- <u>Condensed Matter and Materials Physics</u>
- <u>Nuclear Physics</u>
- Optics/Optical Sciences
- Physics, General
- Physics, Other
- Theoretical and Mathematical Physics

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