

# PHYS 271. INTRODUCTION TO QUANTUM PHYSICS.

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Credits: 3

Offered by: Physics (Faculty of Engineering)

This course is not offered this catalogue year.

## Description

The observed properties of atoms and radiation from atoms. Electron waves. The Schroedinger Equation in one dimension. Quantum mechanics of the hydrogen atom. Angular momentum and spin. Quantum mechanics of many electron systems. Basic ideas of electrons in solids and solid state physics.

- Winter
- (3-0-6)
- Prerequisite: PHYS 251 or CIVE 281
- Restriction: This course is not available to any student enrolled in any Majors or Honours program involving Physics.

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