

PHYSICS MINOR (B.ENG.) (18 CREDITS)

Offered by: Physics (Faculty of Science)

Degree: Bachelor of Engineering

Program credit weight: 18

Program Description

The B.Eng.; Minor in Physics focuses on thermal physics and quantum physics. This program is open to engineering students in one of the following honours programs offered by the Faculty of Engineering; Honours in Electrical Engineering and Honours in Mechanical Engineering. See the Engineering Student Centre for details on authorization needed for this program.

A maximum of 9 credits of double-counting is allowed with the major.

Note: For information about Fall 2025 and Winter 2026 course offerings, please check back on May 8, 2025. Until then, the "Terms offered" field will appear blank for most courses while the class schedule is being finalized.

Required Courses (9 credits)

Expand allContract all

Course	Title	Credits
PHYS 253	Thermal Physics.	3
PHYS 357	Honours Quantum Physics 1.	3
PHYS 457	Honours Quantum Physics 2.	3

Complementary Courses (9 credits)

9 credits from the following:

Expand allContract all

Course	Title	Credits
PHYS 351	Honours Classical Mechanics 2.	3
PHYS 362	Statistical Mechanics.	3
PHYS 432	Physics of Fluids.	3
PHYS 514	General Relativity.	3
PHYS 551	Quantum Theory.	3
PHYS 557	Nuclear Physics.	3
PHYS 558	Solid State Physics.	3
PHYS 559	Advanced Statistical Mechanics.	3
PHYS 562	Electromagnetic Theory.	3
PHYS 567	Particle Physics.	3