

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

Offered by: Physics (Faculty of Science)

Degree: Bachelor of Science; Bachelor of Arts and Science

Program credit weight: 18

Program Description

The 18-credit Minor permits no overlap with any other programs. It contains no Mathematics courses, although many of the courses in it have Math pre- or corequisites. It will, therefore, be particularly appropriate to students in Mathematics, but it is also available to any Science student with the appropriate mathematical background.

Students in certain programs (e.g., the Major Chemistry) will find that there are courses in the Minor that are already part of their program, or that they may not take for credit because of a substantial overlap of material with a course or courses in their program. After consultation with an adviser, such students may complete the Minor by substituting any other physics course(s) from the Major or Honours Physics programs.

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 Course (3 credits)

Expand allContract all

Course	Title	Credits
PHYS 257	Experimental Methods 1.	3

Complementary Courses (15 credits)

15 credits to be selected as follows:

One of:

Expand allContract all

Course	Title	Credits
PHYS 230	Dynamics of Simple Systems.	3
PHYS 251	Honours Classical Mechanics 1.	3

One of:

Expand allContract all

Course	Title	Credits
PHYS 232	Heat and Waves.	3
PHYS 253	Thermal Physics.	3

One of:

Expand allContract all

Course	Title	Credits
PHYS 241	Signal Processing.	3
PHYS 258	Experimental Methods 2.	3

One of:

Expand allContract all

Course	Title	Credits
PHYS 224	Physics of Music.	3
PHYS 228	Energy and the Environment.	3
PHYS 260	Modern Physics and Relativity.	3
PHYS 320	Introductory Astrophysics.	3
PHYS 346	Majors Quantum Physics.	3

One of:

Expand allContract all

Course	Title	Credits
PHYS 340	Majors Electricity and Magnetism.	3
PHYS 350	Honours Electricity and Magnetism.	3