

■ Computing Systems & Physics

Program Coordinators

Chair of the Department of Computing & Information Systems

R. T. Hurley, BSc (New Brunswick), PhD (Waterloo)

Chair of the Department of Physics & Astronomy

R. Wortis, BSc (Harvard), MSc, PhD (Illinois)

Professors

See faculty listings in Computing & Information Systems, Mathematics, and Physics & Astronomy

This program is designed to meet the needs of students interested in electronic, hardware, and interfacing aspects of computers, which are based on fundamental principles of physics and mathematics.

Bachelor of Science Program in Computing Systems & Physics

- In addition to the program requirements listed below, students must satisfy the University degree requirements (see [p. 14](#)).
- The Honours program in Computing Systems & Physics is a sequence of courses that compose an integrated whole and are offered by the Departments of Computing & Information Systems, Mathematics, and Physics & Astronomy. For more information on individual courses, see Calendar entries for these departments.
- 60% or higher in MATH 1120H is required for upper-level Physics courses; MATH 1350H is a prerequisite for upper-level Mathematics courses.

The single-major Honours program. 20.0 credits including the following 15.0 credits:

- 3.5 COIS credits consisting of COIS 1010H, 1020H, 2020H, 2300H, 2320H, 3320H, and 3380H
- 4.0 PHYS credits consisting of PHYS 1001H, 1002H, 2610H, 2620H, 3200Y, 3610H and 4610H
- 4.5 MATH credits consisting of MATH 1110H, 1120H, 1350H, 1550H, 2110H, 2120H, 2150H, 2600H, and 3150H
- 0.5 COIS credit from COIS 3400H or 4470H
- 1.0 COIS credit from COIS 4310H, 4350H, or 4400H
- 0.5 PHYS credit from PHYS 2250H or 2310H
- 1.0 PHYS credit from PHYS 4050H, 4220H, 4240H, 4310H, 4410H, 4520H, or 4700H