

## B.Sc. MAJOR in PHYSICS

### Program Requirements

**2019-20**  
**Calendar**

Humanities 6 credit hr	Arts/ECON 12 credit hr	Electives 36 credit hr	MATH/CSCI 6 credit hr	Science Breadth 18 credit hr	MAJOR Subject Area <b>PHYSICS</b> 42 credit hr
			MATH 1210 Intro Calculus I	CSCI 1226 Intro to Computing Programming	PHYS 1210 University Physics I
			MATH 1211 Intro Calculus II	***	PHYS 1211 University Physics II
				***	PHYS 1500 Intro to Modern Physics
				MATH 2311 Intermediate Calculus	PHYS 2302 Mechanics I
				MATH 2301 Applied Linear Algebra	PHYS 2303 Mechanics II
				MATH 2303 Differential Equations I	PHYS 2410 Electricity & Magnetism
					PHYS 2510 Thermodynamics
					PHYS 3200 Math Methods in Physics I
					PHYS 3410 Electromagnetism
					PHYS 3500 Quantum Mechanics I
					PHYS ≥ 3xxx
					PHYS ≥ 3xxx
					PHYS ≥ 3xxx
					PHYS ≥ 3xxx

A minimum GPA of 2.2 is required in the Major Subject Area courses.

**NOTES:**

\*\*\* Recommended: CSCI 1228, CHEM 1210  
 A minimum grade of C is required in CSCI 1226 to take CSCI 1228

LIGHT GRAY = suggested schedule for Year1

DARK GRAY = suggested schedule for Year2

*Every effort is made to ensure that the information summarized here is accurate. Students are reminded that the University Academic Calendar is the official source of Program information.*

**Course & Elective Options:**

**Sciences:** Astronomy, Biology, Chemistry, Computing Science, Environmental Science, Geology, Mathematics, Physics, Psychology (Excluding ASTR 1010, CHEM 1221, FRSC 2200, FRSC 2001, GEOL 1202, GEOL 1203, GEOL 1210, MATH 1202, and MATH 1203)

**Arts:** Anthropology, Arabic, Asian Studies, Atlantic Canada Studies, Chinese, Classics, Economics, English, French, German, Geography, Hispanic Studies, History, Irish Studies, Japanese, Linguistics, Philosophy, Political Science, Religious Studies, Sociology, Spanish, Women & Gender Studies

**Humanities:** Classics, English (other than 1205), History, Philosophy, Religious Studies and Modern Languages (courses in literature and/or culture)