

Experimental Science Requirement

Students in B.Sc. Honours or General degree programs must present at graduation at least two full credits of experimental science chosen from two different departments: Biology, Chemistry, Earth Sciences, Geography, or Physics.

Approved experimental science courses:

Biochemistry

BIOC 2200 [0.5]	Cellular Biochemistry	0.5
BIOC 3006 [1.0]	Practical Biochemistry	1.0
BIOC 4001 [0.5]	Methods in Biochemistry	0.5
BIOC 4201 [0.5]	Animal Cell Culture: Methods and Applications	0.5
Total Credits		2.5

Biology

BIOL 1003 [0.5]	Introductory Biology I	0.5
BIOL 1004 [0.5]	Introductory Biology II	0.5
BIOL 1103 [0.5]	Foundations of Biology I	0.5
BIOL 1104 [0.5]	Foundations of Biology II	0.5
BIOL 2001 [0.5]	Animals: Form and Function	0.5
BIOL 2002 [0.5]	Plants: Form and Function	0.5
BIOL 2104 [0.5]	Introductory Genetics	0.5
BIOL 2200 [0.5]	Cellular Biochemistry	0.5
Total Credits		4.0

Chemistry

CHEM 1001 [0.5]	General Chemistry I	0.5
CHEM 1002 [0.5]	General Chemistry II	0.5
CHEM 1005 [0.5]	Elementary Chemistry I	0.5
CHEM 1006 [0.5]	Elementary Chemistry II	0.5
CHEM 2103 [0.5]	Physical Chemistry I	0.5
CHEM 2203 [0.5]	Organic Chemistry I	0.5
CHEM 2204 [0.5]	Organic Chemistry II	0.5
CHEM 2206 [0.5]	Organic Chemistry IV	0.5
CHEM 2302 [0.5]	Analytical Chemistry	0.5
CHEM 2303 [0.5]	Analytical Chemistry	0.5
CHEM 2800 [0.5]	Foundations for Environmental Chemistry	0.5
Total Credits		5.5

Earth Sciences

ERTH 1006 [0.5]	Exploring Planet Earth	0.5
ERTH 1009 [0.5]	The Earth System Through Time	0.5
ERTH 2102 [0.5]	Mineralogy to Petrology	0.5
ERTH 2404 [0.5]	Engineering Geoscience	0.5
ERTH 2802 [0.5]	Field Geology	0.5
ERTH 3111 [0.5]	Vertebrate Paleontology I: Mammalian Paleontology and Evolution	0.5
ERTH 3112 [0.5]	Paleontology and Evolution of Lower Vertebrates	0.5
ERTH 3204 [0.5]	Mineral Deposits	0.5

ERTH 3205 [0.5]	Physical Hydrogeology	0.5
ERTH 3806 [0.5]	Structural Geology	0.5
Total Credits		5.0

Geography

GEOG 1010 [0.5]	Global Environmental Systems	0.5
Total Credits		0.5

Physics

PHYS 1001 [0.5]	Foundations of Physics I	0.5
PHYS 1002 [0.5]	Foundations of Physics II	0.5
PHYS 1003 [0.5]	Introductory Mechanics and Thermodynamics	0.5
PHYS 1004 [0.5]	Introductory Electromagnetism and Wave Motion	0.5
PHYS 1007 [0.5]	Elementary University Physics I	0.5
PHYS 1008 [0.5]	Elementary University Physics II	0.5
PHYS 2202 [0.5]	Wave Motion and Optics	0.5
PHYS 2604 [0.5]	Modern Physics I	0.5
PHYS 3007 [0.5]	Third Year Physics Laboratory: Selected Experiments and Seminars	0.5
PHYS 3606 [0.5]	Modern Physics II	0.5
PHYS 3608 [0.5]	Modern Applied Physics	0.5
Total Credits		5.5