

**YEAR 1**
**YEAR 2**
**YEAR 3**
**YEAR 4**

YEAR 1		YEAR 2		YEAR 3		YEAR 4	
FALL	WINTER	FALL	WINTER	FALL	WINTER	FALL	WINTER
<b>ERTH 1002</b> <i>The Earth and Life Odyssey: A Journey Through Billions of Years</i>	<b>ISAP 1000</b> or approved course outside the Faculties of Science and Engineering	<b>ERTH 2102</b> <i>Mineralogy to Petrology</i>	<b>ERTH 2106</b> <i>Geochemistry</i>	<b>ERTH 3112</b> <i>Vertebrate Evolution: Fish and Amphibians</i>	<b>ERTH 3111</b> <i>Vertebrate Evolution: Mammals, Reptiles, and Birds</i>	2.0 credits in EARTH and BIOL courses at the <b>4000 level</b> to be chosen from: BIOL 4102, 4103, 4104, 4207, 4500, 4501, 4502, 4604, 4802, EARTH 4006, 4007	
<b>MATH 1007</b> <i>Elementary Calculus I</i>	<b>MATH 1107</b> <i>Linear Algebra I</i>	<b>ERTH 2105</b> <i>Geodynamics</i>	<b>ERTH 2312</b> <i>Paleontology</i>	<b>ERTH 3113</b> <i>Geology of Human Origins</i>	<b>0.5 credit Free Elective</b>	<b>1.0 credit in EARTH at the 4000 level</b>	
<b>CHEM 1001</b> <i>General Chemistry I</i>	<b>CHEM 1002</b> <i>General Chemistry II</i>	<b>ERTH 2314</b> <i>Sedimentation and Stratigraphy</i>	<b>BIOL 2001</b> <i>Animals: Form and Function</i>	<b>2.0 credits</b> to be chosen from: BIOL 3104, 3202, 3501, 3605, 3609, 3611, 3802 GEOG 3102, 3104 EARTH 2401, 2407, 2419		<b>ERTH 4003 or EARTH 4808</b>	<b>ERTH 4302</b> <i>Frozen Earth</i>
<b>BIOL 1103</b> <i>Foundations of Biology I</i>	<b>BIOL 1104</b> <i>Foundations of Biology II</i>	<b>ERTH 2004</b> <i>Maps, Stats &amp; Geospatial Revolution</i>	<b>BIOL 2104</b> <i>Introductory Genetics</i>	<b>STAT 2507</b> <i>Introduction to Statistical Modeling I</i>	<b>0.5 credits in approved course outside Faculty of Science/Engineering</b>	<b>0.5 credits in approved course outside Faculty of Science/Engineering</b>	<b>0.5 credit Free Elective</b>
<b>PHYS 1007</b> <i>Elementary University Physics I</i>	<b>0.5 credits in approved course outside Faculty of Science/Engineering</b>	<b>BIOL 2600</b> <i>Ecology</i>	<b>0.5 credits in Science Faculty Electives (not EARTH or BIOL)</b>				

 Earth Sciences	 Chemistry	 Physics	 Biology
 NSCI	 Math	 Computer Science	 Electives

**NOTE:**

- Field Courses marked with an \* are held outside of the regular term dates.
- This is a snapshot of the Undergraduate calendar but information can change. Always consult your audit and seek advising if you are off track.
- It is your responsibility to make sure you have the necessary pre-requisite courses before registering. This information can be found in the Undergraduate calendar at: [calendar.carleton.ca/undergrad/](http://calendar.carleton.ca/undergrad/)