

Faculty of Science
Program Route: Bachelor of Science Route Course Selection Form

Directions: Complete the following form by selecting your Fall and Winter Term courses for your program route. Once completed, submit the form to typrec@ualberta.ca. Course enrollment and changes will be completed by the FPH TYP Associate Director I or the okiskino hamâkew (educator) Associate Director II.

Student Name	
Date	

Required Courses	Units	Term
WRS 101 Exploring Writing	3	Fall Term
Takwâkin (fall) (TAKWA) 101	1.5	
Select one basic science course option: ○ BIOL 107 Introduction to Cell Biology ○ BIOL 108 Introduction to Biological Diversity ○ CHEM 101 Introduction to Chemistry ○ PHYS 114 Physics: The Big Picture ○ PHYS 124 Particles and Waves	3	
Select one formal science course option: ● CMPUT 101 Introduction to Computing ● CMPUT 174 Introduction to the Foundations of Computation I ● MATH 125 Linear Algebra I ● MATH 134 Calculus for the Life Sciences I ● MATH 144 Calculus for the Mathematical and Physical Sciences I ● MATH 154 Calculus for Life Science ● STATS 151 Introduction to Applied Statistics I	3	

ENGL 125 Indigenous Literatures	3	Winter Term
Pipon (winter) (PIPON) 102	1.5	
Arts or Science Course Option: _____	3	
Select a Specialized Science Course below * See Note	3	Fall or Winter Term

Check off one Specialized Science Course Option. Note: Before selecting the course, make sure you meet the prerequisite requirements.

Courses	Prerequisite
ASTRO 120 Astronomy of the Solar System	Mathematics 30-1 and Physics 30
ASTRO 122 Astronomy of Stars and Galaxies	Mathematics 30-1 and Physics 30
BIOL 207 Molecular Genetics and Heredity	BIOL 107
BIOL 208 Principles of Ecology	BIOL 108
BOT 205 Fundamentals of Plant Biology	BIOL 108
EAS 100 Plant Earth	No prerequisite
EAS 202 Violent Weather	Any 100 Level Science Course
EAS 204 The Geology of Your Environment	Any 100 Level Science Course

	ENT 101 Insect Human Interactions	Online Course
	ENT 220 Insect Biology	BIOL 108
	GEOPH 110 Introduction to Earth & Planetary Physics	Mathematics 30-1 and Physics 20
	GEOPH 210 Structure, Dynamics and Evolution of the Earth & Planetary Interiors	Mathematics 30-1 and Physics 20
	PALEO 200 Introduction to Dinosaurs in the Fossil Record	Biology 30 or any 100 Level Science Course
	PALEO 201 Dinosaurs in the Fossil Record	Biology 30 or any 100 Level Science Course/Online
	PALEO 202 Early Vertebrate Evolution	BIOL 108
	PALEO 203 Ancient Marine Reptiles	BIOL 108
	PALEO 204 Theropod Dinosaurs and the Origin of Birds	BIOL 108
	PSYCO 104 Basic Psychological Processes	BIOL 108
	ZOOL 224 Vertebrate Diversity	BIOL 108
	ZOOL 250 Survey of the Invertebrates	BIOL 108

Note: * Example: uncommon high school course offerings