

University Transfer students can choose from a variety of courses to create a path towards a future degree at a post-secondary institution of their choice\*. You can complete one year towards a Bachelor of Science degree here at Bow Valley College.

Below are **example pathways\*\*** that students can follow here at Bow Valley College. Some university programs require post-secondary transfer students to have specific courses, but many will require only post-secondary credits, so choose the classes that most interest you.

### **Sample one year stream (Biological Sciences)\*\*\***

<b>Term 1</b>	<b>Term 2</b>
BIOL1402 Fundamentals of Bioenergetics	BIOL1403 DNA, Inheritance, and Evolution
CHEM1901 General Chemistry: Structure and Bonding	CHEM1902 General Chemistry: Change and Equilibrium
MATH1902 Introductory Calculus	MATH1903 Introductory Calculus II OR MATH1904 Linear Methods I
PHYS1900 Mechanics	PHYS1901 Modern Physics
ENGL1302 Literature and Society	Non-science option

### **Sample one year Bachelor of Science (Chemistry)**

<b>Term 1</b>	<b>Term 2</b>
CHEM1901 General Chemistry: Structure and Bonding	CHEM1902 General Chemistry: Change and Equilibrium
MATH1902 Introductory Calculus	MATH1903 Introductory Calculus II
PHYS1900 Mechanics	PHYS1901 Modern Physics
ENGL1302 Literature and Society	Non-science option
PSYC1101 Introduction to Psychology	MATH1600 Introduction to Statistics

### **Sample one year Bachelor of Science (Physics)**

<b>Term 1</b>	<b>Term 2</b>
PHYS1900 Mechanics	PHYS1901 Modern Physics
CHEM1901 General Chemistry: Structure and Bonding OR BIOL1402 Fundamentals of Bioenergetics	CHEM1902 General Chemistry: Change and Equilibrium OR BIOL1403 DNA, Inheritance, and Evolution
MATH1902 Introductory Calculus	MATH1903 Introductory Calculus II
ENGL1302 Literature and Society	Non-science option
PSYC1101 Introduction to Psychology	MATH1904 Linear Methods I

\*Each post-secondary institution and program its own entry requirements. Completing courses at Bow Valley College through University Transfer will not guarantee admission to these programs. Students will still need to apply to the university of their choice.

\*\*Some courses need not be taken in this sequence and some courses may be swapped out for different options.

\*\*\*Please note that Mount Royal University's Biology courses are different from ours and thus you will not be granted transfer credit toward their core first-year Biology courses. In advance of transferring to Mount Royal University to take Biology, you can complete some CHEM1901 along with courses that will help you fulfill your General Education requirements at MRU, including:

Bow Valley College course	MRU course equivalent	
ENGL1201	GNED1401	Required GenEd Cluster 4 Foundation course
CHEM1901	CHEM1201	
PSYC1101	PSYC1105	Fulfills GenEd option Cluster 2 Tier 2 elective
SOCI1101	SLGY1101	Fulfills GenEd Cluster 3 tier 2 elective
COMM1101	INTS124	Fulfills GenEd Cluster 4 tier 2 elective