

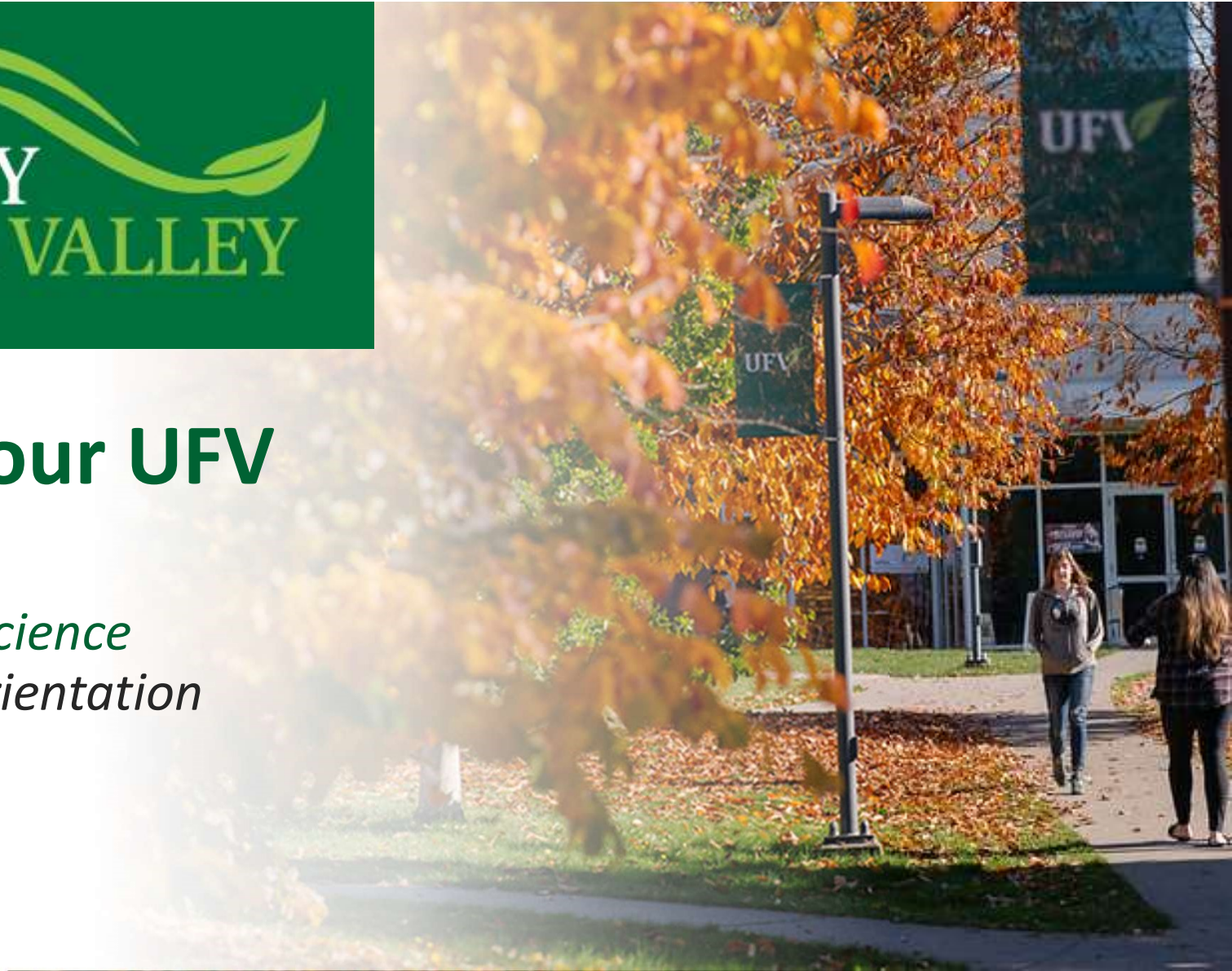


Discover Your UFV

Fall 2021

Bachelor of Science

Program Orientation

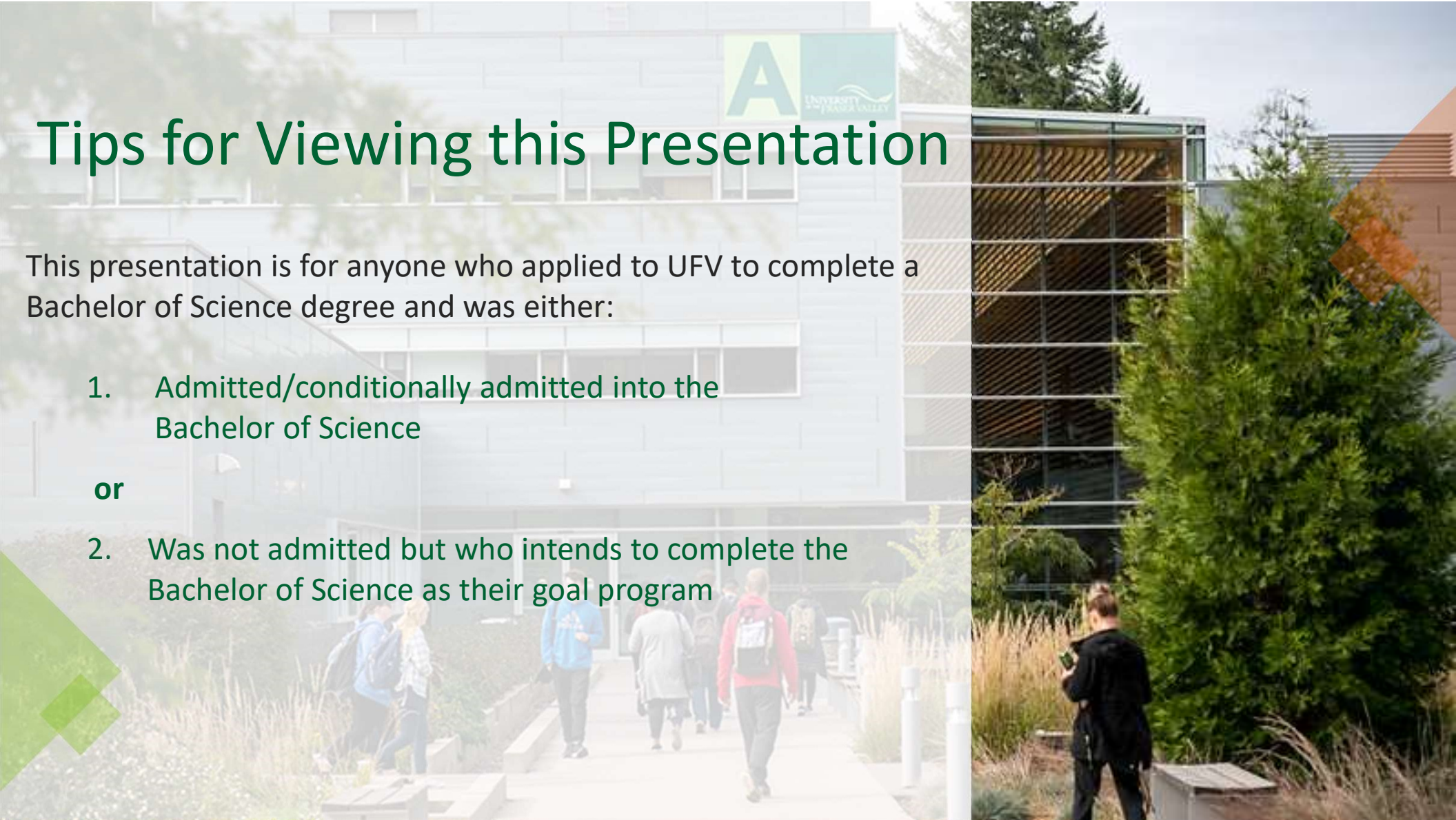




Tips for Viewing this Presentation

This presentation is for anyone who applied to UFV to complete a Bachelor of Science degree and was either:

1. Admitted/conditionally admitted into the Bachelor of Science
- or**
2. Was not admitted but who intends to complete the Bachelor of Science as their goal program



Tips for Viewing this Presentation

Take Your Time

- This presentation serves as your first advising appointment; we cover the same information as if this was an in-person, new student appointment
- A regular advising appointment takes about 45 minutes - give yourself at least that amount of time
- Bookmark this presentation – you'll want to refer back to it more than once

TRUST the information is sufficient

- This was developed by the Advisors you will work with throughout the course of your program.
Your success is their goal.
- This presentation will not include all **Bachelor of Science** details - what is included will prepare you for your first semester, and into your first year
- We will build off this information in future appointments





Tips for Viewing this Presentation

We are here to help!

If you already feel a bit overwhelmed about starting university, you are not alone!

Much of this will be new and we're going to introduce some key pieces that you need to know now and help normalize this experience for you.

Let's get started!



Territorial Acknowledgment



Long before Canada was formed, the Stó:lō (people of the river) occupied the land on which UFV is located. They lived in the Fraser Valley and lower Fraser Canyon of British Columbia and they spoke Halq'eméylem, also known as the upriver dialect.

UFV recognizes and honours the contribution that Aboriginal people have made — and continue to make — to our community. UFV supports Indigenous learners and seeks to incorporate indigenous ways of knowing in the curriculum.



We Will Cover the Following Areas in the Presentation:

- Information on the UFV Advising Centre
 - Who We are and What We Do!
- BSc Program Requirements
- Fall 2021 Course Planning and Registration Tips
- Course Planning Tools
 - UFV Academic Calendar
 - 1- & 4-year major/program plans
 - myGradPlan
- Resources for Academic Success

UFV Advising Centre

How to Contact Us:

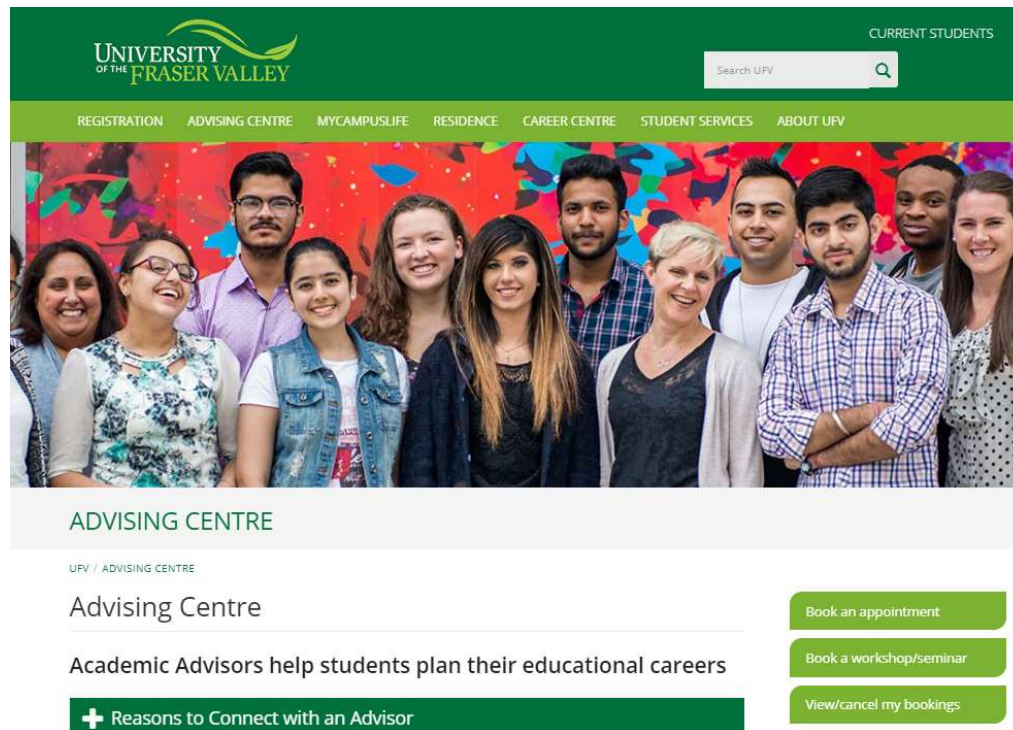
- Email: advising@ufv.ca
- Phone: 604-864-4674

Currently, all advising appointments are being offered Virtually (via Collaborate or Zoom), Phone, or Email

- Abbotsford Campus
Student Union Building, 3rd Floor
- Chilliwack Student Services
Building A, Room A1318

Book an Appointment or
Find Advising Resources Online:

ufv.ca/advising



UNIVERSITY OF THE FRASER VALLEY

CURRENT STUDENTS

Search UFV

REGISTRATION ADVISING CENTRE MYCAMPUSLIFE RESIDENCE CAREER CENTRE STUDENT SERVICES ABOUT UFV

ADVISING CENTRE

UFV / ADVISING CENTRE

Advising Centre

Academic Advisors help students plan their educational careers

+ Reasons to Connect with an Advisor

Book an appointment

Book a workshop/seminar

View/cancel my bookings





Tips for Viewing this Presentation

On the Advising Centre webpage you can book advising appointments:

- ✓ Recommended at least once/year or every 30 credits
- ✓ **This presentation serves as your first appt.** If you need it, book your next appointment prior to winter registration (in October)

Completion Advisors (Science & CIS)



Reasons to Connect with an Academic Advisor:

- We provide a human connection between you and your studies at UFV
- If you need help with planning your diploma or degree
- If you need assistance to help you in staying on track with Program Audit/Graduation Plans (major/minor programs)
- Declare majors/minors/concentrations for degree programs

Completion Advisors (Science & CIS)



Reasons to Connect with an Academic Advisor:

- To get answers on university policies, procedures, or general academic questions
- Advisors can also provide referrals to university resources on campus
- Assistance with career or professional program planning (Medicine, Dental, graduate school)
- If you are in academic difficulty and have questions about your Academic Standing and developing strategies to succeed
- Graduation checking for your program of study

Preparing the Next Generation of Scientists at UFV



UFV's Faculty of Science encompasses programs from a number of disciplines such as: agriculture, biology, chemistry, engineering, physics, geography and the environment, computing science, and mathematics and statistics.

At UFV, lecture study is complemented with lab work, so that students get to learn and practice lab techniques and procedures that are commonly used in modern laboratories.

Fields that are in highest demand in Canada include computer science, math, engineering, natural and applied sciences, data science, and statistics. Job opportunities exist in government agencies, research and development firms, tech startups, health organizations, environmental consulting companies, manufacturing industries, laboratories, food processing plants, telecommunications firms, biotechnology firms, mining companies, and more.



Bachelor of Science General Requirements

- 120 credits total
- Requires at least 1 Major or 2 Minors in a Science discipline
- MATH 111/112 (Calculus 1 & 2)
- CMNS/ENGL courses (6 credits)
- Electives (courses outside your major/program requirements)

BSc Program Requirements



To earn a Bachelor of Science, you must choose to complete at least one of the following declaration options within the Science disciplines:

- 1 **major** or
- 2 **minors**

The first year in your degree you will begin to decide on a subject area to focus on.

What is a....

Major?

- A major is the main area of study that you will focus on in your degree
- A collection of 12–18 courses in a single subject area
- Lower upper-level courses required

Minor?

- A minor is a subject area that you take fewer courses in (7–12) which could be your secondary interest
- Lower and upper-level courses required

Science Disciplines

BSc Majors & Minors

- Biology
- Biochemistry
- Chemistry
- Computing Science
- Mathematics (and Math/Applied Statistics)
- Physical Geography
- Physics

BSc Honours *(thinking about grad school?)*

- Biology
- Chemistry
- Mathematics
- Physical Geography
- Physics

Interested in something else?

Take a course as an elective, it may lead to a major or minor in another discipline!





myGradPlan

- Available through your myUFV account and provided during your Advising appointment
- Provides a report of your current program requirements completed and still needed to graduate
- More info can be found at <https://www.ufv.ca/mygradplan/>

myGradPlan can answer your questions about...

- How many more classes do I need to graduate?
- What if I change my major?
- Which classes transferred with me when I came to UFV?

Course Planning for Fall 2021



- How many courses you take each semester is up to you. Select a course load (number of courses) that fits into your life.
- Plan to take 3 to 5 courses per semester. If you take 3 per semester, that is equal to 9-18 hours per week in class. First year science courses can be a heavy course load due to the lecture and lab combined in one class.
- Expect to need at least the same amount of time per week out of class as in class (9-18 hours) for homework (readings, assignments, group work, etc.)
- Are you working? How many hours per week? You want to make sure to keep a good balance between work and school.
 - 10hrs/week = 12 credits max. recommended
 - 20hrs/week = 9 credits max. recommended

Getting Ready for Fall 2021

- The **Fall 2021 timetable** will be available by the beginning of June with Registration beginning mid- to late June:
<https://www.ufv.ca/registration/semester-info/timetables/>
- Go to the **Office of the Registrar webpage** for a **step-by-step guide to registration** (with tutorial videos) as well as information on the \$200 registration deposit, fee payment deadline, important dates, & more.
<https://www.ufv.ca/registration/how-to-register/>
- Make sure to register for both **lecture** and **lab** sections of the course (eg. BIO 111, CHEM 113, PHYS 111)
- Check **course descriptions and prerequisites** in calendar for info on what courses are about:
<https://www.ufv.ca/calendar/current/CourseDescriptions/>



Registration Tips



The \$200 registration deposit (domestic) or full tuition and fees (international) must be paid prior to registering



Pay attention to the campus code; sections are coded AB for Abbotsford, CH for CEP campus, and ON for online



- Synchronous vs. Asynchronous
- Online
- Hybrid
- Hyflex (Hybrid-Flexible)



You can only register for one section of a course



Some programs reserve seats for their students in certain courses. If you cannot register for a section that has space, it could be due to seat reserves on a particular section.

Fall 2021 Timetable: Synchronous Courses

Scheduled meeting times for online courses are published in the Timetable.

MATH 111	CALCULUS I	4.0	Prerequisite(s): One of the following: (B or better in one of Principles of Math 12, Precalculus 12, MATH 095, or MATH 096) or (B or better in both MATH 092 and MATH 093) or (C+ or better in MATH 110) or (at least 70% on the MDPT).			
			Note: MATH 094 is a prerequisite for MATH 095.			
15436	ON1 Stan Manu	ONLINE UFV	M W F	0830 0950	06-JAN-2021 13-APR-2021	36
	Instructional Method - Online with scheduled meeting times					
	This section is supported by SLG. For more information visit - www.ufv.ca/slg					

- Mondays/Wednesdays/Fridays from 8:30 to 9:50 AM starting January 6th
- “Online with scheduled meeting times”

Fall 2021 Timetable: Asynchronous/Online Courses

If an online course does not have a meeting time, it is published in the Timetable as “Online only. No meeting times” with a start date.

```
BUS 160  COMPUTERIZED BUS APPLICATIONS      3.0          Prerequisite(s): None. It is recommended that stud  
are competent in computer skills.  
  
14605 ON1 Paul Kroeker          ONLINE UFV          06-JAN-2021 13-APR-2021  
Instructional Method - Online only. No meeting times  
Credit cannot be obtained for both BUS 160 and CIS 110.  
MAJOR:Library and Info Tech Dip  
School of Business
```


Timetable: Courses with Lecture and Lab

BIO 111	INTRODUCTORY BIOLOGY I	5.0	Prerequisite(s): One of the following: ([one of Life Sciences 11, Biology 11, or BIO 083 with a C+ or better] and [one of Chemistry 12, CHEM 093, or CHEM 110 with a C or better]) or ([one of Anatomy and Physiology 12, Biology 12, or BIO 093 with a C+ or better] and [one of Chemistry 11, Chemistry 12, CHEM 083, CHEM 093, or CHEM 110 with a C or better]).					
14507	ON1 Debbie Wheeler	ONLINE UFV	M	1300	1420	06-JAN-2021	13-APR-2021	36
	Instructional Method - Online with scheduled meeting times							
14508	ON2 Carlos Leon Guevara	ONLINE UFV				06-JAN-2021	13-APR-2021	36
	Instructional Method - Online only. No meeting times							
	This section is supported by SLG. For more information visit - www.ufv.ca/slg							
Choose one of the following labs:								
14501	A#A Patrick Harrison	ONLINE UFV				06-JAN-21	13-APR-21	12
	ABA 337	T	0930	1220	12-JAN-21	12-JAN-21		
	ABA 337	T	0930	1220	26-JAN-21	26-JAN-21		
	ABA 337	T	0930	1220	09-FEB-21	09-FEB-21		
	ABA 337	T	0930	1220	02-MAR-21	02-MAR-21		
	ABA 337	T	0930	1220	30-MAR-21	30-MAR-21		
	ABA 337	T	0930	1220	16-MAR-21	16-MAR-21		
	Instructional Method - Blended; Mix of in-person and on-line							
	This class requires students to attend face-to-face labs on Jan 12, 26, Feb 9, Mar 2, 16, 30.							
	Remaining weeks are online.							
14502	A#B Patrick Harrison	ONLINE UFV				06-JAN-21	13-APR-21	12
	ABA 337	T	1400	1650	12-JAN-21	12-JAN-21		
	ABA 337	T	1400	1650	26-JAN-21	26-JAN-21		
	ABA 337	T	1400	1650	09-FEB-21	09-FEB-21		
	ABA 337	T	1400	1650	02-MAR-21	02-MAR-21		
	ABA 337	T	1400	1650	16-MAR-21	16-MAR-21		
	ABA 337	T	1400	1650	30-MAR-21	30-MAR-21		
	Instructional Method - Blended; Mix of in-person and on-line							
	This class requires students to attend face-to-face labs on Jan 12, 26, Feb 9, Mar 2, 16, 30.							
	Remaining weeks are online.							

- Many science courses require that you register in both a lecture and lab. Lab sections are indicated with a # sign (A#A, A#B, etc) and will be held on campus.
- You must choose a lecture and a lab at the time of registration in order to add the course to your schedule.

Fall 2021 Timetable: Hybrid or Hyflex Courses

Hybrid: Parts of a course are taught face-to-face and parts are taught virtually either synchronously or asynchronously.

Hyflex (Hybrid-Flexible): During a course, students can choose to attend sessions in the classroom, participate online, or do both, depending on student need or preference. The flexibility enables students to change their mode of attendance weekly or by topic.



Course Planning Tools

- For course planning purposes, we have 1-year and 4-year plans available on our Advising Website for all of our majors available in the BSc to assist you with course planning for the Fall semester and beyond.
- There are also flow charts for each major to show how the courses ladder from one to another and links to each discipline department webpages:

<https://www.ufv.ca/advising/program-planning/science/>

Biology 1st Year Plan

FALL SEMESTER	
Course	CR
BIO 111 Introductory Biology I	5
MATH 111 Calculus I	4
CHEM 113 Principles of Chemistry I	5
ENG 105 or CMNS 125 Academic Writing or Communicating Professionally	3
Total Credits 17	
WINTER SEMESTER	
Course	CR
BIO 112 Introductory Biology II	5
MATH 112 or Calculus II	
MATH 118 Calculus II for Life Sciences	4
CHEM 114 Principles of Chemistry II	5
ENG 1xx or CMNS	3
Total Credits 17	

* Sample Plan

High School Upgrading courses

If you are missing a high school level course or did not receive the grade you needed for a course prerequisite, you have the option of taking the equivalent course at UFV.

High School Course	UFV Equivalent Course
Biology 11	BIO 083
Biology 12	BIO 093
Chemistry 11	CHEM 083
Chemistry 12	CHEM 110
Physics 11	PHYS 083
Physics 12	PHYS 093
Pre-Calculus 12	MATH 092/093 or 094/095 or MATH 096
	or MATH 110 (if PC 12 taken w/C or higher grade)

UFV Academic Calendar

Use the UFV Academic Calendar to find information on programs, course descriptions, and general university requirements:
<https://www.ufv.ca/calendar/current/>

The screenshot shows the top navigation bar of the UFV Academic Calendar website. The header includes the university logo and the text "ACADEMIC CALENDAR" with "CURRENT" and "Fall 2021" below it. A secondary navigation bar contains links for "ACADEMIC CALENDAR", "COURSE DESCRIPTIONS", "COURSE FINDER", "COURSE OUTLINES", and "PROGRAM INDEX". Below this is a sub-header "Academic Calendar Fall 2021".

University of the Fraser Valley Calendar

The online academic calendar is the official source for information about courses and programs of study offered at the University of the Fraser Valley. It is also the main source for information on admission requirements, academic regulations, academic standards, and general University policies for both undergraduate and graduate students.

Territorial Acknowledgement

The University of the Fraser Valley is situated on the unceded traditional territory of the Stó:lō peoples. The Stó:lō have an intrinsic relationship with S'ólh Tém:éxw (Our Sacred Land); therefore, we express our gratitude and respect for the honour of living and working in this territory.

Using the calendar

Navigate or search the site using the menu on the right, or see the frequently visited areas listed below:

- Admission information and English language proficiency requirements
- Fees and other costs
- Regulations and policies
- Grading and academic standing information
- Semester dates
- Registration information
- Transfer credit information

On the right side of the page, there is a search bar labeled "Search Academic Calendar" with a magnifying glass icon. Below it are three dropdown menus: "Select Area of Study...", "Select Courses...", and "Select General Information...". At the bottom right, there are four green buttons: "How to Apply", "Request Info", "See an advisor", and "Financial Aid".

What Do I Need for My Courses?

- [Textbook lists](#) are posted three weeks before courses start on the UFV Bookstore website
- Online Learning Toolkit
 - See the [Online Learning System Checklist](#);
 - Use the [IT Services Toolbox](#) for remote learning set up;
 - Access the [Computer Lab remote Access Tool](#); and
 - Watch the [myClass tutorial videos](#)

Online Learning SYSTEM CHECKLIST

In order to connect in-class and get the best experience learning in an online "synchronous-hybrid" classroom environment (Collaborate Ultra), the following is required:

COMPUTER

- Operation System:** Windows 10 or macOS Catalina (10.15)
- Processor:** Intel i5 or AMD Ryzen 5 (or higher)
 - [Check your computer details](#)

BROWSER

- Latest version of **Chrome**
 - [Check your browser version](#)
 - [Download Chrome](#)
 - [Other browsers supported](#)
 - BBCollab Desktop Sharing Chrome Extension**
 - [Add to Chrome](#)
 - Turn off pop-up blockers**
 - [Check your browser compatibility](#)
 - [How to disable pop-up blockers](#)
- More issues with browsers?
[Read other technical requirements](#)

INTERNET

- Fast & stable internet connection:**
 - Local: 100 mbps download & 10 mbps upload
 - [Test Speed \(local servers\)](#)
 - Remote: 50 mbps download & 5mbps upload
 - [Test Speed \(remote servers\)](#)
- More issues with internet connection?
[Read other technical requirements](#)

EQUIPMENT

- USB Headset & Mic:** Microsoft LX-300 or [Logitech H340](#) or better
 - [Test your microphone](#)
 - [Test your sound](#)
- Webcam:** [Logitech C170](#) or better
 - [Test your webcam](#)
- Set headset as default device for speaker and microphone.

BEFORE ONLINE SESSION

- Choose a quiet area with few distractions.
- Check the lighting and make sure you're not sitting in the shadows.
- If using Wi-Fi, ask the other users in your residence to limit heavy internet use during your online class.
- Restart computer & close all other programs.
- If necessary, [clear Chrome's cache](#) & restart browser.

DURING ONLINE SESSION

- Mute your mic and then un-mute it only when you need to talk.
- Only if you're being disconnected then turn off your camera - turn it on when you speak.

Advising Centre Website



What you will find here:

- 1 to 4 year plans with course flowcharts
- Links to department websites (future course offerings)
- Important timelines
- GPA Calculator
- Links to other resources and support services
- Upcoming events
- Book an advising appointment

<https://www.ufv.ca/advising/>

UFV Supports and Resources for Success

- Your **professors** are there to assist you with your courses and they have **office hours** available for extra help.
- [Math & Stats Centre](#)
- [Academic Success Centre](#)
 - **Workshops**
 - **Peer Tutoring**
- [Supported Learning Groups](#)
- [Counselling](#) (Student Services)
 - **Study Skills workshops and resources**
 - **Personal Counseling**
- [Centre for Accessibility](#)
- [Indigenous Student Centre](#)
- [Student Support Centre](#)
- Talk to an **Academic Advisor**





WELCOME TO UFV!

You just had your first advising session!

We know it's a lot of information. For the time being, just start with thinking about the courses you might like to try out this fall.

Your Completion Advisors can always help when you're ready to plan out future semesters.