



Welcome



Hello
my name is

Ann Fox,
Interim Dean of Science



CANADA'S PREMIER UNDERGRADUATE EXPERIENCE



Office of the Dean of Science

- **About the Office: (all information is available on the Website)**

- **WHO WE ARE:**

- **Dean of Science:** **Dr. Ann Fox** 3903
(Interim Dean to December 31, 2019)
- **Assistant to the Dean of Science:** **Sheila MacMillan** 3903
Office: Nicholson Tower, Room 306
Email: smacmill@stfx.ca
- **Associate Dean, Academic Affairs:** **Dr. Cathy MacDonald** 3653
- **Assistant to the Associate Dean:** **Lianne Campbell** 3653
Office: Nicholson Tower, Room 316
Email: ada@stfx.ca



Office of the Dean of Science

- **WHAT WE DO:**

- Support all academic departments and programs in the Faculty of Science
- Support all people; professors, lab instructors, support staff
- Support all students in their academic endeavours



Office of the Dean of Science

• **WHAT WE DO for STUDENTS**

- If you are going to be absent from class for medical/personal reasons, please notify your professor(s). If you are **absent from class for extended time or the scheduled exams in December or April**, please notify the Dean's office.
- If you would like to **take courses at another university** for transfer back to your StFX degree, please complete the Letter of Permission found in mesAMIS.
- If you would like to make an **appointment** to speak to the Dean, please email the assistant to the Dean, Sheila MacMillan to arrange a time.



Office of the Dean of Science

• **About the People in the Faculty of Science**

- Accomplished **scientists** and **practitioners**,
 - providing students with a solid foundation to go on to award-winning research
 - further study and tremendous scientific and professional careers.
- **Award winning teachers** and **support staff** who care for your well-being, your academic and personal growth, and who will provide you with an exceptional academic experience inside and outside of the classroom.
- Provide many opportunities for you students to work side-by-side with your professors.
- **GOAL: “Become Canada’s Leader in engaging undergraduate students in innovative and interdisciplinary research”**



What to do if you have Academic Questions

- **Steps for Academic Advising**

- **Obtain a copy of the Academic Calendar**

(See Registrar's Office web site)

- **Review the sections of the Calendar** that pertain to your degree and program.

- Chapter 7 of the Academic Calendar and

- Chapter 9 sections related to your particular potential majors.

- **Departmental Chairs and Program Coordinators** are excellent resources.



What to do if you have Academic Questions

- **Steps for Academic Advising**

- **Advisors**

- Tyson Ball - Carol Bray - Martin Capstick - Kara Deon - Suzanne Russell
- You find them in Nicholson Tower (3rd Floor, rooms 315 – 321 and in room 362 in the Gerald Schwartz School of Business)

- **When to See an Academic Advisor**

- Finding the right courses for your program
- Decide about your major
- Declare your major (at the end of your first year **March 25th, 2020**)
- Any question related to your academic career

- **To make an appointment for Academic Advising, www.stfx.mywconline.com**
(you can find a link on the Dean's website)



What to do if you have non-academic Questions

- **Student Life Advisors and Health and Counselling Center**

- Located in Bloomfield Student Union Building 3rd and 4th floor

- **Student Life Advisors (3rd and 4th floor SUB)**

- Advisor for Students of African Decent – Kelsey Jones kjones@stfx.ca
- International Student Advisor – Donald Rasmussen drasmuss@stfx.ca
- Gender and Sexual Diversity Advisor – Claydon Goering cgering@stfx.ca
- Knowledge Keeper – Kerry Prosper kprosper@stfx.ca
- Coordinator, Indigenous Student Affairs – Terena Francis tfrancis@stfx.ca
(located in Room 105, Coady Markin Complex)
- Contact information for all the Student Life advisors can be found on the student life web site:
[http://sites.stfx.ca/student life/](http://sites.stfx.ca/student_life/)



• **Health and Counselling Centre (3rd floor SUB)**

- The transition to student life can be challenging. The StFX Health and Counselling Centre is here to support you. Whether a problem is big or small, a personal challenge or a career decision, our counsellors can help. Counselling at StFX is a popular resource. Many students take advantage of the support and guidance that the counselors offer.
- To book an appointment call 867-2263



What to expect in the First Week

- **Classes are starting tomorrow!**

- Textbooks – not a bad idea to go to the X Store after first class (used texts are around, but be aware that some are old editions)
- Several textbooks with guaranteed buy back available now
- **No Labs in the first week**
- Lab Manuals and other lab equipment – go to your first class and they will tell you
- Pay attention to safety protocols in specific locations (e.g., no sandals in labs)
- **Check your schedule daily for the first two weeks of classes**



Important Dates

- **September 10th**
 - last date to change first term or full-year courses
- **October 25th**
 - last date for professors to submit midterm grades
- **November 1st**
 - last date to drop first term 3-credit courses
- **December 5th to 16th - Term examinations**



Important Dates

- **January 13th**
 - last date to drop full-year courses or to change 2nd term courses
- **February 28th**
 - last date for professors to submit midterm grades
- **March 6th**
 - last date to drop 2nd term 3-credit courses
- **March 25th**
 - final date for **BSc** first-year students **to declare majors**
- **April 7th to 21st - Term examination**



Suggestions for First Year Students

- “The future you have been dreaming about starts here. It starts now. Enjoy it!”
- Have the best Academic Student Experience!



Suggestions for First Year Students

- **Read the Academic Calendar**



The 2019-20 Academic Calendar

- Describes the different academic programs
- University Academic Regulations (Section 3)
- Faculty of Science Regulations (Section 7)
- Academic Integrity Policy (Section 3.8)
- Academic Penalties (Section 3.11)
- Available online on the Registrar's website



Suggestions for First Year Students

- Read the Academic Calendar
- **Go to your classes**



Your Classes

- Go to all lectures
- Go prepared
- Read your Course Outline
- Do your assigned readings and homework
- Visit your Instructor before a problem arises



Suggestions for First Year Students

- Read the Academic Calendar
- Go to your classes
- **Budget your time:**
University is a full time job



Typical Weekly Time Commitments



- 15 hours of lectures
- 30 hours study/lecture preparation
- 6 hours labs
- 12 hours lab prep and study
- **TOTAL: 63 hours!**
- about 42 hours/week “free” wakeful time
- about 7-8 hours of sleep a night



Suggestions for First Year Students

- Read the Academic Calendar
- Go to your classes
- Budget your time: University is a full time job
- **Become involved in University Life**



Examples of University Life



- Music, Film and Plays
- Student societies
- Students' Union activities
- Sports (Rec. and Varsity)
- Recreation and outdoor activities
- Debating
- Visiting speakers
- Socials.....



Suggestions for First Year Students

- Read the Academic Calendar
- Go to your classes
- Budget your time: University is a full time job
- Become involved in University Life
- **Locate and use University Services**



University Services



- Centre for Accessible Learning (Tramble Rooms)
- Library: Do the tour/orientation
- Student Success Centre
- Scholarships & Bursaries
- Chaplaincy
- Health and Counselling
- Student Advisors
- Student Career and Coop Centre
- Information Technology Services (ITS)
- International Exchange
- And much more



Suggestions for First Year Students

- Read the Academic Calendar
- Go to your classes
- Budget your time: University is a full time job
- Become involved in University Life
- Locate and use University Services
- **Know when you need help, and ask for it!**



Further advice

- Make your own decisions
- Live your own life
- Forward your own education and career
- Know when you are falling short
- Seek advice from the pros
- Change habits as necessary



Typical Course Patterns and Choices

- Program Requirements
 - At the end of the 1st year, you will be asked to declare a Major: March 25, 2020
 - Meet with an academic advisor to complete a declaration form
 - Think about possible minors
 - Look ahead to see what courses are required in different programs
 - You can find the declaration forms on the Dean of Science website under Student Resources
 - Please note that you can change your major and your program later if you desire to do so



Typical Course Patterns and Choices

- Declaration Forms
- <http://www2.mystfx.ca/dean-of-science/program-declaration-forms>

PROGRAM DECLARATION FORM: FACULTY OF SCIENCE

ST. FRANCIS XAVIER UNIVERSITY

	APPLICATION FOR A	with Minor in	ARTS: <input type="text" value="Select from list"/>
	BSc Major in	Select from list	
Declaration BSc MAJOR	STUDENT INFORMATION:		Student ID Number
	Last Name		SFX Email
	Given Names		
	Alternative Email		
	Applications will be processed after April examinations.		
SCIENCE	MAJOR SUBJECT (SCIENCE A) – 36 CREDITS		
	(1) <input type="checkbox"/>	/	(2) <input type="checkbox"/>
	(3) <input type="checkbox"/>	/	(4) <input type="checkbox"/>
	(5) <input type="checkbox"/>	/	(6) <input type="checkbox"/>
			(If Applicable) Non-credit Seminar(s) <input type="checkbox"/>
	PSC courses are considered SCIENCE courses in the B.Sc. Major program only when used as Science A		
SCIENCE B (Pair) – 12 Credits		SCIENCE C – 6 Credits	
(1) <input type="checkbox"/>	/	(1) <input type="checkbox"/>	/
(2) <input type="checkbox"/>	/		
APPROVED ELECTIVES (normally SCIENCE or MATH, approved by the Chair or Coordinator) – 18 Credits			
(1) <input type="checkbox"/>	/	(2) <input type="checkbox"/>	/
(3) <input type="checkbox"/>	/		
Consult with Chair or Coordinator for further options. If SCIENCE A, PSC, PSC may be added to the list of Approved Electives.			
ARTS	MINOR (ARTS X) – 24 Credits		
	(1) <input type="checkbox"/>	/	(3) <input type="checkbox"/>
	(2) <input type="checkbox"/>	/	(4) <input type="checkbox"/>
ARTS Y – 6 Credits			
(1) <input type="checkbox"/>	/		
OPEN	OPEN ELECTIVES – 18 Credits		
	(1) <input type="checkbox"/>	/	(2) <input type="checkbox"/>
(3) <input type="checkbox"/>	/		
Departmental/Program Approval			
Signature of Chair of Major Department or Coordinator of Program			
Date			
Faculty Approval			
Averages		Freshman Year	Sophomore Year
		Junior Year	
Notes:			APPROVED
			NOT APPROVED
Signature of Dean			
Date			
May 2013			

Note 1 OF SCIENCE A, B and C, one must be mathematics/statistics/computer science, and six credits from this department must be calculus. In the B.Sc. Advanced Major in Science with Business, either science A or B must be mathematics/statistics/computer science, and must include six credits of calculus.
 Note 2 With permission of the major department(s), courses from other science departments may be used to satisfy major, advanced major or honours requirements: up to 6 credits for the major; up to 12 credits for the advanced major; up to 18 credits for the honours.
 Note 3 Students may use up to 30 credits of courses from professional programs (business administration, information systems, engineering, human kinetics, human nutrition, nursing) as OPEN or APPROVED ELECTIVES.
 Note 4 SCIENCE A, B and C must each be from different departments.



Typical Course Patterns and Choices

- **Sciences**

- Biology, Chemistry, Computer Science, Earth Sciences, Mathematics/Statistics, Physics, Aquatic Resources
- Psychology and Economics (only if you major in one of these or as joint honours)

- **First year Program options**

- A) – Calculus, 2 Sciences, 2 Arts
- B) – Calculus, 3 Sciences, 1 Arts
- If 3 sciences, don't forget about the lab commitments



Typical Course Patterns and Choices

• Nursing

- Pattern completely prescribed
- Note: 1st year courses are non-nursing courses
 - A) Anatomy & Physiology, Microbes in Human Biology, Statistics, English (average of 65%)
 - B) Chemistry, Nutrition, Psychology, Ethics, and 3 credits humanities or social sciences

• Human Nutrition

- Some required courses,
- With a fifth year of study for the Integrated Dietetic Internship



Typical Course Patterns and Choices

- **Human Kinetics**

- Some required courses
- Some choice in Science and Arts (BSc or BA option)
- Kinesiology and Education Major options
 - With several Minor options (e.g., Health Sciences or Nutrition)
- Options for a dual degree involving Human Nutrition and Engineering



Typical Course Patterns and Choices

• Engineering

- Pattern almost completely prescribed with 6 courses per term
- Choice in deciding Writing course

• BSc with Engineering

- Possible to **combine both a BSc** in Physics, Chemistry, Mathematics, Earth Sciences, Computer Science, and Biology with the **Engineering Diploma** within four years



Typical Course Patterns and Choices

Bachelor of Arts and Science in Health

- First year courses
 - Biology and Chemistry
 - Sociology and Psychology
 - Health
- Second year Program Concentrations
 - A) – Biomedical Approach to Health
 - B) – Social Determinants and Health Equity
- Health Humanities



Typical Course Patterns and Choices

Bachelor of Arts and Science in Climate and Environment

- First year courses
 - Biology, Economics, Sociology
 - Selection of courses in Computer Science or Mathematics, Chemistry or Physics, Political Sciences or PGOV
 - Climate and Environment
- Second year Program Concentrations
 - A) – Climate
 - B) – Environment
- Humanities



Typical Course Patterns and Choices

- **Choices**

- Choose something you like, and choose something that is new to you.
- Broaden your education.
 - For example, Computer Science or Earth Sciences is something that you may not have had in High-School

- **Program Requirements**

- In many programs you have to complete an Arts pair.
- In some programs, there is a restriction on Social Sciences or Humanities
- In the BSc programs you have the option of Arts or Sciences minors
- Read your Calendar for details
- Ask the Chair or an Academic Advisor



Student Success

- Encountering problems with courses ...
 - Visit the new Student Success Centre in the Library
 - <http://sites.stfx.ca/ssc/>
- Having Trouble in Calculus or other Math or Stats Courses ...
 - Visit the Math and Stats Learning Center
 - Located in **Annex, Room 8A** (building on Side hill)
 - **Free tutoring** in intro level courses will be given to individuals or groups at specific times.
 - http://sites.stfx.ca/mscs/learning_center



Quick Introductions

Chair of Biology:

Dr. Moira Galway

Chair of Chemistry:

Dr. Manuel Aquino

Chair of Computer Science:

Dr. Iker Gondra

Chair of Earth Sciences:

Dr. Hugo Beltrami

Chair of Mathematics and Statistics:

Dr. Stephen Finbow

Chair of Physics:

Dr. Peter Marzlin



Quick Introductions

Coordinator of Aquatic Resources:

Dr. David Garbary

Coordinator of Climate and Environment:

Dr. Patrick Withey

Coordinator of Health:

Dr. Dan Kane

Chair of Human Kinetics:

Dr. Charlene Weaving

Chair of Human Nutrition:

Dr. Jen Jamieson (Interim)

Assistant Director, Rankin School of Nursing:

Dr. Debbie Shepard-LeMoine

