

DISCOVER MCGILL 2018

Faculty of Science
B.A. & Sc. Degree Orientation

Tania Raggo

B.A. & Sc. Advisor, SOUSA



Professor Bruce Lennox

Dean, Faculty of Science



Professor Derek Ruths

Director of the BA & Sc

HANDY TOOLS

The McGill E-Mail Account...

- ▶ Is the official email account that Faculty and Staff use to correspond with students
- ▶ Can still be your email address after you graduate
- ▶ Is configured as:
firstname.lastname@mail.mcgill.ca
- ▶ Should be checked regularly for important information from the University
- ▶ Is the main source of contact between you and your advisor.
- ▶ Service Desk: 514-398-3398

SOUSA: ADVISING

What is SOUSA?

Science
Office for
Undergraduate
Student
Advising

- ▶ We provide Faculty level academic advising.
- ▶ You have each been assigned a SOUSA advisor.
- ▶ Main information and referral source for anything related to your academics.

www.mcgill.ca/science/student

DAWSON HALL
853 SHERBROOKE ST West
Room 405



What is Academic Advising?

- A collaborative relationship between a student and an academic advisor.
- To help you to develop meaningful educational goals that are consistent with your personal interests, values and abilities
- We want to help you make the most of your time at McGill
- **SOUSA**: The Science Office for Undergraduate Student Advising
- Located in Dawson Hall fourth floor

www.mcgill.ca/science/student

What do Academic Advisors do?


- program and course selection
- course registration
- Deadlines
- credit load
- Research opportunities
- Internship opportunities
- Study away and Exchange opportunities
- Career and graduate school options
- managing academic situations during difficult periods.
- They provide referrals to the many other offices dedicated to assisting students at McGill.

Your SOUSA TEAM!

- ▶ Tania Raggo (Academic Adviser)
- ▶ Ryan Bouma (Interdisciplinary Programs Advisor)
- ▶ Joan Kaylor (Administrative coordinator)
- ▶ Iza Bryniarska (Administrative coordinator)

www.mcgill.ca/science/student

Professor Derek Ruths BA & Sc Director

 **McGill**
Student Advising Transcript - Unofficial

² A diamond appears beside a course number to indicate a multi-term course.
* An asterisk appears next to the credit value of courses not counted in the total credits earned.

Remarks column:
I - Course is **included** in credits and **included** in the GPA.
E - Course is **excluded** from credits and **excluded** from the GPA.
A - Course is **excluded** from credits and **included** in the GPA.
Please click [help](#) for more transcript information.

Student Name:
McGill ID:
Permanent Code:
Email Address:
Advisor(s): Barry, Peter J

Subject	Number	Title	Cr. / C.E.U.	Grade	Remarks	Earned	Class Avg.
PREVIOUS EDUCATION							
Quebec CEGEP							
Credits Required for B Arts and Science - 120 credits							
Fall 2015							
Bachelor of Arts and Science							
Full-time Year 1							
Interfaculty Program Cognitive Science							
Minor Concentration History							
Credits/Exemptions							
From: Vanier College - 30 credits							
CHEM 212							
MATH 133							
	AAAA 100	001 Academic Integrity Tutorial	0	CO			
	BASC 201	001 Arts & Sci Integrative Topics	3	A		3	A
	COMP 230	001 Logic and Computability	3	B+		3	B
	HIST 214	001 Intro to European History	3	B+		3	B+
	ITAL 210D1 ¹	001 Elementary Italian	3	A		3	
	PSYC 211	001 Intro Behavioural Neuroscience	3	A		3	B
	Advanced Standing		Alt Cr	Earned Cr	GPA Cr	Points	
TERM GPA:	3.72	& Transfer Credits: 30.00	TERM TOTALS: 15.00	15.00	15.00	55.00	
CUM GPA:	3.72	TOTAL CREDITS: 45.00	CUM TOTALS: 15.00	15.00	15.00	55.00	

B.A.&Sc. Orientation Booklet

<http://www.mcgill.ca/science/student/newstudents>

- ▶ Important info on what you should be doing right now:
- ▶ To-do lists by student type (CEGEP, IB, FB, etc.)
- ▶ Important Dates
- ▶ Resources
- ▶ FAQs

Departmental Advising

- ▶ You will also have a departmental or program adviser.
- ▶ Once you declare a program, you must consult the departmental adviser for approval of your course selection.
- ▶ Departmental advisers also assist students in realistic and meaningful program planning.
- ▶ Departmental advisers are responsible for the programs administered by their departments.

Advising Activities this week....

August 29th, 30th and 31st

Departmental Program Orientation Sessions

https://www.mcgill.ca/science/files/science/sciorient_2018_revised_1.pdf

FACULTY OF SCIENCE - Program Orientation Session 2018-2019 for newly admitted students
August 27th, August 29th, and August 30th

SCIENCE DEPT/PROGRAM	DEPT/PROGRAM LOCATION	Phone (514) 398-	ORIENTATION SESSION
Anatomy and Cell Biology	Strathcona Anatomy & Dentistry Building, Room 6350	6350	August 29, Strathcona Anatomy & Dentistry Building, at 10:00 a.m., SADB Room 1/12. For U1 students (U0 also welcome).
Atmospheric & Oceanic Science	Burnside Hall, Room 945	3764	Sept. 4, Burnside Hall, Room 812, at 4-5 p.m. For both U0 and U1 students.
Biochemistry	McIntyre Medical Sciences Building, Room 905	2423	August 30, McIntyre Medical Science Building, Room 1034, at 1:00 p.m. For U1 students (U0 students are welcome).
Biology	Stewart Biology Building, Room W413	4109	August 29, Stewart Biological Science Building, Room N2/2, 2:00 – 4:00 p.m. For U1 students; U0 also welcome.
Chemistry	Otto Maass Chemistry Building, Room 322	5536	August 29, Otto Maass, Room 217, at 1:00 p.m. For U1 Chemistry students.
Cognitive Science	Ryan Bouma, Dawson Hall, Room 405	7330	August 29, 11:30 a.m., Arts Building, Room 260.
Computer Science	Lorne M. Trotter Building, Room 2060	7071 ext. 00739	August 30, 1:00 to 3:30, McConnell Engineering Building, Room 12. For both U0 and U1 students.
Earth & Planetary Sciences	Frank Dawson Adams Building, Room 238	4402	September 5, Frank Dawson Adams Building, Room 211, at 10:30a.m. For both U0 and U1 students.
Earth System Science	Frank Dawson Adams Building, Room 238	2596	September 5, Frank Dawson Adams Building, Room 211, at 11:00a.m. For both U0 and U1 students.
Environment	McGill School of Environment, 3534 University	4306	September 5, MSE Bldg, 3534 University St., Main Floor Conference Room, 1:30-2:30pm. For both U0 and U1 students.
Geography	Burnside Hall, Room 705	4951	September 4, Burnside Hall, Room 426, from 11:30a.m.-12:30 p.m. For both U0 and U1 students.

DEFINITIONS

- ▶ Degree: Bachelor of Arts & Science
 - an award conferred by a college or university signifying that the recipient has satisfactorily completed a course of study. Consists of one or more programs and elective credits.
 - 120 credits
- ▶ Program: Freshman program, major concentration, minor concentration, joint honours, Interfaculty, etc...
 - A course of academic study; a curriculum. Consists of Required and Complementary courses.
- ▶ Faculty: Science
 - A division or comprehensive branch of learning at a college or university - generally the name of your degree, but not always.
- ▶ Department/School
 - division of a school or college dealing with a particular field of knowledge- generally the name of your program.

- ▶ Required Course
 - Mandatory course that must be completed to fulfill the requirements of a program
- ▶ Complementary Course
 - Course selected from a restricted list, a particular subject area, or a discipline, used to meet program requirements
- ▶ Elective Course
 - Course which contributes to the overall degree (120 credits) but does not count toward the fulfillment of a specific program. Some restrictions may apply, but students have the most choice in selecting elective courses.

Course Change Period

- ▶ Period during which you may add or drop courses with no financial repercussions. These changes will not be reflected on your transcript.
- ▶ Deadline for fall courses : September 18, 2018

Course Withdrawal

- ▶ You may still “drop” a course after the course change period - there are two further deadlines:
 - Withdrawal with refund - September 26th
 - Withdrawal without refund - October 31st
- ▶ You will receive a grade of “W” for the course
- ▶ This is not calculated into your CGPA
- ▶ A “W” does not indicate any thing bad!!! (provided there aren't a billion of them...)
- ▶ Normally you cannot withdraw from a course after the final deadline, unless there are exceptional, documented reasons for the request.

POLICIES, RULES & INFORMATION

The S/U grading option

- “Satisfactory/unsatisfactory”
- Use on electives only
- Maximum of 10% of your total McGill credits
- Select this during the course change period
- Not available to U0 students

- Be sure to double check when selecting or deselecting this grading option because after the course change deadline **You will not be able to switch it again, for any reason.**

What is a normal Course Load?

- ▶ Four to five courses or 12 to 15 credits per term.
- ▶ Professional programs (medicine, law, dentistry) normally prefer a 30 credit course load and five courses per term.
- ▶ If you work or participate in varsity sports you may need to reduce your load.
- ▶ Important for scholarship eligibility.

Courses in Faculties outside of Arts and Science

- ▶ Maximum of 12 credits

Final Exams

- ▶ The final exam schedule will be posted on Minerva in October
- ▶ DO NOT book travel before the exam schedule is released.
- ▶ "Vacation plans do not constitute grounds for the deferral or re-scheduling of final exams"

www.mcgill.ca/students/exams/

Deferring Final Exams

- ▶ If you are unable to write a final exam due to illness or another serious reason,
- ▶ Apply online (MINERVA) for a deferral
- ▶ Must provide documentation
- ▶ Decision is made by Service Point, **not** the professor
- ▶ Assuming your request is approved, you will be permitted to write it during the next deferred exam period (Normally three months later)

www.mcgill.ca/students/exams/supdefer/

Deferring Midterms and assignments:

If, due to illness or another serious reason, you cannot write a midterm exam or test:

- ▶ Speak to Professor regarding options: It will be either a make-up exam or reweighting of course assignments, as indicated on syllabus.
- ▶ If reweighting, final exam cannot be made worth more than 75% of your final grade unless you so choose.
- ▶ Method of accommodation is decided by professor, and is non-negotiable.
- ▶ You must provide documentation
- ▶ Decision is made by Professor

Requesting extensions for assignments:

If, due to illness or another serious reason, you cannot submit an assignment on time:

- ▶ Ask professor for extension
- ▶ If approved extension goes beyond last day of class, you will receive a temporary grade of "K" (incomplete)
- ▶ You must provide documentation
- ▶ Decision is made by Professor

Doing extra work to raise your grade?

Unless otherwise indicated on the course syllabus, the professor is NOT allowed to give you extra work, not to let you rewrite or re-submit any assignments in order to raise your course grade.

There are no exceptions to this rule.

Are there any rules or procedures you haven't mentioned?

- Probably....
- You must read the "University Regulations and General Information" and "About the Faculty of Science (Undergraduate)" sections of the online calendar in order to ensure that you are familiar with all of the regulations and procedures pertaining to your degree.
- Links to the relevant sections can be found in the *Welcome to the BA&Sc Booklet*.

Bachelor of Arts and Science: Two options for program types

1. Two Major Concentrations (one Science + one Arts)
 - or Two Joint Honours (one Science+ one Arts)
2. One IFP + one Minor (Arts or Science)

You must also take:

- **BASC 201 *Arts & Science Integrative Topics***
(required course, recommended for U1, but definitely needed to GRADUATE!)

Bachelor of Arts and Science: Multi-track Programs

- **36 credit Science Program + 36 credit Arts Program**
 - major concentration Arts + major concentration Science
 - Joint Honours component Arts + Joint Honours component Science
(only PSYC and MATH in Science)
- **BASC 201 *Arts & Science Integrative Topics***
 - Required for your degree!
 - Recommended that you take this in U1
- May only register for programs listed in the BA&Sc section of the Undergraduate Calendar

Bachelor of Arts and Science: Interfaculty Programs

- 54-credit program which combine courses from both Arts and Science
 - Environment
 - Cognitive Science
 - Sustainability, Science and Society
- 60-credit Honours programs are also available
- **BASC 201 *Arts & Science Integrative Topics***
 - Required for your degree!
 - Recommended that you take this in U1
- Interfaculty and Honours programs must be combined with an 18-credit minor in either Arts or Science.
- Must have 21 credits of Arts courses and 21 credits of Science courses within the interfaculty or honours and minor programs.

What if you change your mind?

- ▶ Your adviser can help you determine if your current program suits your academic needs based on your interests, abilities, and future goals.
- ▶ Your adviser will ask you questions about your experience at McGill and work with you to determine whether or not you have to change your plan.

B.A. & Sc. FRESHMAN PROGRAM

Your Freshman Program

- ▶ Has two components:
- ▶ Science
 - 2 MATH courses
 - 3 Science courses
- ▶ Arts
 - 3 Arts courses in 2 areas:
Humanities
Social Sciences
Languages

Your Freshman Program (2)

► Math course options:

- MATH 133 Linear Algebra and Geometry
- MATH 134 Enriched Linear Algebra and Geometry

- MATH 139 Calculus
- MATH 140 Calculus 1
- MATH 150 Calculus A

- MATH 141 Calculus 2
- MATH 151 Calculus B

Your Freshman Program (3)

► Foundational Science course options: (at least one of these)

- BIOL 111 Organismal Biology
- BIOL 112 Cell and Molecular Biology
- CHEM 110 General Chemistry 1
- CHEM 120 General Chemistry 2

- PHYS 101 Intro Physics - Mechanics
- PHYS 131 Mechanics and Waves

- PHYS 102 Intro Physics - Electromagnetism
- PHYS 142 Electromagnetism and Optics

Your Freshman Program (4)

► Complementary Science course options:
(up to two of these)

- COMP 202 Intro to Computing 1
- ESYS 104 The Earth System
- PSYC 100 Intro to Psychology

www.mcgill.ca/science/student/newstudents/u0/bascfreshman/requirements/

Your Freshman Program (5)

► Program Specific advice

Keep scrolling down on the Freshman Program Requirements page on the SOUSA website.

www.mcgill.ca/science/student/newstudents/u0/bascfreshman/requirements/

ADVANCED STANDING

Can I choose NOT to declare my advanced standing or transfer credits?

- ▶ NO.
- ▶ At McGill, you are required to report all of your advanced standing credits.
- ▶ Reason : Equity.

ADVANCED STANDING (1)

- www.mcgill.ca/students/transfercredit
- Credits granted due to previous education
 - International Baccalaureate (IB)
 - French Baccalaureate
 - European Baccalaureate
 - Advanced Level Exams (A-Levels)
 - Advanced Placement Exams (APs)
- Appear on your transcript
- Count towards your 120 credits
- Can satisfy prerequisites and Freshman Program requirements
- If you have advanced standing for a course, you cannot repeat that course for credit at McGill
- If unsure, ask an advisor.

ADVANCED STANDING (2)

- What is the difference between U0 and U1?
 - based on the number of advanced standing credits granted
 - U0 - Less than 24 credits of advanced standing
 - U1 - 24 or more credits of advanced standing
 - U0/U1 is unrelated to the freshman program
 - You could be admitted to U1 and still have to complete the freshman program
- What's REALLY important is:
 - How many credits do you need to complete for your degree? (120 total!)
 - Are your *freshman program* requirements met?

NIFTY THINGS
Available to B.A.&Sc. students

Science Internship Program

- Paid, full-time work term in a field related to your studies.
- From 4 to 16 months in duration
- Allows you to apply theory to practice
- Increases job prospects after graduation
- Science Internship Officer: Martine Dolmière

www.mcgill.ca/science/programs/internships

Arts Internships



Internship Program *Faculty of Arts*

Opportunities in Montreal and around the globe.

Room 307, Leacock Building

www.mcgill.ca/arts-internships

Field Study Opportunities

- Put theory into practice through local, regional, and international programs and courses.
- Provide practical experience and a chance to integrate and apply knowledge gained in the classroom.
- Semester-long programs in:
 - Africa
 - Barbados
 - Panama
 - Arctic
- Various shorter field courses also available
- Martine Dolmière;
www.mcgill.ca/science/programs/field

Office for Undergraduate Research in Science

- ▶ Research is the cornerstone of an undergraduate education.
- ▶ Office for Undergraduate Research
 - Independent Research Courses
 - Summer research fellowships
 - Research assistantships, paid or volunteer
 - DMURL *Dean's multidisciplinary undergraduate research list*
- ▶ Science Research Officer: Victor Chisholm

www.mcgill.ca/science/research/ours/

Opportunities to Study Away

- ▶ Ideal time to go is in U2
- ▶ Exchanges: Must apply by the end of the fall term, U1
- ▶ Visiting Student: Arranged on your own; pay host university fees.
 - Application deadlines set by host university, usually in the winter term, or later.
- ▶ A great way to travel, meet other students, and see how courses from your program are taught in a different environment
- ▶ Contact: Tania Raggo tania.raggo@mcgill.ca

www.mcgill.ca/science/student/general/studyaway/

GENERAL ADVICE

REGISTRATION ADVICE

- ▶ Register for both terms now
- ▶ If a course has a lab component, also register for a lab.
- ▶ Schedule your required courses for your program first, then fit elective and complementary courses into your schedule.
- ▶ If a *required* course is full, keep trying for a couple of weeks. If nothing opens up, contact the departmental advisor by email.
- ▶ If an elective or complementary course is full, try another course.
- ▶ Just because MINERVA lets you register does not automatically mean you will get credit for a course. If in doubt, ask advisor.

General Academic Advice

- ▶ Students are sometimes surprised by how challenging the midterm exams can be.
 - Keep up with the course work as much as possible; you will find that the independent studying required is quite different from high school or CEGEP.
 - Start studying early, as you may have many exams in a short time period.
 - If you are having difficulty in a course, see the professor or teaching assistant early; don't wait.

General Academic advice

- ▶ “Everyone else seems to be managing fine, what’s wrong with me?”
 - Advisors hear this fairly frequently
 - So if you are having trouble managing, you are definitely not alone. Everyone else probably thinks you’re doing fine.....
- ▶ If you feel overwhelmed, **tell someone.**
 - Talk to your advisor, either in SOUSA or in the department.
 - Talk to your professor or Teaching Assistant
 - Attend McGill workshops for time management, stress management and study skills
 - Individual and group counselling and tutoring services are also available

Dates and Deadlines

- ▶ Classes begin Tuesday **September 4th**
- ▶ Course change period - ends **September 18th**.
Deadline to drop courses, select s/u option.
- ▶ Withdrawal with refund deadline - **September 25th**.
Deadline to web withdraw from a course with a refund.
- ▶ Withdrawal deadline - **October 30th**. Deadline to withdraw from a course with no refund.

ACADEMIC INTEGRITY

ACADEMIC INTEGRITY

" The integrity of University academic life and of the degrees the University confers is dependent upon the honesty and soundness of the teacher-student learning relationship and, as well, of the evaluation process. Conduct by any member of the University community that adversely affects this relationship or this process must, therefore, be considered a serious offence."

(Handbook on Student Rights and Responsibilities, Ch.6, Section III Introduction; 2009)

ACADEMIC INTEGRITY

McGill University values academic integrity. Therefore all students must understand the meaning and consequences of cheating, plagiarism and other academic offences under the Code of Student Conduct and Disciplinary Procedures".

– Senate resolution, January 29, 2003

www.mcgill.ca/students/srr/honest

ACADEMIC INTEGRITY

- ▶ Mandatory Academic Integrity online tutorial for all newly admitted students.

- ▶ *AAAA 100 Academic Integrity Tutorial*
 - *(0 credits)*

What if you encounter difficulties?

- See your SOUSA or Departmental Adviser if you:
 - Are having difficulty managing your time and meeting deadlines
 - Have fallen behind in your studies, and are feeling overwhelmed
 - Are not getting the grades you expected
 - Are unhappy with your course or program choice
 - Become ill, or experience difficulties in your personal life that are interfering with your academic performance
 - Are having Financial difficulties

Student Services

- *Career Planning Services*
- *Counselling Services*
- *Office of Religious & Spiritual Life*
- *International Student's Services*
- *Campus Life & Engagement*
- *Health Services*
- *Mental Health Services*
- *Off Campus Housing*
- *Tutoring Services*
- *Dean of Students Office*
- *Scholarships and Student Aid*
- *First People's House*
- *Office of Students with Disabilities*



**soup
& science**

 **McGill**
Faculty of Science
Office for Undergraduate
Research in Science

Learn about cutting-edge research
over lunch with cool profs

September 17-21, 2018
11:30 AM
Redpath Museum

More information:
www.mcgill.ca/science

The advertisement features three Erlenmeyer flasks filled with a dark liquid, each with a small white label that says "Soup". The background is white with faint geometric lines.

**ACTIVITIES
NIGHT**

**SEP 11-12
4-8 PM**

Tomlinson Fieldhouse
475 Pine Avenue W.

 @SSMUCS

[#AN2018](#)



What to do now?....

1. **Right now:** Attend our Science program fair - departmental advisors are here to answer your questions in the Field House.
2. **Wednesday to Friday:** See me between 10:00 am - 3:30 pm in:
 - ▶ [Dawson Hall, room 405](#)
3. **Tuesday September 4:** Classes start
SOUSA advisors will be in Dawson Hall, 4th floor, 10:00-4:00 pm drop-in only until Sept. 18.
www.mcgill.ca/science/student