

# **ENVIRONMENTAL BIOLOGY**

**B.Sc. (Ag. Env. Sc.)  
Faculty of Agricultural and  
Environmental Sciences  
McGill University,  
Macdonald Campus**

**PROGRAM HANDBOOK  
2012-2013 Academic Year**



Congratulations!

You have selected an exciting academic program at McGill University's Macdonald Campus.

The Major in Environmental Biology offers a vibrant learning experience by using the unique setting of the Macdonald Campus, one of the largest green spaces on the Island of Montreal. In this environment, you will receive extensive field training in the diversity, biology, conservation and ecology of a broad range of organisms, from plants, birds and mammals, to insects, fungi and microbes. This major is about ecosystems, the species in these ecosystems, how plants and animals adapt to changing environments and how humans fit into the picture. In essence, this Major combines outdoor learning and faculty expertise in a first-rate suburban/rural environment, preparing graduating students well for careers as ecologists, wildlife biologists, zoologists, botanists, field biologists, ecosystem scientists, or as environmental consultants.

This handbook will provide you with the 'essentials' as you move through your degree, and will hopefully save you a lot of time and frustration! Please read this handbook carefully and keep it for future reference, since most answers to your questions will likely be here, or found in the Resources section (Page 18). The latter section will link you to many important websites and/or people. The FAQ section on Pages 15-17 will also prove helpful to you as you move through your degree in Environmental Biology. Since course offerings change, make sure you have all of the most current information by checking Minerva and meeting with your advisor regularly.

I wish you the best of luck as you embark on a successful academic career at McGill University.

Julie Major, agr., Ph.D.

*Academic Advisor – B.Sc. (Ag.Env.Sc.)*

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## **PROGRAM OVERVIEW AND PROGRAM STRUCTURE**

Here are some important points about your degree and its requirements, and **it is entirely your responsibility to fulfill these requirements:**

- You need to determine how many credits **you** need to complete all your degree requirements; this differs depending on your background, but most students coming from the Québec education system require 90 credits. If you are required to complete a Freshman Year (U0), you typically need 120 credits. Regardless, this number will be on the letter of acceptance that was sent to you from McGill. Any advanced standing will be on your transcript at the beginning of the academic year.
- To get a McGill degree you need **at least 60 credits being awarded from McGill courses**
- A rule specific to our Faculty states that 2/3 of the credits required when you begin your B.Sc. (Ag. Env. Sc.) **must be taken on the Macdonald Campus**. This means 60 credits if you enter from a science DEC in CEGEP, or 2/3 of the credits remaining for your degree if you are given credit for other previous studies.
- **McGill has a 'C' minimum policy:** you must get higher than 'D' in your pre-requisite, required and complementary courses. If you get a 'D' grade in such courses, you will need to take the course again and obtain a higher grade in order to make the course count towards your degree requirements. In the case of a complementary course, if you get a 'D' grade you can either take the course again or chose another from the list. Courses with a grade of 'D' which are not re-taken count as electives.
- You require at least 12 credits at or above the 400-level. You can tell the level of a course by the first digit of the course number.
- If you retake a course in which you obtained an F initially, the F grade will continue to affect your GPA. If you retake a course in which you obtained a D or higher initially, the same as the above applies, BUT NOTE THAT YOU CAN RECEIVE CREDIT FOR THE COURSE ONLY ONCE. You must be especially mindful of this if you retake the course under a different code (e.g., get a D in FDSC 230 and get C or better in CHEM 212, these two being equivalent courses). Minerva will give credit for both courses until someone manually alters the student's record. Students have been prevented from graduating because they banked on receiving credit twice for a course they re-took.
- To get your degree in the Environmental Biology Program you must take the requirements for your Major (**42 credits**) and the requirements for at least one Specialization (**24 credits**). If you take the number of credits you need for your degree, and subtract these 66 credits, the remaining credits are called '**electives**': these are any other courses at McGill University or elsewhere, which qualify and for which you obtain a grade of C or higher. Consult with your advisor BEFORE taking courses outside McGill, and also before taking Continuing Education courses at McGill.

**Environmental Biology:** The Major in Environmental Biology consists of 30 **required** credits (i.e., 10 courses since most courses at McGill are 3 credits each). Required courses form the scientific foundations of your program along with 12 credits (about 4 courses) from a list of **complementary** courses. Complementary courses can be taken any time, and the list of courses

represents different facets of Environmental Biology. If you are not sure about when to take which course, as a general rule of thumb, 200-level courses (beginning with '2') are typically done in U1, 300-level courses are typically for U2 students, and 400-level courses are typically designed for your final year of study.

**Specializations:** These are sets of courses in one particular discipline that form a total of 24-credits, and allow you to become a specialist in that topic. For example, you may be interested in disciplines such as **Applied Ecology, Plant Biology, or Wildlife Biology**. You do not need to declare your Specialization until the end of your first year (U1).

NOTE: When you graduate, your Major and Specialization(s) **MUST** have appeared on your University transcript for at least the last two consecutive semesters (a Québec Ministry of Education rule). **THEREFORE**, by the end of your penultimate year your **MUST** have declared and fixed upon your Major and Specialization(s). To select a Specialization, fill out the appropriate form found at <http://www.mcgill.ca/macdonald/studentinfo/undergrads/forms> or in Dr. Major's office. You will need Dr. Major's signature.

Most students take five courses per term, but some choose to take four for a variety of reasons including language difficulties or other complications associated with carrying a full course load. The overall program can be completed in three years if a full course load (i.e., 15 credits) is taken each term. You must take a minimum of 27 credits/year to be eligible for scholarships, and you are considered to be a full-time student when you take at least 12 credits during a semester.

**Advisor, Program Director and Specialization Coordinators:** during the course of your degree, your academic advisor, Dr. Julie Major, will help you with course selection and provide you with general guidance and advice. It is recommended that you meet with Dr. Major regularly throughout your time at McGill, to ensure that you are on the right track to achieving your goals in the timeframe that you expect. When special needs arise such as obtaining equivalences for courses taken elsewhere, or transferring credits, you must meet with Dr. Major to update your records in a timely manner and avoid unpleasant surprises at your expected time of graduation. For mentoring and questions relating to course and program content, you should contact the program director for Environmental Biology (Prof. Chris Buddle) and/or your 'Specialization Coordinator' (see the Resources section).

## ENVIRONMENTAL BIOLOGY MAJOR (42 CREDITS)

**\*\*\*NOTE\*\*\*** Information about courses was accurate at the time this handbook was updated (i.e. for the 2012-2013 academic year). Changes to course offerings may occur in later years. Consult with Dr. Major and/or Minerva for the most up-to-date information.

The tables below include some suggestions about when you should take courses which are required for the Major in Environmental Biology, and Specializations (for students entering in Fall 12). You are strongly advised to follow these sequences of courses to ensure you do not run into problems! When timing suggestions are followed by an asterisk (\*), courses are scheduled not to conflict with each other in the given semester. If you do not follow suggestions of when to take required courses, you may run into serious scheduling issues. You may have additional requirements (e.g., missing Freshman courses) – you are urged to complete these as early as possible in your program – avoid leaving them to the end.

Required (30 credits, 10 courses)

Course code	Course name	Credits	Semester offered	Pre-requisites	Suggested timing
AEBI 210	Organisms 1	3	Fall		U1 Fall*
AEBI 211	Organisms 2	3	Winter		U1 Winter*
AEBI 212	Evolution and Phylogeny	3	Winter		U1 Winter*
AEHM 205	Science Literacy	3	Fall and Winter		U1 Winter*
AEMA 310	Statistical Methods 1	3	Fall and Winter		U2 Fall*
ENVB 210	The Biophysical Environment	3	Fall		U1 Fall*
ENVB 222	St. Lawrence Ecosystems	3	Fall		U1 Fall*
ENVB 410	Ecosystem Ecology	3	Fall	ENVB 222, AEMA 310 or permission of instructor	U3 Fall*
LSCI 204	Genetics	3	Winter	LSCI 211 (pre- or co-req)	U1 Winter*
LSCI 211	Biochemistry 1*	3	Fall and Winter	FDSC 230 (pre- or co-req)	U1 Fall*

\* If you have not already taken **Organic Chemistry**, you will need to take it (FDSC 230) in your first semester at Macdonald. It is a pre- or co-requisite to Biochemistry 1.

Complementary Courses (choose 12 credits):

Course code	Course name	Credits	Semester offered	Pre-requisites	Suggested timing
ENTO 340	Field Entomology	3	Fall		
ENVB 301	Meteorology	3	Fall		Fall U1*
ENVB 305	Population & Community Ecology	3	Winter		Winter U1*
ENVB 313	Phylogeny and Biogeography	3	Even-numbered Falls	AEBI 212 or WILD 212	
ENVB 315	Science of Inland Waters	3	Odd-numbered Falls		
ENVB 430	GIS for Natural Resource Management	3	Fall		
ENVB 437	Assessing Environmental Impact	3	Winter		
ENVB 506	Quantitative Methods: Ecology	3	Winter	AEMA 310 and ENVB 305 or permission of instructor	
ENVR 203	Knowledge, Ethics and Environment	3	Fall and Winter		
LSCI 230	Introductory Microbiology	3	Winter		
MICR 331	Microbial Ecology	3	Winter		
PLNT 304	Biology of Fungi	3	Winter		
PLNT 358	Flowering Plant Diversity	3	Fall	AEBI 210 or ENVR 202 or permission of instructor	
SOIL 300	Geosystems	3	Winter	U2 and above	
SOIL 326	Soils in a Changing Environment	3	Fall	A previous course in soil science, geography, geology or permission of instructor	
WILD 307	Natural History of Vertebrates	3	Fall		

## **SPECIALIZATIONS**

There are many potential Specializations to take at the Macdonald Campus, and below are listed some details for a few of these, notably ones that fit well with the Major in Environmental Biology; you are not restricted to these Specializations, but these tend to be the most popular, and the ones that are designed to work effectively with the program. You should refer to the McGill University official course calendar for all the specifics (see the Resources section for the link). The scheduling suggestions below only include required classes for each specialization, it is your responsibility to plan and build schedules to fulfill all program requirements in your desired time frame. Your advisor can help if you have questions or run into problems. It is a good idea to check your progress regularly with your advisor.

### **Applied Ecology (24 credits)**

Food, water, air, the materials we use, and much of the diversity of life and recreation we enjoy are products of ecological systems. We manage ecosystems to provide these services and our use and mis-use often degrades the ability of ecosystems to provide the benefits and services we value. In the Applied Ecology Specialization you will develop your ability to understand how ecosystems function. You will apply systems thinking to the challenge of managing ecosystems for agriculture, forestry, fisheries, protected areas and urban development. You will learn concepts and tools that help you to deal with the complexity that an ecosystem perspective brings. The goal of this Specialization is to provide students with an opportunity to further develop their understanding of the ecosystem processes, ecology, and systems thinking necessary to understand, design and manage our interaction with the environment.

<b>Course code</b>	<b>Course name</b>	<b>Credits</b>	<b>Semester offered</b>	<b>Pre-requisites</b>	<b>Suggested timing</b>
<b>REQUIRED (9 credits)</b>					
ENVB 305	Population & Community Ecology	3	Winter		
ENVB 415	Ecosystem Management	3	Fall	BREE 327 and WILD 205 or ENVB 305	
ENVB 437	Assessing Environmental Impact	3	Winter		
<b>COMPLEMENTARY (15 credits)</b>					
<b>Abiotic: choose at least 6 credits from:</b>					

AGRI 435	Soil and Water Quality Management	3	Fall		
BREE 217	Hydrology and Water Resources	3	Winter		
BREE 322	Organic Waste Management	3	Odd-numbered Falls		
BREE 327	Bio-Environmental Engineering	3	Fall	U2 and above	
BREE 510	Watershed Systems Management	3	Fall	U3 and above	
ENVB 301	Meteorology		Fall		
ENVB 430	GIS for Natural Resource Management	3	Fall		
ENVB 506	Quantitative Methods: Ecology	3	Winter	AEMA 310 and ENVB 305 or permission of instructor	
NRSC 333	Pollution and Bioremediation	3	Fall		
SOIL 300	Geosystems	3	Winter	U2 and above	
SOIL 326	Soils in a Changing Environment	3	Odd-numbered Falls	A previous course in soil science, geography, geology or permission of instructor.	
SOIL 510	Environmental Soil Chemistry	3	Even-numbered Winters	A course in soil science or permission of instructor	
<b>Biotic: choose at least 6 credits from:</b>					
AGRI 340	Principles of Ecological Agriculture	3	Winter		
ENTO 440	Insect Diversity	3	Odd-numbered Falls	ENTO 330 or permission of instructor	
ENVB 315	Science of Inland Waters	3	Odd-numbered Falls		
MICR 331	Microbial Ecology	3	Winter		
MICR 450	Environmental Microbiology	3	Odd-numbered Winters	MICR 230 or LSCI 230	
PLNT 304	Biology of Fungi	3	Winter		
PLNT 358	Flowering Plant Diversity	3	Fall	AEBI 210 or ENVR 202 or permission of instructor	
PLNT 426	Plant Ecophysiology	3	Even-numbered Winters		
PLNT 460	Plant Ecology	3	Fall	AEMA 310 or permission of	

				instructor	
WILD 350	Mammalogy	3	Winter	AEBI 211 or WILD 200, and WILD 307	
WILD 420	Ornithology	3	Fall	WILD 307 or permission of instructor	
WILD 302	Fish Ecology	3	Even-numbered Falls	AEBI 211 or permission of instructor	

## Plant Biology (24 credits)

We live in a world powered by plants! The Plant Biology Specialization emphasizes the study of plants from their cellular structure to their roles in the ecosystem. You will examine the structure and development of plants in the context of their function as the primary producers on earth. You will learn about the physiology and biochemistry of plants from the basics of photosynthesis to the production of chemical compounds used for defense against herbivores, pests and pathogens.

You will also develop skills in plant identification, plant propagation, and molecular methods for studying plants and fungi. You will learn how natural selection has shaped the diversity of plants, explore the dynamics of plant communities in the ecosystem, and appreciate the role of plants in society as the source of food, fiber, fuel, medicinal compounds, poisons, and recreation. Most courses offer laboratory classes that expand on the lecture material and introduce students to the latest techniques in plant biology. Many laboratory exercises use the excellent research and field facilities on the Macdonald campus and at the McGill field stations. Students may undertake a research project under the guidance of a member of the Plant Science Department as part of their studies.

Course code	Course name	Credits	Semester offered	Pre-requisites	Suggested timing
<b>REQUIRED (9 credits)</b>					
PLNT 353	Plant Structure and Function	3	Winter	AEBI 210 and LSCI 211	U2 Winter*
PLNT 358	Flowering Plant Diversity	3	Fall	AEBI 210 or ENVR 202 or permission of instructor	U2 Fall*
PLNT 426	Plant Ecophysiology	3	Even-numbered Winters		U2 Winter*
PLNT 460	Plant Ecology	3	Fall	AEMA 310 or permission of instructor	U2 Fall*
<b>COMPLEMENTARY (15 credits)</b>					
15 credits from:					
BINF 511	Bioinformatics for Genomics	3	Winter	Understanding of cell and molecular biology (equivalent to a cell or molecular biology course) or permission from	

				instructor.	
ENVB 313	Phylogeny and Biogeography	3	Even-numbered Falls	AEBI 212 or WILD 212	
NUTR 512	Herbs, Foods and Phytochemicals	3	Even-numbered Falls	LSCI 211 or BIOL 201 or BIOC 212	
PLNT 203	Economic Botany	3	Fall		U2 Fall*
PLNT 304	Biology of Fungi	3	Winter		U2 Winter*
PLNT 305	Plant Pathology	3	Fall		
PLNT 310	Plant Propagation	3	Winter except Winter 2013		U3 Winter*
PLNT 424	Cellular Regulation	3	Odd-numbered Winters	LSCI 211, AEBI 202 or LSCI 202 or permission of the instructor	
PLNT 435	Plant Breeding	3	Winter	AEBI 210 and CELL 204 or LSCI 204	
PLNT 451	Special Topics 2	3	Fall, Winter		
PLNT 489	Project Planning and Proposal	3	Fall, Winter		
PLNT 490	Research Project	3	Fall, Winter	PLNT 489	

### Wildlife Biology (24 credits)

Wildlife biology is about the biology, ecology, and behavior of vertebrate animals, especially mammals, birds and fish. This Specialization focuses on the management and conservation of wildlife species and their habitats, recognizing that wildlife species are important in ecosystems and are important to society. Many of the courses in the Specialization are 'hands on', and will take students into a field setting to study wildlife in their natural environments. The Specialization focuses on the most recent techniques and findings in wildlife research, and how they have and can be applied to real world problems in conserving wildlife and minimizing human-wildlife conflicts.

Course code	Course name	Credits	Semester offered	Pre-requisites	Suggested timing
<b>REQUIRED (13 credits)</b>					
PLNT 358	Flowering Plant Diversity	3	Fall	PLNT 201 or AEBI 210 or ENVR 202 or permission of instructor	U2 Fall* §
WILD 307	Natural History of Vertebrates	3	Fall		U2 Fall*
WILD 401	Fisheries and Wildlife Management	4	Fall	PLNT 358	U3 Fall* §
WILD 421	Wildlife Conservation	3	Winter		U2 or U3 Winter*
<b>COMPLEMENTARY (11 credits)</b>					
At least 6 credits from:					
BIOL 427	Herpetology (taught Downtown)	3	Odd-numbered Falls	BIOL 205 and BIOL 305 or permission of instructor	
WILD 350	Mammalogy	3	Winter	AEBI 211 or WILD 200, and WILD 307	U2 Winter*
WILD 420	Ornithology	3	Fall	WILD 307 or permission of instructor	U2 or U3 Fall*
At least 5 credits from:					
ENVB 315	Science of Inland Waters	3	Odd-numbered Falls		
NRSC 514	Freshwater Ecosystems	3	Even-numbered Falls		
WILD 311	Ethology	3	Winter		U2 or U3 Winter*
WILD 415	Conservation Law	2	Even-numbered Falls		U2 Fall*

WILD 424	Parasitology	3	Winter		U2 or U3 Winter*
WILD 475	Desert Ecology (limit 20 students, extra costs)	3	Odd-numbered Winters	PLNT 460, WILD 307, WILD 420	

§ PLNT 358 and WILD 401 both have concurrent August field trips; PLNT 358 is also a pre-requisite to WILD 401. For these reason, PLNT 358 **MUST** be taken in U2 Fall and WILD 401 in U3 Fall.

## FREQUENTLY ASKED QUESTIONS:

- *What happens if a course appears in both a Specialization and in the Major?*
  - A Specialization **must have 18 unique credits**: therefore, 6 credits (typically two courses) can “overlap” and thus count towards both the Major and the Specialization. However, any course counts only once towards the total of credits required for graduation.
  
- *How do I declare a Specialization?*
  - You need to fill out the Specialization form found at <http://www.mcgill.ca/macdonald/studentinfo/undergrads/forms>, the **Student Affairs Office (SAO)** in Laird Hall or Dr. Major’s office. Have Dr. Major sign it prior to returning it to SAO.
  
- *Can I do a second (or third...) Specialization? Should I take more than one?*
  - You must complete at least one Specialization, and you may do more than one. However, it may be difficult to complete all the requirements for your Major and more than one Specialization within 3 years, so be prepared for difficulties in scheduling. One thing you could do is try to take as many of your elective courses as you can schedule in the second Specialization. It will not appear on your transcript if you don’t complete all of the requirements but you will have taken many of the courses towards it. Talk to your advisor about this if you have more questions.
  
- *Will I get a job after completing a degree in Environmental Biology?*
  - Yes, if you work hard, do well, and take advantage of the value-added experiences that Macdonald Campus has to offer; this includes getting to know your professors, attempting to work in a laboratory, getting hired as a research assistant in the summer months, taking a research project course, doing an internship, etc. Also, visit CAPS (Career and Placements Services, see the Resources section) to receive more detailed information on career paths.
  
- *I don’t like this Major – how do I switch?*
  - It is relatively easy to switch to other Majors within the same type of degree (B.Sc. Ag. Env. Sc.): visit the SAO or Dr. Major and ask for the Program Change Form; this requires a signature of the advisor for the Major you are switching into. Visit the SAO to ask about the process of switching to a different degree type and/or to a different Faculty.
  
- *I want to travel somewhere exotic, take courses there, and make them count towards my degree: how do I do this?*
  - You can do this many ways, but it’s important to realize that semesters away from campus involve extra costs. You can do ‘field semesters’, such as the

Barbados Interdisciplinary Tropical Studies (BITS) Field Semester or the Panama Field Studies Semester. Go to the websites for these programs (see The Resources section) to look into requirements; some of the courses you take in these semesters may count towards your degree as complementary courses, but will most likely act as electives. If you take one more appropriate course (see your advisor), you can complete a Minor in Field Studies. You can also apply for a study as part of an exchange program (see the Resources section).

- *Can I take more than 15 credits per term?*
  - If you are in satisfactory standing, you may take up to 18 credits per term. If you wish to do more than this, you need to consult with your academic advisor to learn how to get approval.
  
- *I want to take a course at a different University – can this count toward my degree?*
  - This is possible, but requires advanced planning – please talk to your advisor prior to proceeding with this. If you want the course to substitute for a required course, then the instructor of that course at McGill will have to sign a course equivalence form (available at <http://www.mcgill.ca/macdonald/studentinfo/undergrads/forms>), as will your academic advisor, and additional paperwork may be required before such a substitution is accepted. Don't forget that you require 60 credits of McGill courses to be granted your degree. The Faculty of Agricultural and Environmental Sciences' 2/3 rule for credit taken at Mac also applies.
  
- *I think I'm on track to graduate, but how do I know for sure?*
  - Meet with your advisor!
  
- *What's the Pass/Fail (P/F) and Satisfactory /Unsatisfactory (S/U) options on courses?*
  - Some courses at McGill are graded as pass/fail, but this does not apply to courses that are part of the Environmental Biology Major. You may take a maximum of 1 course per term as a S/U option, but this designation only applies to ELECTIVES. **Do not** make the mistake of selecting this as an option for a required or complementary course.
  
- *Am I full time or part-time? Does it matter?*
  - You are considered full-time if you take at least 12 credits per term, and it does matter. You must be enrolled in at least 27 graded credits per academic year to be eligible for scholarships and most student loans and visas require a minimum of 12 credits/term.
  
- *How do I get research experience as part of my degree?*
  - You can do this through research project courses (e.g. ENVB 497 and ENVB 498, LSCI 451 and LSCI 452, the PLNT 489/490 sequence of courses or through a

Special Topics Course). For all options you must have in place a supervisor for your project, so the first step is to develop a rapport with a potential supervisor and together you can develop a research project that interests you both. This takes time and planning, but can be a very rewarding experience.

- *What's an internship? Can I do one?*
  - An internship is pre-professional work experience that provides an opportunity to supplement academic learning by gaining practical knowledge in your field of study. You can do one - please visit the Bieler Family Internship Office (<http://www.mcgill.ca/macdonald/programs/internships>).

## **RESOURCES**

**Advisor:** Julie Major 514-398-8380 [julie.major@mcgill.ca](mailto:julie.major@mcgill.ca)  
MS2-082

**Program Director:** Christopher Buddle 514-398-8026 [chris.buddle@mcgill.ca](mailto:chris.buddle@mcgill.ca)

### **Specialization Coordinators:**

Applied Ecology: Elena Bennett 514-398-7563 [elena.bennet@mcgill.ca](mailto:elena.bennet@mcgill.ca)  
Plant Biology: Marcia Waterway 514-398-7864 [marcia.waterway@mcgill.ca](mailto:marcia.waterway@mcgill.ca)  
Wildlife Biology: Murray Humphries 514-398-7885 [murray.humphries@mcgill.ca](mailto:murray.humphries@mcgill.ca)

### **Student Affairs Office (Laird Hall):**

For general questions, call 514-398-7925, or visit SAO in Laird Hall

Website: <http://www.mcgill.ca/macdonald/studentinfo/sao/>

For more specific questions related to your degree and program requirements from an administrative / McGill perspective, contact Ms. Fern Ship at 514-398-7859 or e-mail:

[fern.ship@mcgill.ca](mailto:fern.ship@mcgill.ca)

### **Our Faculty's course calendar:**

<http://www.mcgill.ca/study/2012-2013/faculties/macdonald>

### **Environmental Biology program website:**

<http://www.mcgill.ca/macdonald/prospective/degrees/bscagenvsc/envbiol>

### **Specializations:**

Applied Ecology: upcoming

Plant Biology:

<http://www.mcgill.ca/macdonald/prospective/degrees/bscagenvsc/Specializations/plantbiol>

Wildlife Biology:

<http://www.mcgill.ca/macdonald/prospective/degrees/bscagenvsc/Specializations/wildlife>

**Bieler Family Internship Office:** <http://www.mcgill.ca/macdonald/programs/internships>

**Careers:** Visit the Career and Placement Services Website at: [www.mcgill.ca/caps](http://www.mcgill.ca/caps) or call 514-398-7582

**Studying abroad:**

For information about student exchanges and studying abroad, see <http://www.mcgill.ca/students/international/studyabroad/>

For information about McGill field study semesters (e.g., Africa, Barbados, Panama) and courses: <http://www.mcgill.ca/macdonald/programs/fieldstudies>