

13 Faculty of Agricultural and Environmental Sciences, including School of Dietetics and Human Nutrition

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Students should refer to "Examinations", section 4.7 for information about final examinations and deferred examinations.

Core Required and Complementary Courses: 51 credits
Option Required and Complementary Courses: 21 credits
Electives: To meet the minimum credit requirement for the degree.

	CREDITS
Option Required Courses:	12
AGEC331 Farm Business Management	3
AGEC350 Agricultural Finance	3
AGEC450 Agriculture Business Management	3
AGEC453 Venture Capital Opportunities	3
Option Complementary Courses:	9
9 credits chosen from the following list:	9
ACCT311 (3) Financial Accounting 1	
ACCT313 (3) Management Accounting 1	
AGEC344 (3) Entrepreneurial Leadership	
BUSA364 (3) Business Law 1	
FINE448 (3) Derivatives and Risk Management	
MGCR341 (3) Finance 1	
MGCR382 (3) International Business	
MRKT451 (3) Marketing Research	
NUTR446 (3) Applied Human Resources	

AGRICULTURAL SYSTEMS OPTION

The smooth functioning of the agriculture and food system requires good market analysis and appropriate policy and program development and management in the public sector. Agricultural economists are called upon to perform these tasks, utilizing their knowledge of the economic forces that affect the industry and the methods of analysis to predict the outcome of the numerous changes that occur. The agricultural systems orientation is intended to provide students with a broad understanding of the many dimensions of agriculture and food systems, including economic development, international agriculture, and food and agricultural policy.

Core Required and Complementary Courses: 51 credits
Option Required and Complementary Courses: 21 credits
Electives: To meet the minimum credit requirement for the degree

	CREDITS
Option Required Courses:	12
AGEC331 Farm Business Management	3
AGEC350 Agricultural Finance	3
AGEC450 Agriculture Business Management	3
AGRI340 Principles of Ecological Agriculture	3
Option Complementary Courses:	9
9 credits chosen from the following list:	9
AGEC344 (3) Entrepreneurial Leadership	
AGRI210 (3) Agro-Ecological History	
AGRI411 (3) International Agriculture	
AGRI435 (3) Soil and Water Quality Management	
ENVR201 (3) Society and Environment	
ENVR203 (3) Knowledge, Ethics and Environment	
NUTR207 (3) Nutrition and Health	

NATURAL RESOURCE ECONOMICS OPTION

This option integrates biological sciences and environmental decision making with the economics of natural resource use and development. The natural resource economics option is intended to prepare students for careers in the management of natural resources and the analysis of natural resource problems and policies.

Core Required and Complementary Courses: 51 credits
Option Required and Complementary Courses: 32 credits
Electives: To meet the minimum credit requirement for the degree

	CREDITS
Option Required Courses:	12
AEMA306 Mathematical Methods in Ecology	3

NRSC333 Physical and Biological Aspects of Pollution	3
NRSC437 Assessing Environmental Impact	3
WILD205 Principles of Ecology	3
Option Complementary Courses:	9
9 credits chosen from the following list:	9
AGEC344 (3) Entrepreneurial Leadership	
AGRI210 (3) Agro-Ecological History	
ECON405 (3) Natural Resource Economics	
ENVR203 (3) Knowledge, Ethics and Environment	
NRSC201 (3) Introductory Meteorology	
NUTR420 (3) Toxicology and Health Risks	
WILD415 (3) Conservation Law	
WILD421 (3) Wildlife Conservation	

MINOR IN AGRICULTURAL ECONOMICS

A Minor in Agricultural Economics will complement a student's education in four ways. First, as a social science, Economics will provide an alternative perspective for students in the Faculty. Second, the Minor will provide an excellent foundation of the workings of the economy at large. Third, it will aid students to understand the business environment surrounding the agri-food industry. Finally, it will challenge students to analyze the interaction between the agricultural economy and the natural resource base.

General Regulations:

To obtain a Minor in Agricultural Economics, students must:

- Ensure that their academic record at the University includes a C grade or higher in the courses specified in the course requirements below.
- Complete a minimum total of 24 credits from the courses given below, of which not more than 6 credits may be counted for both Major and Minor programs. This restriction does not apply to elective courses in the Major program.

Required Courses: 12 credits
Complementary Courses: 12 credits

	CREDITS
Required Courses	12
AGEC200 Principles of Microeconomics	3
AGEC201 Principles of Macroeconomics	3
AGEC230 Agricultural and Food Marketing	3
AGEC231 Economic Systems of Agriculture	3
Complementary Courses	12
Chosen in consultation with the academic adviser for the Minor from the offerings of the Department of Agricultural Economics.	
AGEC242 (3) Management Theories and Practices	
AGEC320 (3) Economics of Agriculture Production	
AGEC331 (3) Farm Business Management	
AGEC333 (3) Resource Economics	
AGEC343 (3) Accounting and Cost Control	
AGEC350 (3) Agricultural Finance	
AGEC425 (3) Agricultural Econometrics	
AGEC430 (3) Agriculture, Food and Resource Policy	
AGEC440 (3) Advanced Agricultural and Food Marketing	
AGEC442 (3) Economics of International Development	
AGEC450 (3) Agriculture Business Management	
AGEC491 (3) Research Seminar in Agricultural Economics	
AGEC492 (3) Special Topics in Agricultural Economics	

MINOR IN ENTREPRENEURSHIP

Academic Adviser: Robert Oxley

The Minor is concerned with the genesis and development of entrepreneurial activities. It deals with marketing, finance, organization, and policy in the development and expansion of small businesses in the agri-food and environment sectors. This 24-credit Minor will be of interest to students who wish to develop the skills

and perspectives necessary to be successful in an entrepreneurial environment, whether it be self-employed in a start-up business or within an established corporation that employs entrepreneurial management strategies.

Students are advised, during the U1 year, to consult their Major Program adviser and the academic adviser of the Minor. At the time of registration for the U2 year, students must declare their intent to obtain the Minor. With the agreement of their Major Pro-

Complementary Courses: 6

One Ethics course:	3
ENVR203 (3) Knowledge, Ethics and Environment or RELG270 (3) Religious Ethics and the Environment	
One additional Economics course	3

ANIMAL BIOLOGY MAJOR

Academic Adviser: H. Monardes

The Animal Biology Major is directed towards students who wish to further their studies in the basic biology of the larger mammals and birds. Successful completion of the program will enable students to qualify in applying to most professional schools in North America, to postgraduate schools in a variety of biological-oriented programs, and to work in most laboratory settings. The program is not intended for students wishing to become professional agrologists.

Required Courses: 34 credits

Complementary Courses: 24 credits, minimum

Electives: To meet the minimum credit requirement for the degree

Required Courses:

	CREDITS
AEBI202 Cellular Biology	3
AEMA310 Statistical Methods 1	3
ANSC234 Biochemistry 2	3
ANSC250 Principles of Animal Science	3
ANSC251 Comparative Anatomy	3
ANSC323 Mammalian Physiology	4
ANSC330 Fundamentals of Nutrition	3
ANSC495D1 Seminar	1
ANSC495D2 Seminar	1
CELL204 Genetics	4
FDSC211 Biochemistry 1	3
MICR230 Introductory Microbiology	3

4

3

Chair — Robert Kok

Emeritus Professor — RobertS. Broughton

Professors — Suzelle Barrington, Robert Kok, ChandraMadramootoo (*James McGill Professor*), EdwardMcKyes, ShivO. Prasher (*James McGill Professor*), G.S.VijayaRaghavan (*James McGill Professor*)

Associate Professors — Robert B. Bonnell (*Brace Centre for Water Resources Management*), Michael O. Nqadi (*William Dawson Scholar*), JohnD.J.Sheppard

Assistant Professor — Ning Wang

BIORESOURCE ENGINEERING MAJOR

The Department of Bioresource Engineering collaborates with other departments and the Faculty of Engineering in providing courses of instruction for a curriculum in Bioresource Engineering. Graduates qualify to apply for registration as professional engineers in any province of Canada.

Via the appropriate choice of elective course sets, a particular area of study may be emphasized. Principal options are: Bio-Environmental Engineering, Soil and Water Engineering, Food and Bioprocess Engineering, and Agricultural Engineering.

All required and complementary courses must be passed with a minimum grade of C. One term is spent taking courses from the Faculty of Engineering on the McGill downtown campus.

Students also have the opportunity to pursue a Minor. Several possibilities are: Agricultural Production, Environment, Ecological Agriculture, Biotechnology, Computer Science, Construction Engineering and Management, Entrepreneurship, and Environmental Engineering. Details of some of these Minors can be found in the Faculty of Engineering "[Minor Programs and Choice of Electives or Complementary Courses](#)", section 8.5. To complete a Minor, it is necessary to spend at least one extra term beyond the normal requirements of the B.Eng.(Bioresource) program.

Required Courses: 50 credits

Complementary Courses: 61 credits

13.6.3 Department of Bioresource Engineering

Macdonald Stewart Building – Room MS1-027

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Website: www.mcgill.ca/agreng

ENVIRONMENTAL ENGINEERING MINOR

The Minor program consists of 27 credits in courses that are environment related. By means of a judicious choice of complementary and elective courses, Bioresource Engineering students may obtain this Minor with a minimum of 12 additional credits.

The "**Environmental Engineering Minor**", **section 8.5.7**, is administered by the Faculty of Engineering, Department of Civil Engineering and Applied Mechanics.

Courses available in the Faculty of Agricultural and Environmental Sciences (partial listing):

MINOR IN AGRICULTURAL ENGINEERING

The Minor in Agricultural Engineering was retired at the end of the 2004-05 academic year. Students currently enrolled in this program should consult the 2004-05 calendar.

097 Minor in A of Civil Engie Engineering students ,f Agricultural and TD 0.

teachers and researchers, postgraduates may be employed by government and health protection agencies, in world development programs or in the food sector.

Required Courses: 57 credits

All required courses must be passed with a minimum grade of C.

Complementary Courses: 15/16 credits

Electives: 17/18 credits to meet the minimum credit requirement for the degree. Reciprocal agreement allows all students to take a limited number of electives at any Quebec university. With prior approval students can take electives at any Canadian or international university.

	CREDITS
Required Courses:	57
Term 1	
FDSC 211 Biochemistry 1	3
FDSC 212 Biochemistry Laboratory	2
NUTR 207 Nutrition and Health	3
NUTR 214 Food Fundamentals	3
Term 2	
ANSC 234 Biochemistry 2	3
MICR 230 Introductory Microbiology	3
BREE 251 Microcomputer Applications	3
FDSC305 Food Chemistry 1	3
Term 3	
ANSC 323 Mammalian Physiology	4
NUTR 322 Applied Sciences Communication	2
AEMA 310 Statistical Methods 1	3
FDSC 305 Food Chemistry 2	3
Term 4	
ANSC 424 Metabolic Endocrinology	3
NUTR 337 Nutrition Through Life	3
NUTR 344 Clinical Nutrition 1	4
Term 5	
NUTR 420 Toxicology and Health Risks	3
NUTR 450 Research Methods: Human Nutrition	3
NUTR 451 Analysis of Nutrition Data	3
NUTR 512 Herbs, Foods, and Phytochemicals	3
Complementary Courses:	15/16
One of the following courses:	3
NUTR307 Human Nutrition	
or ANSC330 Fundamentals of Nutrition	
And one of the following sets of 12/13 credits.	12/13
Nutritional Biochemistry:	
	13
ANSC551 Carbohydrate & Lipid Metabolism	3
ANSC552 Protein Metabolism & Nutrition	3
CELL204 Genetics	4
PARA438 Immunology	3
Global Nutrition:	
	12
AGRI340 Principles of Ecological Agriculture	3
NRSC340 Global Perspectives on Food	3
NUTR403 Nutrition in Society	3
NUTR501 Nutrition in Developing Countries	3
Food Function and Safety:	
	12
FDSC300 Food Analysis 1	3
FDSC315 Food Analysis 2	3
FDSC319 Food Chemistry 3	3
FDSC425 Principles of Quality Assurance	3
Sports Nutrition:	
	12
ANAT214 Systemic Human Anatomy	3
or EDKP205 Structural Anatomy	3
EDKP391 Physiology in Sport & Exercise	3
EDKP495 Scientific Principles of Training	3
NUTR503 Bioenergetics and the Life Span	3

MINOR IN HUMAN NUTRITION

Academic Adviser: Linda Wykes, Ph.D.

The Minor in Human Nutrition is intended to complement a student's primary field of study by providing a focused introduction to the metabolic aspects of human nutrition. It is particularly accessible to students in Biochemistry, Biology, Physiology, Anatomy and Cell Biology, Microbiology and Immunology, Animal Science or Food Science programs. The completion of 24 credits is required, of which at least 18 must not overlap with the primary program. All courses must be taken in the appropriate sequence and passed with a minimum grade of C. Students may declare their intent to follow the Minor program at the beginning of their U2 year. They must then consult with the Academic Adviser for the Human Nutrition Minor in the School of Dietetics and Human Nutrition to obtain approval for their course selection. Since some courses may not be offered every year and many have prerequisites, students are cautioned to plan their program in advance.

The Minor program does not carry professional recognition; therefore, it is not suitable for students wishing to become nutritionists or dietitians. However, successful completion may enable students to qualify for many postgraduate nutrition programs.

Required Courses: 6 credits

Complementary Courses: 18 or 19 credits

	CREDITS
Required Courses:	6
NUTR337 Nutrition Through Life	3
NUTR450 36Food3205401176(Required Courses) 20063205402310402345022	3

310495 10 33 17 0 2 95 10 0 343 42 0 3431 12 0 175 5 0 40 (FDSC315)0.33 Tc 0 3550 T23223

Notes:

1. Most courses listed at the 300 level and higher have prerequisites. Although instructors may waive prerequisite(s) in some cases, students are urged to prepare their program of study well before their final year.
2. Some courses may not be offered every year. For information on available courses, consult Class Schedule at www.mcgill.ca/minerva; complete listings can be found in the Courses section of this Calendar.

ENVIRONMENTAL BIOLOGY MAJOR

Academic Advisers: Professors M.E. Rau(U1),
I. Strachan (U2, U3)

This program provides scientists with basic knowledge in Biology and strong emphasis in Ecology. As ecologists they will be equipped to investigate the scientific aspects of the relationships between organisms and their environment.

Required Courses: 27 credits

Complementary Courses: 30 credits

Electives: To meet the minimum credit requirement for the degree.

	CREDITS
Required Courses:	27
AEBI202 Cellular Biology	3
AEMA310 Statistical Methods 1	3
CELL204 Genetics	4
FDSC211 Biochemistry 1	3
NRSC491 Scientific Communication 1	1
NRSC492 Scientific Communication 2	1
PLNT201 Comparative Plant Biology	3
WILD200 Comparative Zoology	3
WILD205 Principles of Ecology	3
WILD375 Issues: Environmental Sciences	3

Complementary Courses: 30

a minimum of 30 credits selected from the following list in consultation with the Academic Adviser

AEMA306 (3) Mathematical Methods in Ecology	
MICR230 (3) Introductory Microbiology	
MICR331 (3) Microbial Ecology	
NRSC201 (3) Introductory Meteorology	
NRSC315 (3) Science of Inland Waters	
NRSC333 (3) Physical and Biological Aspects of Pollution	
NRSC437 (3) Assessing Environmental Impact	
NRSC497 (2) Research Project 1	
NRSC498 (3) Research Project 2	
NUTR420 (3) Toxicology and Health Risks	
PLNT358 (3) Flowering Plant Diversity	
PLNT460 (3) Plant Ecology	
SOIL200 (3) Introduction to Earth Science	
SOIL210 (3) Principles of Soil Science	
SOIL335 (3) Soil Ecology and Management	
WILD307 (3) Natural History of Vertebrates	
WILD311 (3) Ethology	
WILD313 (3) Phylogeny and Zoogeography	
WILD401 (4) Fisheries and Wildlife Management	
WILD410 (3) Wildlife Ecology	
WILD475 (3) Desert Ecology	
WOOD410 (3) The Forest Ecosystem	
WOOD420 (3) Environmental Issues: Forestry	

With the permission of the Academic Adviser and the Committee on Academic Standing, ecological or environmental courses offered on the Downtown Campus may be substituted for those appearing in the above list of Complementary Courses.

MICROBIOLOGY MAJOR

Academic Advisers: Professors B. Driscoll (U1),
D.Niven (U2, U3)

Students receive training in fundamental principles and applied aspects of Microbiology, choosing one of the three options: Biotechnology, Ecology or Environment. Successful graduates are competent to work in university, government and industrial research laboratories and in the pharmaceutical, fermentation and food industries.

Required Courses: 51 credits

Complementary Courses: 12 credits, chosen from one option (Biotechnology or Ecology or Environment)

Electives: To meet the minimum credit requirement for the degree.

Required Courses:

	CREDITS
AEBI202 Cellular Biology	3
AEMA310 Statistical Methods 1	3
CELL204 Genetics	4
FDSC211 Biochemistry 1	3
MICR230 Introductory Microbiology	3
MICR300 Microbial Physiology Laboratory	3
MICR311 Microbiology Seminar 1	1
MICR331 Microbial Ecology	3
MICR338 Bacterial Molecular Genetics	3
MICR341 Mechanisms of Pathogenicity	3
MICR412 Microbiology Seminar 2	1
MICR450 Environmental Microbiology	3
MICR481 Microbiology Project 1	3
MICR482 Microbiology Project 2	3
PARA438 Immunology	3
PLNT304 Biology of Fungi	3
PLNT424 Cellular Regulation	3
WILD424 Parasitology	3

Complementary Courses (12 credits)

12 credits taken from one of the three options listed below: Biotechnology, Ecology, Environment

Biotechnology

12 credits chosen from the following list of courses:

AEBI306 (3) Experiments in Biotechnology	
AGEC200 (3) Principles of Microeconomics	
ANSC400 (3) Eukaryotic Cells and Viruses	
ANSC420 (3) Animal Biotechnology	
BIOT505 (3) Selected Topics in Biotechnology	
BTEC501 (3) Bioinformatics	
CELL500 (3) Techniques Plant Molecular Genetics	
CELL501 (3) Plant Molecular Biology and Genetics	
ENTO352 (3) Control of Insect Pests	
FDSC535 (3) Food Biotechnology	

Ecology

12 credits chosen from the following list of courses:

AEMA306 (3) Mathematical Methods in Ecology	
ENTO330 (3) Insect Biology	
PLNT201 (3) Comparative Plant Biology	
PLNT305 (3) Plant Pathology	
SOIL210 (3) Principles of Soil Science	
SOIL335 (3) Soil Ecology and Management	
WILD200 (3) Comparative Zoology	
WILD205 (3) Principles of Ecology	
WILD212 (3) Evolution and Systematics	
WOOD410 (3) The Forest Ecosystem	

Environment

12 credits chosen from the following list of courses:

ENVR200 (3) The Global Environment	
ENVR201 (3) Society and Environment	
ENVR202 (3) The Evolving Earth	
ENVR203 (3) Knowledge, Ethics and Environment	
EPSC205 (3) Astrobiology	
NRSC201 (3) Introductory Meteorology	
NRSC333 (3)	

RESOURCE CONSERVATION MAJOR

Academic Adviser: Professor B. Côté

The Major prepares students to deal with problems in integrated resource management and environmental protection with the objective of making optimal use of natural resources under any given set of economic, social and ecological conditions. Students follow a series of required courses and select complementary

ENTO352	Control of Insect Pests	3
FDSC211	Biochemistry 1	3
MICR230	Introductory Microbiology	3
PLNT211	Principles of Plant Science	3
PLNT300	Cropping Systems	3
RELG270	Religious Ethics and the Environment	3
SOIL210	Principles of Soil Science	3
SOIL310	Principles of Soil Science	3

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Completion of 0.162 JOR

**AGRICULTURAL SCIENCES INTERNSHIP MAJOR –
AGRICULTURAL BIOTECHNOLOGY OPTION (96 credits)**

Required Courses: 73 credits

Complementary Courses: 16 credits

Electives: To meet the minimum credit requirement for the degree.

**AGRICULTURAL SCIENCES INTERNSHIP MAJOR –
GENERAL OPTION (96 credits)**

Required Courses: 64 credits

Complementary Courses: 19 credits

Electives: To meet the minimum credit requirement for the degree.

**AGRICULTURAL SCIENCES MAJOR –
ECOLOGICAL AGRICULTURE OPTION (90 credits)**

Required Courses: 61 credits

Complementary Courses: 16-19 credits

Electives: To meet the minimum credit requirement for the degree.

**AGRICULTURAL SCIENCES MAJOR – AGRICULTURAL
BIOTECHNOLOGY OPTION (90 credits)**

Required Courses: 61 credits

Complementary Courses: 16 credits

Electives: To meet the minimum credit requirement for the degree.

MICR331	(3)	Microbial Ecology
PLNT434	(3)	Weed Biology and Control
PLNT460	(3)	Plant Ecology
AGED333	(3)	Resource Economics
ENVR201	(3)	Society and Environment
ENVR400	(3)	Environmental Thought

**AGRICULTURAL SCIENCES INTERNSHIP MAJOR –
ECOLOGICAL AGRICULTURE OPTION (96credits)**

Required Courses: 73 credits
Complementary Courses: 13 credits
Electives: To meet the minimum credit requirement for the degree.

CREDITS
73

Required Courses:

All of the required courses (61 credits) specified for the Agricultural Sciences Major – Ecological Agriculture Option, with the addition of:

AGRI201D1	Agri-Environment Internship	3
AGRI201D2	Agri-Environment Internship	3
AGRI301D1	Agrology Internship	3
AGRI301D2	Agrology Internship	3

Complementary Courses:

13

at least one of:

ANSC323	(4)	Mammalian Physiology
PLNT353	(4)	Plant Structure and Function

at least one production course in Agricultural Science:

AGED331	(3)	Farm Business Management
ANSC450	(3)	Dairy Cattle Production
ANSC452	(3)	Beef Cattle and Sheep Production
ANSC454	(3)	Swine Production
ANSC456	(3)	Poultry Production
PLNT331	(3)	Field Crops

at least 3 credits must be chosen from two of the three blocks below:

AGRI435	(3)	Soil and Water Quality Management
SOIL335	(3)	Soil Ecology and Management
SOIL445	(3)	Agroenviron. Fertilizer Use
SOIL521	(3)	Soil Microbiology and Biochemistry

MICR331	(3)	Microbial Ecology
PLNT434	(3)	Weed Biology and Control
PLNT460	(3)	Plant Ecology

AGED333	(3)	Resource Economics
ENVR201	(3)	Society and Environment
ENVR400	(3)	Environmental Thought

**AGRICULTURAL SCIENCES MAJOR –
INTERNATIONAL AGRICULTURE OPTION (90credits)**

Required Courses: 58 credits
Complementary Courses: 16 credits
Electives: To meet the minimum credit requirement for the degree.

CREDITS
58

Required Courses:

All of the required courses (52 credits) specified for the Agricultural Sciences Major – General Option, with the addition of:

AGRI411	International Agriculture	3
AGED442	Economics of International Agricultural Development	3

Complementary Courses:

16

at least one of:

ANSC323	(4)	Mammalian Physiology
PLNT353	(4)	Plant Structure and Function

at least one production course in Agricultural Science:

AGED331	(3)	Farm Business Management
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ANSC450	(3)	Dairy Cattle Production
ANSC452	(3)	Beef Cattle and Sheep Production
ANSC454	(3)	Swine Production
ANSC456	(3)	Poultry Production
PLNT331	(3)	Field Crops

a minimum of 9 credits chosen from the following:

ANTH212	(3)	Anthropology of Development
POLI227	(3)	Developing Areas/Introduction
SOCI254	(3)	Development and Underdevelopment
GEOG216	(3)	Geography of the World Economy
GEOG404	(3)	Environmental Management 2
AGRI341	(3)	Ecological Agriculture Systems
AGRI305	(3)	Barbados Agro-Ecosystems
AGED430	(3)	Agriculture, Food and Resource Policy
NUTR501	(3)	Nutrition in Developing Countries

**AGRICULTURAL SCIENCES INTERNSHIP MAJOR –
INTERNATIONAL AGRICULTURE OPTION (96credits)**

Required Courses: 70 credits
Complementary Courses: 16 credits
Electives: To meet the minimum credit requirement for the degree.

CREDITS
70

Required Courses:

All of the required courses (58 credits) specified for the Agricultural Sciences Major – International Agriculture
 C

**AGRICULTURAL SCIENCES MAJOR –
SOIL SCIENCE OPTION (90credits)**

Required Courses: 52 credits
Complementary Courses: 25 credits
Electives: To meet the minimum credit requirement for the degree

**AGRICULTURAL SCIENCES INTERNSHIP MAJOR –
SOIL SCIENCE OPTION** (96credits)

Required Courses: 64 credits

Complementary Courses: 25 credits

Electives: To meet the minimum credit requirement for the degree.

13.6.9 Field Studies

African Field Study Semester

The Department of Geography, Faculty of Science, coordinates the 15-credit interdisciplinary African Field Study Semester, [see](#)

on probation for more than one semester unless they obtain an SPA of 70% or higher.

Students who do not raise their CPA to 60% (or obtain an SPA of 70%) while on probation are not permitted to continue. They are required to withdraw from the Program for one year. If, after this period, students wish to be readmitted, they must apply in writing to the Director of the Program.

13.8.5.4 Handbook on Student Rights and Responsibilities

This Handbook is a compendium of regulations and policies governing student rights and responsibilities at McGill University. It is published jointly by the Dean of Students' Office and the Secretariat. A copy of the Handbook can be found on the Web at www.mcgill.ca/secretariat/statutes/documents or obtained from the Student Affairs Office or the Macdonald Campus Student Affairs Office.

13.8.5.5 Institutional Policy on the Evaluation of Student Achievement

The policy has the following objectives:

- to establish and explain the principles followed in evaluating student learning;
- to describe the means of translating these principles into practice and to establish the required procedures;
- to articulate the appropriate responsibilities of students, instructors, departments, and academic administrators;
- to account to students, parents, universities and employers for the standards of learning at the campus;
-

- Scott, Marilyn E.; B.Sc.(U.N.B.), Ph.D.(McG.); Associate Professor of Parasitology
- Seguin, Philippe; B.Sc.(Agr.), M.Sc.(McG.), Ph.D.(Minn.); Assistant Professor of Plant Science
- Sheppard, John D.J.; B.Sc.(Eng.)(Guelph), M.E., Sc.(W.Ont.), Ph.D.(McG.); Associate Professor of Bioresource Engineering
- Simpson, Benjamin K.; B.Sc.(Univ. Sc. & Tech., Kumasi), Ph.D.(Memorial); Associate Professor of Food Science and Agricultural Chemistry
- Smith, Donald L.; B.Sc., M.Sc.(Acad.), Ph.D.(Guelph); Professor of Plant Science and Chair of Department
- Smith, James M.; B.Sc.(NEPoly.), Ph.D.(McG.); Faculty Lecturer, Institute of Parasitology
- Smith, James P.; B.Sc., M.Sc.(Strathclyde), Ph.D.(Alta.); Professor of Food Science and Agricultural Chemistry
- Spithill, Terence W.; B.Sc., Ph.D.(Monash U., Australia); Professor of Parasitology, Director, Institute of Parasitology, and Canada Research Chair in Immunoparasitology
- Steppler, Howard A.; B.S.A.(Man.), M.Sc., Ph.D.(McG.), F.A.I.C.; Emeritus Professor of Agronomy
- Stewart, Katrine A.; B.Sc.(Agr.)(U.B.C.), Ph.D.(Reading); Associate Professor of Horticulture
- Stewart, Robin K.; B.Sc.(Agr.), Ph.D.(Glas.); Emeritus Professor of Entomology
- Strachan, Ian; B.Sc.(Tor.), M.Sc., Ph.D.(Queen's); Assistant Professor of Agrometeorology
- Stromvik, Martina V.; B.A., M.S.(Stockholm), Ph.D.(Ill.); Assistant Professor of Plant Science
- Thibault, Louise; B.Sc., M.Sc., Ph.D.(Laval); Associate Professor of Dietetics and Human Nutrition
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