Faculty of Environmental Studies - Keele Campus

Bachelor in Environmental Studies (BES) Program Vision Statement and Learning Objectives

BES Program Areas of Concentration

Academic Advising and the BES Program Checklist

Degree Requirements

Honours Double Major, Honours Major/Minor, Concurrent Education Program

BES Certificate Programs

BES Joint Programs

Academic Honours

FES Policy on Student Work

Grading and Academic Standards

Academic Penalties

Academic Standing

Faculty of Environmental Studies 245 Bachelor in Environmental Studies (BES) Program Vision Vision Statement......245 BES Program Areas of Concentration 245 Environment and Culture: Philosophy, Arts, Technology Urban and Regional Environments: Analysis, Planning • Environmental Politics: Development, Globalization and Justice......246 Environmental Management: Policy, Resources and Academic Advising and the BES Program Checklist 247 Degree Requirements.....248 • Honours BES Degree Course Requirements – 120 BES Degree Course Requirements – 90 Credits 248 Honours Double Major, Honours Major/Minor, Concurrent Education Program......249 Degree Double Major Requirements in Environmental Degree Minor Requirements in Environmental Studies . . . 249 Second Major/Minor Options for BES Students 249 - Faculty of Liberal Arts and Professional Studies. 249 - Faculty of Education Concurrent Education Program . . . 250 BES Certificate Programs......250 Minimum Requirements for Multiple Certificates250 Certificate in Geographic Information Systems (GIS) and Certificate in Community Arts Practice (CAP)......250 General Certificate in Refugee and Migration Studies 251 York/Humber College Joint Program in International **Development Management Studies (Formerly** International Project Management)......252 York/Seneca Joint Program in Urban Sustainability 252 York/Sir Sandford Fleming Joint Program in Ecosystem Specialized Honours BES Degree - 120 Credits 254 FES Policy on Student Work......254 - General Regulations for Tests and Examinations 254 - Reappraisal of Final BES Course Grades..................... 255 - Date by Which to Request a Grade Reappraisal 256

Table of Contents - Environmental Studies

 Reappraisal of Grades Other Than Final Course 	
Grades	256
Deferred Standing	256
Aegrotat Standing	
Academic Penalties	
Academic Warning	256
Required Withdrawal	
Reactivation After Required Withdrawal	
Debarment Warning	
• Debarment	
- Reapplying After Debarment	257
- Academic Probation	
Breach of Academic Honesty	257
Academic Standing	
Honours BES Degree	
• BES Degree	258
Academic Standing Requirements for Visiting Students	258
- Grade Point Average (GPA) Requirement	258
- Credit Limits	258

Faculty of Environmental Studies

Dean:

B. Rahder, 416-736-5284

Associate Deans:

L. Gilbert, L.A. Sandberg, 416-736-5252

Undergraduate Program Director:

- I. Kapoor, 416-736-5252 (until June 30, 2009)
- G. Fraser, 416-736-5252 (as of July 1, 2009)

Director of Student and Academic Services:

J. Campanelli Zeeman, 416-736-2100, ext. 66453

Undergraduate Program Adviser:

A. Tsirgielis, 416-736-2100, ext. 33510

Undergraduate Program Administrative and Records Assistant:

S. Sattaur, 416-736-2100, ext. 30397

Bachelor in Environmental Studies (BES) Program Vision Statement and Learning Objectives

Vision Statement

The BES program provides a well-rounded and interdisciplinary education in various fields relating to natural, built and social environments. The program is designed to equip students with the knowledge, critical understanding and capacity to deal effectively yet sensitively with complex environmental and social challenges arising at the local, regional, national and/or global scale.

The BES program introduces students to the relationships between the exploitation of the natural world and justice issues related to class exploitation, racism, homophobia and gender inequity. Aware of the growing interdependencies of human and natural life worlds in a globalized environment, the Faculty of Environmental Studies (FES) believes that non-Western and Indigenous perspectives are essential to a fruitful discussion of all environmental issues. To that end, faculty members strive to include a broad range of perspectives in their course offerings.

In this light, the BES program is committed to preparing students to take action on critical environmental issues. Students are encouraged to explore alternatives, strategies and action related to social and environmental change. Our specific commitments include:

- interdisciplinary expertise to critically understand and address environmental problems;
- · opportunities to develop both specific skills and in-depth learning;
- a wide range of courses covering the humanities, social sciences and environmental science:
- an outlook that includes local and global, historical and contemporary, and philosophical and applied questions;
- an emphasis on bringing theoretical and practical matters together in the classroom;
- the knowledge and skills needed for graduate studies and environmental careers (e.g. community arts, environmental education, urban design and planning, climate change policy, human/gender rights, green business, international development policy, environmental conservation and management).

Learning Objectives

- to provide a well-rounded and interdisciplinary education in various fields relating to natural, built, organizational and social environments;
- to be exposed to a wide range of perspectives from the humanities, social sciences and environmental science, including issues relating to environmental ethics, class, racialization, Indigeneity, sexual orientation and gender;
- to develop both specific skills and in-depth learning, and acquire analytical and critical skills:
- to develop an outlook that includes local and global, historical and contemporary, and philosophical and applied questions; and
- to acquire the knowledge and skills needed for environmental careers and graduate studies.

BES Program Structure

The Faculty of Environmental Studies (FES) offers both the Specialized Honours BES program (120 credits) and the BES program (90 credits). Environmental studies at FES is a combination of core courses and four distinct academic and professional areas of concentration:

- environment and culture: philosophy, arts, technology and education;
- · urban and regional environments: analysis, planning and design;
- · environmental politics: development, globalization and justice;
- · environmental management: policy, resources and conservation.

A coherent set of core courses, area of concentration courses and elective courses provides a well-rounded education in various fields relating to natural, built, organizational and social environments. Faculty members come from a wide range of backgrounds including political science, ecology, planning, philosophy, sociology, geography, economics, education, architecture and anthropology. All share a commitment to exploring the complex questions and solutions of the human and environmental challenges facing the world.

In the first two years of the program, students take required courses that introduce them to the wide range of environmental studies while building critical academic and practical knowledge, including research, writing, analytical and communication skills. During the latter half of the first year, students start thinking about areas of concentration within the BES program they are interested in. In the second year, students choose at least two foundation courses that are associated with the areas of concentration in which they wish to pursue in more detail in subsequent years in the BES program. A specific set of courses is associated with each area of concentration. The course selections within a given area of concentration are designed to give structure and focus to a student's program. The course selection process is supported through the completion of a program checklist that is completed on the basis of individual preferences and consultation with the BES program adviser.

BES Program Areas of Concentration

The BES program's four areas of concentration reflect the Faculty's broad understanding of environmental studies. Their coherence is established with scholarly, professional and pragmatic considerations. Students use these areas of concentration to help define their own path through the program.

Environment and Culture: Philosophy, Arts, Technology and Education

This area focuses on the conceptual, historical and cultural roots of environmental issues, and on environmental arts, education, policy and cultural organizations as crucial sites of environmental action. A focus in this area leads students to develop both a strong theoretical grasp of complex ecological-environmental relations, and critical and creative skills important in transforming these relations.

Sample topics include:

- environmental ethics and philosophy
- · environmental and sustainability education
- environment, media and communication
- · human and other animal relations
- · science, technology and the environment
- environmental literatures
- community arts

Required course:

• ES/ENVS 2100 6.00 (formerly ES/ENVS 2100 3.00)

Nine credits at the 3000 level from the following list:

- ES/ENVS 3000 3.00
- ES/ENVS 3110 3.00
- ES/ENVS 3120 3.00
- ES/ENVS 3122 3.00
- ES/ENVS 3125 3.00
- ES/ENVS 3140 3.00
- ES/ENVS 3150 3.00

- ES/ENVS 3151 3.00
- ES/ENVS 3160 3.00
- ES/ENVS 3170 3.00
- ES/ENVS 3226 3.00
- ES/ENVS 3230 3.00
- FS/FNVS 3320 3.00
- ES/ENVS 3410 3.00
- ES/ENVS 3420 3.00
- FS/FNVS 3450 3.00
- ES/ENVS 3760 3.00
- ES/ENVS 3800C 3.00
- ES/ENVS 3800F 3.00 • ES/ENVS 3800J 3.00
- ES/ENVS 3800Q 3.00
- ES/ENVS 3800Y 3.00
- ES/ENVS 3810A 6.00

Nine credits at the 4000 level from the following list:

- ES/ENVS 4011 3.00
- ES/ENVS 4100 3.00
- ES/ENVS 4110 3.00
- ES/ENVS 4111 3.00
- ES/ENVS 4120 3.00
- ES/ENVS 4122 6.00
- ES/ENVS 4140 3.00
- ES/ENVS 4151 3.00
- ES/ENVS 4161 3.00
- ES/ENVS 4205 3.00
- ES/ENVS 4215 3.00
- ES/ENVS 4312 3.00 (formerly ES/ENVS 4311 3.00)
- ES/ENVS 4320 3.00
- ES/ENVS 4420 3.00
- ES/ENVS 4421 3.00
- ES/ENVS 4430 3.00
- ES/ENVS 4447 3.00
- ES/ENVS 4455 3.00
- ES/ENVS 4520 3.00
- ES/ENVS 4523 3.00 ES/ENVS 4700 6.00
- ES/ENVS 4810A 6.00

Note: ES/ENVS 3900 and/or ES/ENVS 4900 directed reading/study courses do not fulfill the area of concentration requirements, unless prior approval is received by the undergraduate program director.

Urban and Regional Environments: Analysis, Planning and Design

This area of concentration focuses on the interrelationships of the ecological, social, built and organizational environments within the urban and regional setting. It is the intention of this area is to provide a critical understanding of urban and regional environments along with a solutionsbased approach to addressing urban and regional issues with an explicitly environmental perspective. By doing this students will attain a thorough knowledge of the theories, histories and current issues of urbanization and regionalization and their effect on environments, but also will learn practical methods of analysis and intervention in different human settlements.

Sample topics include:

- · migration and settlement
- · urbanization and the urban process
- environmental design/landscape design
- urban sustainability
- urban governance and regulation
- global cities and global urbanization
- urban social and environmental movements
- urban and regional planning
- healthy and sustainable community development
- urban social relations (class, race, gender)
- Native/Canadian relations

Required course:

ES/ENVS 2200 6.00 (formerly ES/ENVS 2200 3.00)

Nine credits at the 3000 level from the following list:

- ES/ENVS 3120 3.00
- ES/ENVS 3125 3.00
- ES/ENVS 3151 3.00
- ES/ENVS 3160 3.00
- ES/ENVS 3170 3.00
- ES/ENVS 3225 3.00
- ES/ENVS 3226 3.00
- ES/ENVS 3230 3.00
- ES/ENVS 3340 3.00
- ES/ENVS 3520 3.00
- ES/ENVS 3521 3.00
- ES/ENVS 3710 3.00
- ES/ENVS 3740 3.00
- ES/ENVS 3800C 3.00
- ES/ENVS 3800F 3.00
- ES/ENVS 3800J 3.00
- ES/ENVS 3800K 3.00
- ES/ENVS 3800L 3.00
- ES/ENVS 3800M 3.00
- ES/ENVS 3800N 3.00
- ES/ENVS 3800Q 3.00
- ES/ENVS 3800Y 3.00
- ES/ENVS 3810A 6.00

Nine credits at the 4000 level from the following list:

- ES/ENVS 4151 3.00
- ES/ENVS 4161 3.00
- ES/ENVS 4210 3.00
- ES/ENVS 4220 3.00
- FS/FNVS 4223 3.00
- ES/ENVS 4225 3.00
- ES/ENVS 4315 3.00
- ES/ENVS 4410 3.00 • ES/ENVS 4421 3.00
- ES/ENVS 4430 3.00
- ES/ENVS 4440 3.00
- ES/ENVS 4442 3.00
- ES/ENVS 4447 3.00
- ES/ENVS 4510 3.00
- ES/ENVS 4520 3.00
- ES/ENVS 4521 3.00 ES/ENVS 4522 3.00
- ES/ENVS 4523 3.00
- ES/ENVS 4700 6.00
- FS/FNVS 4750 3.00
- ES/ENVS 4800Q 3.00 ES/ENVS 4810A 6.00

Note: ES/ENVS 3900 and/or ES/ENVS 4900 directed reading/study courses do not fulfill the area of concentration requirements, unless prior approval is received by the undergraduate program director.

Environmental Politics: Development, Globalization and Justice

Communities and environments are being dramatically transformed by the globalization of economies and cultures. This area is concerned with the analysis of these forces and possible responses to them at local, regional, national and international levels. It involves exploring competing approaches to development, politics and justice that are being formulated and put into practice by a variety of social groups, communities, NGOs, governments, corporations and international organizations.

Sample topics include:

- · economic globalization
- international development
- sustainable development
- gender and development human rights and refugee studies
- social/environmental movements
- climate change
- green international business
- culture and global media

Required course:

• ES/ENVS 2300 6.00 (formerly ES/ENVS 2300 3.00)

Nine credits at the 3000 level from the following list:

- ES/ENVS 3120 3.00
- ES/ENVS 3125 3.00
- ES/ENVS 3130 3.00
- ES/ENVS 3151 3.00
- ES/ENVS 3160 3.00
- ES/ENVS 3170 3.00
- ES/ENVS 3310 3.00
- ES/ENVS 3320 3.00
- ES/ENVS 3340 3.00
- ES/ENVS 3410 3.00
- ES/ENVS 3420 3.00
- ES/ENVS 3450 3.00
- ES/ENVS 3510 3.00
- ES/ENVS 3800C 3.00
- ES/ENVS 3800F 3.00
- ES/ENVS 3800J 3.00
- ES/ENVS 3800K 3.00
- ES/ENVS 3800L 3.00
- ES/ENVS 3800M 3.00
- ES/ENVS 3800N 3.00
- ES/ENVS 3800Y 3.00
- ES/ENVS 3810A 6.00

Nine credits at the 4000 level from the following list:

- FS/FNVS 4011 3.00
- ES/ENVS 4140 3.00
- ES/ENVS 4151 3.00
- ES/ENVS 4161 3.00
- ES/ENVS 4205 3.00
- ES/ENVS 4210 3.00 FS/FNVS 4215 3.00
- ES/ENVS 4220 3.00
- ES/ENVS 4223 3.00
- ES/ENVS 4312 3.00 (formerly ES/ENVS 4311 3.00)
- ES/ENVS 4315 3.00
- ES/FNVS 4320 3 00
- ES/ENVS 4410 3.00
- ES/ENVS 4420 3.00 ES/ENVS 4421 3.00
- ES/ENVS 4440 3.00
- ES/ENVS 4510 3.00
- ES/ENVS 4523 3.00
- ES/ENVS 4700 6.00
- ES/ENVS 4810A 6.00

Note: ES/ENVS 3900 and/or ES/ENVS 4900 directed reading/study courses do not fulfill the area of concentration requirements, unless prior approval is received by the undergraduate program director.

Environmental Management: Policy, Resources and Conservation

This area examines the origins and nature of environmental challenges facing society through the study of their scientific, socio-economic and political dimensions, and explores ways of addressing these challenges through environmental and natural resource management, conservation and policy approaches. It is concerned with existing and emerging strategies for preventing and managing the impacts of human activities and for conserving the resources of the biosphere in ways that are supportive of sustainable development. It provides concepts, knowledge, and skills that are needed to be effective in environmental management in government, business, and not-for-profit sectors.

Sample topics include:

- · ecology and conservation
- environmental assessment
- resource management
- environmental monitoring and auditing
- energy and the environment
- environment and health

Required courses:

- ES/ENVS 2400 6.00 (formerly ES/ENVS 2400 3.00)
- ES/ENVS 2410 3.00 (formerly ES/ENVS 2500 6.00)
- ES/ENVS 2420 3.00 (formerly ES/ENVS 2500 6.00)
- ES/ENVS 2009 3.00 (formerly ES/ENVS 3009 3.00)

Nine credits at the 3000 level from the following list:

- ES/ENVS 3110 3.00
- ES/ENVS 3125 3.00
- ES/ENVS 3130 3.00
- ES/ENVS 3226 3.00
- ES/ENVS 3230 3.00
- ES/ENVS 3310 3.00
- ES/ENVS 3340 3.00
- ES/ENVS 3410 3.00
- ES/ENVS 3420 3.00
- ES/ENVS 3430 3.00
- ES/ENVS 3440 3.00
- ES/ENVS 3450 3.00
- ES/ENVS 3510 3.00
- ES/ENVS 3520 3.00
- ES/ENVS 3521 3.00
- ES/ENVS 3800C 3.00 ES/ENVS 3800J 3.00
- ES/ENVS 3800K 3.00
- ES/ENVS 3800L 3.00
- ES/ENVS 3800M 3.00
- ES/ENVS 3800N 3.00
- ES/ENVS 3800Q 3.00
- ES/ENVS 3800Y 3.00 ES/ENVS 3810A 6.00

Nine credits at the 4000 level from the following list:

- ES/ENVS 4041 6.00
- FS/FNVS 4110 3.00
- ES/ENVS 4111 3.00
- ES/ENVS 4210 3.00 ES/ENVS 4205 3.00
- ES/ENVS 4215 3.00
- ES/ENVS 4223 3.00
- ES/ENVS 4225 3.00
- ES/ENVS 4315 3.00 ES/ENVS 4320 3.00
- ES/ENVS 4410 3.00
- ES/ENVS 4421 3.00
- ES/ENVS 4430 3.00
- FS/FNVS 4440 3.00
- ES/ENVS 4442 3.00
- ES/ENVS 4446 3.00
- FS/FNVS 4447 3.00
- ES/ENVS 4455 3.00
- ES/ENVS 4510 3.00 ES/ENVS 4520 3.00
- ES/ENVS 4521 3.00
- ES/ENVS 4522 3.00
- ES/ENVS 4523 3.00 ES/ENVS 4700 6.00
- ES/ENVS 4800Q 3.00
- ES/ENVS 4810A 6.00

Note: ES/ENVS 3900 and/or ES/ENVS 4900 directed reading/study courses do not fulfill the area of concentration requirements, unless prior approval is received by the undergraduate program director.

Academic Advising and the BES Program Checklist

It is critical that students enrolled in BES programs meet with the program adviser to ensure that all degree requirements are met through a completed BES program checklist form. The advising meeting will guide second-, third- and fourth-year course selections and allow students to discuss future objectives and ensure that the courses selected keep important options open for each student.

The BES program checklist is extremely important; it ensures that all students meet the requirements of their declared area of concentration. Each student is required to submit to the program adviser a **completed** BES program checklist by the end of April. An incomplete or improper submission of a BES program checklist form may result in a delay in registration and may prohibit enrolment in desired and/or required courses.

Students considering the course-based option (CBO) for their program of study are **not** required to enrol in: ES/ENVS 3011 3.00 Introduction to Senior Honours Work or ES/ENVS 4000 6.00 Senior Honours Work Seminar. However, students must select alternative courses in their area of concentration to replace the requirements. Those who have already completed ES/ENVS 3011 3.00 are under no obligation to complete ES/ENVS 4000 6.00 and can still opt for the CBO. Students pursuing the CBO must submit the appropriate petitions form available from the Office of Student Academic Services, 137 HNES.

Please note that those considering taking ES/ENVS 4000 6.00 (i.e. the thesis option) should be prepared to devote a considerable amount of time and attention to their research, analysis and write-up in a relatively unstructured format that some may find very challenging, labour-intensive and time-consuming. Only those who understand this and are committed to such a process should consider the thesis option.

Advising appointments can be made through the main reception line at 416-736-5252 or in person, 137 HNES. Students who fail to follow the above will be blocked from enrolment and registration for fall/winter sessions, unless they have an advising appointment or hand in a **completed** BES program checklist.

Degree Requirements

Honours BES Degree Course Requirements – 120 Credits

Students must pass courses worth a minimum of 120 credits (equivalent to 20 full-year courses) in order to graduate with the Specialized Honours BES degree. At least 60 credits and a maximum of 90 credits shall be environmental studies courses. An overall grade point average of at least 5.00 (C+) must be maintained.

Students choose their courses in the Honours BES program according to the following requirements:

General education (12 credits):

Following York's philosophy of undergraduate education, BES students are required to study in the humanities and natural sciences.

- Humanities requirement: the BES humanities requirement can be satisfied by taking ES/ENVS 1800 6.00 or a 1000-level course (at least six credits) from the following: classical studies; English; French studies; history; humanities; languages, literature and linguistics or philosophy.
- Science requirement: the science requirement is met by taking ES/ ENVS 1500 6.00 Introduction to Science for Environmental Studies or a first-year (six-credit) course from the Faculty of Science and Engineering (excluding natural science courses).

Note: students who declared environmental management as their area of concentration are required to take either ES/ENVS 1500 6.00 or SC/BIOL 1010 6.00 to fulfill their science requirement.

Required core environmental studies courses (18 credits):

- ES/ENVS 1000 6.00
- ES/ENVS 1200 6.00
- ES/ENVS 2009 3.00

or

- ES/ENVS 3010 3.00
- ES/ENVS 3011 3.00*

Notes:

 Students choosing the course-based options (CBO) will not be required to enrol in ES/ENVS 3011 3.00 or ES/ENVS 4000 6.00. However, students must select alternative courses in their declared

- area of concentration to replace the requirements. Those who have already completed ES/ENVS 3011 3.00 are not under any obligation to complete ES/ENVS 4000 6.00 and can still opt for the CBO.
- Students enrolled in the environmental management area of concentration are required to take ES/ENVS 2410 3.00, ES/ENVS 2420 3.00, ES/ENVS 2009 3.00 (formerly ES/ENVS 3009 3.00) and ES/ENVS 3010 3.00.

Area of concentration requirement (at least 12 credits):

- ES/ENVS 2100 6.00
- ES/ENVS 2200 6.00
- ES/ENVS 2300 6.00
- ES/ENVS 2400 6.00

Faculty requirement (27 credits):

A minimum of 27 credits at the 3000 and 4000 level in environmental studies (ENVS) courses in addition to the above. Of these, at least nine credits must be at the 3000 level in the declared area of concentration and at least nine credits must be at the 4000 level in the declared area of concentration. The remaining nine credits will be satisfied by taking ES/ENVS 4000 6.00 and one other three-credit course at the 4000 level. For the course-based option (CBO) students need to take two three-credit 4000-level courses in their area of concentration to replace ES/ENVS 4000 6.00.

Out-of-Faculty elective requirements (24 credits in student area of concentration):

In addition to the general education requirements, students must take 24 credits of electives outside of the Faculty. These courses are selected in the context of the student's program checklist.

Free electives:

Students must take up to 27 credits from any undergraduate program (including FES). These courses are selected in the context of the student's program checklist.

*Note: course-based option (CBO): students requesting the CBO are not required to complete ES/ENVS 3011 3.00, however they must make a formal request at their annual advising appointment and prior to enrolling in the selected course for CBO.

BES Degree Course Requirements – 90 Credits

Students will automatically be placed in the 90-credit bachelor program if they do not achieve or maintain the minimum grade requirements for the Specialized Honours degree program. Students registered for a Specialized Honours degree may choose to graduate with a 90-credit BES if they fulfill that program's requirements.

In order to graduate with a BES degree, a student must successfully complete 90 credits and achieve the minimum grade point average of 4.00 (C) as well as the requirements as outlined below:

General education (at least 12 credits):

Following York's philosophy of undergraduate education, BES students are required to study in humanities and the natural sciences.

- Humanities requirement: the BES humanities requirement can be satisfied by taking ES/ENVS 1800 6.00 or a 1000-level course (at least six credits) from the following: classical studies; English; French studies; history; humanities; languages, literature and linguistics or philosophy.
- Science requirement: the natural science requirement is met by taking ES/ENVS 1500 6.00 Introduction to Science for Environmental Studies or a first-year (six-credit) course from the Faculty of Science and Engineering (excluding natural science courses).

Note: students who declared environmental management: policy, resources and conservation as their area of concentration are required to take either ES/ENVS 1500 6.00 or SC/BIOL 1010 6.00 to fulfill their natural science requirement.

Required core environmental studies courses (15 credits):

- ES/ENVS 1000 6.00
- ES/ENVS 1200 6.00
- ES/ENVS 2009 3.00

or

• ES/ENVS 3010 3.00

Note: students enrolled in the environmental management area of concentration are required to take ES/ENVS 2410 3.00, ES/ENVS 2420 3.00; further, they are required to take both ES/ENVS 2009 3.00 (formerly ES/ENVS 3009 3.00) and ES/ENVS 3010 3.00.

Area of concentration requirement (at least 12 credits):

- ES/ENVS 2100 6.00
- ES/ENVS 2200 6.00
- ES/ENVS 2300 6.00
- ES/ENVS 2400 6.00

Faculty requirement (24 credits):

A minimum of 24 credits at the 3000 or 4000 level in environmental studies (ENVS) courses in addition to the above. Of these, at least 12 credits must be in the declared area of concentration; the remaining 12 credits must be taken in the context of the program checklist.

Out-of-Faculty elective requirements (12 credits):

In addition to the general education requirements, students must take 12 credits of electives outside of the Faculty. These courses are selected in the context of the student's program checklist.

Free electives:

Students must take up to 15 credits from any undergraduate program (including FES). These courses are selected in the context of the student's program checklist.

Students pursuing the 90-credit bachelor in environmental studies are required to declare an area of concentration. Course selection will be determined through the normal academic advising and program checklist processes.

Honours Double Major, Honours Major/Minor, Concurrent Education Program

In addition to taking courses in the BES program, students have the opportunity to decide to specialize in a specific subject or combination of subjects. The area or primary concentration is known as the major. An area of secondary concentration (if any) is known as the minor. In such cases, an application must be made using the application form available through the Current Students Web site (http://www.yorku.ca/yorkweb/cs.htm). This request is subject to approval by the undergraduate program director and the other academic unit involved. Each program sets the details of the requirements for each double major or minor program with options available in the Faculties of Fine Arts, Health, Liberal Arts and Professional Studies and Science and Engineering. BES students should consult the York University Undergraduate Calendar or the York University Web site (http://www.yorku.ca) for specific program requirements.

General Requirements

Regardless of the type of combination degree that is sought, Honours Double Major or Honours Major/Minor, all students will have a "home" Faculty; students enrolled in the Faculty of Environmental Studies will receive a BES degree upon successful completion of their program; students in the Faculty of Liberal Arts and Professional Studies will receive a BA; students in the Faculty of Fine Arts will receive a BFA or BA; students in the Faculty of Health will receive a BA or BSc and students in the Faculty of Science and Engineering will receive a BSc.

All students in these programs must maintain Honours standing; for Faculties of Fine Arts, Health, Liberal Arts and Professional Studies or Science and Engineering that will mean a cumulative grade point average of 5.00 (C+) over all courses including those in environmental studies; for Faculty of Environmental Studies students that will mean a cumulative grade point average of 5.00 (C+) over all courses including those in the Faculties of Fine Arts, Health, Liberal Arts and Professional Studies or Science and Engineering. Students must meet the degree and program requirements of their home Faculty.

Degree Double Major Requirements in Environmental Studies

Students whose home Faculty is Health or Liberal Arts and Professional Studies, who want to pursue a major in environmental studies are required to complete seven full courses (42 credits) in environmental studies:

- ES/ENVS 1000 6.00
- two full-courses (12 credits) in the "foundations" series at the 2000 level (2100, 2200, 2300 or 2400)
- ES/ENVS 2009 3.00 (formerly ES/ENVS 3009 3.00)

or

- ES/ENVS 3010 3.00
- · nine credits at the 3000 level
- 12 credits at the 4000 level

Note: Faculty of Liberal Arts and Professional Studies students in the linked interdisciplinary Science and Society program are required to complete six full courses (36 credits). Urban studies students who have declared environmental studies as their double major before September 2002 are required to complete 36 credits in environmental studies. Effective September 2002, students who declare environmental studies as a double major with urban studies are required to satisfy the 42 credits requirement listed above.

Degree Minor Requirements in Environmental Studies

Students whose home Faculty is Fine Arts, Health, Liberal Arts and Professional Studies or Science and Engineering, who want to pursue a minor in environmental studies, are required to complete five full courses (30 credits) in environmental studies:

- ES/ENVS 1000 6.00
- two full-courses (12 credits) in the "foundations" series at the 2000 level (2100, 2200, 2300 or 2400)
- · six credits at the 3000 level or higher
- six credits at the 4000 level

Students should be aware that in order to complete the requirements of the Honours Double Major or Honours Major/Minor programs it may be necessary to complete more than 120 credits.

Second Major/Minor Options for BES Students

Faculty of Fine Arts

BES students may apply to do a minor in any of the disciplines within the Faculty of Fine Arts with the exception of the Design program. Students should consult the York Undergraduate Calendar and visit the Faculty of Fine Arts for information on specific programs at http://www.yorku.ca/finearts/.

Faculty of Health Studies

Faculty of Environmental Studies students pursuing an Honours Major in environmental studies may combine their program with an Honours Double Major or an Honours Major/Minor program with the Faculty of Health, subject to the following regulations.

Honours Double Major and Honours Minor options may be pursued with the Faculty of Environmental Studies in the following Faculty of Health BA programs:

- · Kinesiology and Health Science
- Psychology

Faculty of Liberal Arts and Professional Studies

Students in the BES program may apply to pursue an Honours Double Major program or an Honours Major/Minor program in many disciplines in the Faculty of Liberal Arts and Professional Studies along with their major in environmental studies. Second major programs are available with any seven- or eight-course major discipline. Minors may be pursued in several programs. For detailed information on requirements and application forms, please consult the departmental offices and York Undergraduate Calendar at http://calendars.registrar.yorku.ca.

Faculty of Science and Engineering

BES students who want to integrate their interest in environmental studies with science may apply to pursue an Honours Minor with the following Faculty of Science and Engineering programs:

- Biology
- Chemistry
- · Earth and Atmospheric Science
- Mathematics
- Physics and Astronomy

Students who intend to apply to any of these programs must complete relevant science courses in high school and take their University first-year environmental science course from Faculty of Science and Engineering instead of the ES/ENVS 1500 6.00 course offered in FES. For detailed information, please consult the York Undergraduate Calendar at: http://calendars.registrar.yorku.ca.

Faculty of Education Concurrent Education Program

The Faculty of Education at York University offers the BEd degree in both a consecutive program (i.e. requiring a one-year period of study after obtaining a bachelor's degree), and a concurrent program, where students who are enrolled in the BES program may apply to coregister in the Faculty of Education.

BES students may apply to enter the concurrent program after completing one or two years in the BES program. Candidates admitted to the Concurrent Education program would add a minimum of one year to their undergraduate studies. Successful candidates then work to complete their BES program in addition to completing their education studies for a bachelor of education degree.

Admission requirements for the Concurrent Education program:

- You must have a minimum of 24 credits (four full courses) of the first year of undergraduate studies or the equivalent or have a minimum of 36 credits (six full courses) left to complete your academic degree.
- You must have a minimum C+ overall average or Honours standing, and be admitted to and continuing in an undergraduate program (in this case, Environmental Studies).
- Selection is based on grade point average, related experience (as a classroom volunteer, coach, mentor, tutor etc.), a personal statement, an interview and two letters of reference.

Successful coregistrants are usually selected on the basis of educationrelated experience, references, university grade point averages and individual interviews. Applications should be directed to the Faculty of Education. The application deadline is in early March of each year.

For further information, please visit the Faculty of Education Web site at http://www.edu.yorku.ca/academicprograms/.

BES Certificate Programs

While working towards the completion of their BES degree, students may opt to pursue a certificate in addition to their degree program. Students can choose from one of four areas: geographic information systems and remote sensing, community arts practice, refugee and migration studies or urban ecologies. In order to do so, students are required to complete a number of required and elective courses, in addition to completing other degree requirements. Contact the FES Office of Student and Academic Services, 137 HNES, for more information on applying to these certificate programs.

Minimum Requirements for Multiple Certificates

Students may acquire more than one certificate during the course of their studies provided that at least 18 credits in each certificate program are unique to the specific certificate.

Residency Requirements

The University residency requirement for undergraduate certificate programs is 18 credits for certificate programs requiring up to 36 credits, and 50 per cent of the required credits for certificates comprising more than 36 credits. Normally, for undergraduate certificate programs requiring 18 credits or less, all credits are completed at York.

Certificate in Geographic Information Systems (GIS) and Remote Sensing

York University degree candidates and non-degree students may earn a Certificate in GIS and Remote Sensing. GIS and Remote Sensing encompasses the art, science and technology involved in collecting and managing geographically-referenced information.

Required courses (24 credits):

- ES/ENVS 1000 6.00
- ES/ENVS 2009 3.00 (formerly ES/ENVS 3009 3.00)
- ES/ENVS 3520 3.00
- ES/ENVS 3521 3.00
- ES/ENVS 4520 3.00
- ES/ENVS 4521 3.00

٥r

- ES/ENVS 4522 3.00
- 3.00 credits from the following list of elective courses.

Elective courses:

- ES/ENVS 3225 3.00
- ES/ENVS 3226 3.00
- ES/ENVS 4455 3.00
- SC/EATS 4220 3.00
- SC/EATS 4230 3.00AP/SC/GEOG 2130 3.00
- AP/SC/GEOG 2350 3.00
- AP/GEOG 3140 3.00
- AP/GEOG 4240 3.00

Note: students intending to pursue the GIS certificate with the Faculty of Environmental Studies should enrol in ES/ENVS 2009 3.00 in their second year of study.

Other requirements:

Students working towards this certificate must:

- maintain a cumulative grade point average of 6.00 (B) in the certificate required courses and achieve a cumulative grade point average of 5.00 (C+) in all courses; and
- register in the program after completing 24 credits.

Students who have been exempted from any of the required courses or non-degree students who have successfully completed the equivalent of any of the required courses must substitute additional credits from the certificate program elective courses list, for an overall total of 24 credits in the certificate program.

Certificate in Community Arts Practice (CAP)

The Certificate in Community Arts Practice (CAP) may be completed either concurrently with a degree program at York University or completely separate from an active degree program. Candidates who previously completed an undergraduate degree in a related field must have a minimum grade point average of 5.00 (C+). As well, individuals without an undergraduate degree but have previous relevant work experience may also apply to this program. Consideration of non-degree applicants will be based on the level and appropriateness of their work experience and applicants may be invited to an interview by the program coordinator.

The certificate prepares students to collaborate with communities to make art of all forms, to express diverse identities, to explore and take action on social and environmental issues. Students develop artistic skills, deepen their social analysis and learn to facilitate creative processes with groups working for social change.

Requirements for the Community Arts Practiced (CAP) Certificate

12 credits of core courses:

- ES/ENVS 2122 3.00 (cross-listed to: FA/FACS 2122 3.00)
- ES/ENVS 3122 3.00 (cross-listed to: FA/FACS 3122 3.00)
- ES/ENVS 4122 6.00 (cross-listed to: FA/FACS 4122 6.00)

12 credits of electives: select at least one course from each of the following four categories:

Community and popular education:

- ES/ENVS 3125 3.00
- FA/THEA 4200 6.00
- FA/THFA 4440 6.00
- FA/VISA 3001B 3.00
- FA/YSDN 3104 3.00

Introductory or advance studio courses in an artistic discipline:

- FA/DANC 2501 3.00
- ES/ENVS 1800 6.00
- ES/ENVS 4100 3.00
- FA/FACS 1939 3.00
- FA/FACS 2930 6.00
- FA/FILM 1010 3.00
- FA/FILM 3002 6.00
- FA/MUSI 1000 6.00FA/MUSI 1011 3.00
- FA/MUSI 1012 3.00
- FA/101031 1012 3.00
- FA/MUSI 1014 3.00
- FA/MUSI 1043 3.00
- FA/MUSI 1556 3.00
- FA/THEA 1520 3.00
- FA/THEA 1521 3.00
- FA/THEA 2060 3.00
- FA/THEA 2061 3.00
- FA/THEA 2090 3.00
- FA/THEA 2091 3.00
- FA/THEA 2600 6.00FA/VISA 2053 3.00
- FA/VISA 2053 3.00
- FA/VISA 2055 3.00
- FA/VISA 2056 3.00
- FA/VISA 2070 3.00
- FA/VISA 2071 3.00
- FA/VISA 2073 3.00
 FA/VISA 2074 3.00
- FA/VISA 2024 3.00
- FA/VISA 2033 3.00
- FA/VISA 2034 3.00FA/VISA 2065 3.00
- FA/VISA 2066 3.00
- FA/VISA 3053 3.00
- FA/VISA 3021 6.00
- FA/VISA 3022B 3.00
- FA/VISA 3022D 3.00
 FA/VISA 3032F 3.00
- FA/VISA 3051 6.00
- FA/YSDN 1001 3.00
- FA/YSDN 1002 3.00
- FA/YSDN 1010 3.00

Advanced community-related artistic practice:

- FA/DANC 2510A 3.00
- FA/DANC 2510B 3.00
- FA/DANC 2510C 3.00
- FA/DANC 2510D 3.00
 FA/DANC 3259 3.00
- ES/ENVS 3800Y 3.00
- ES/ENVS 4420 3.00
- FA/FACS 2960A 3.00
- FA/FACS 3100 3.00
- FA/FACS 3900A 3.00
- FA/FACS 3900M 3.00
- FA/FACS 4934 3.00

- FA/THEA 4450A 3.00
- FA/THEA 4450A 6.00
- FA/THEA 4460 6.00
- FA/VISA 3053 3.00 (cross-listed to: FA/FILM 3331 3.00)

Critical social analysis:

- FA/DANC 2540 3.00
- ES/ENVS 3151 3.00
- ES/ENVS 3160 3.00
- ES/ENVS 3225 3.00
- ES/ENVS 4161 3.00
- ES/ENVS 4223 3.00
- FA/FACS 2400 6.00
- FA/FACS 2900 6.00
- FA/FACS 3500 3.00
- FA/FACS 4970A 3.00
- FA/VISA 3001 3.00
- FA/THEA 4270B 3.00
- FA/THEA 42/0B 3.00
- FA/THEA 4270B 6.00
- FA/THEA 4331 3.00
- FATHEA 4331 6.00
- FA/YSDN 1101 3.00
- FA/YSDN 3105 3.00
- FA/YSDN 3106 3.00

Other requirements:

Students working towards this certificate must:

- meet the minimum cumulative grade point average (CGPA) requirement for an Honours program.
- to receive the certificate, candidates must achieve a cumulative grade point average (GPA) of 4.00 or greater in the courses taken to satisfy certificate requirements; and, York students must complete their degree in order to be granted the certificate.

Note: BES students pursing the CAP certificate are not required to enrol in ES/ENVS 3011 3.00 and ES/ENVS 4000 6.00. Information on elective courses is available by contacting the Faculty of Environmental Studies and the Faculty of Fine Arts.

General Certificate in Refugee and Migration Studies

Faculty of Environmental Studies students may earn a General Certificate in Refugee and Migration Studies while, and in addition to, fulfilling the requirements for the BES program.

Students should apply to enter the certificate program at the beginning of their third year. Students admitted to the certificate program must submit a completed checklist for the General Certificate in Refugee Migration Studies to the education coordinator at the Centre for Refugee Studies (CRS), to ensure that all certificate requirements have been considered. Further information is available from the education coordinator, Centre for Refugee Studies, or the coordinator's academically accredited designate.

Required courses:

AP/SOSC 1130 9.00

or

• AP/SOSC 2000 6.00

or

- AP/GEOG 2310 6.00
- three additional pre-approved full courses (18 credits) of which 12 credits must be at 3000 or 4000 level.

A list of pre-approved environmental studies courses follows. Other relevant courses may be selected and submitted for approval with the student's study plan, which must be reviewed by the education coordinator, Centre for Refugee Studies or the coordinator's designate.

Environmental studies courses for the General Certificate in Refugee and Migration Studies:

- ES/ENVS 2300 6.00
- ES/ENVS 3160 3.00
- ES/ENVS 3310 3.00
- ES/ENVS 4210 3.00
- ES/ENVS 4220 3.00ES/ENVS 4312 3.00

Other requirements:

To be awarded the certificate, students must:

- maintain a minimum cumulative grade point average of 5.00 (C+) or higher in the certificate required courses.
- must attend a minimum of eight Centre for Refugee Studies seminar presentations over the course of their degree.
- must complete 15 hours of volunteer participation in the Student Caucus and/or Centre for Refugee Studies activities.

Other courses are listed in the Faculties of Glendon and Liberal Arts and Professional Studies sections of the Undergraduate Calendar. For more information, please visit the Centre for Refugee Studies Web site at http://www.yorku.ca/crs/.

Certificate in Urban Ecologies

The Urban Ecologies (UE) Certificate is an interdisciplinary program designed to help you learn how the many conflicts between the natural and urban environments emerge, is represented and can be addressed. The certificate program emphasizes urban ecology as an innovative and interactive approach to critically study the social and biophysical configuration of urban landscapes, places, sites and ecologies.

Through this certificate, you will develop theoretical and practical knowledge to help address complex contemporary urban environmental challenges through thoughtful planning, design and ecological action.

Application form:

The certificate is open to any York University student enrolled in an undergraduate Honours program. To register for the Urban Ecologies Certificate program, you must fill out the urban ecologies application form and submit it to the Office of Student and Academic Services (OSAS) in 137 HNES. Your application will be forwarded to the Urban Ecologies program coordinator.

Required courses (24 credits):

- ES/ENVS 3230 3.00
- ES/ENVS 3710 3.00
- FS/FNVS 3740 3.00
- ES/ENVS 3760 3.00
- ES/ENVS 4225 3.00
- ES/ENVS 4700 6.00
- ES/ENVS 4750 3.00

Other requirements:

To be awarded this certificate, students must:

- maintain a minimum grade of 5.00 (C+) in each course credited to the certificate.
- maintain a cumulative grade point average of 5.00 (C+).

Note: BES students pursing the Urban Ecologies Certificate are not required to enrol in ES/ENVS 3011 3.00 and ES/ENVS 4000 6.00.

BES Joint Programs

Joint programs offer students the opportunity to receive a combined university degree and a college diploma from either Seneca College or Sir Sandford Fleming College and a certificate from Humber College in what would otherwise take seven years. The York/Humber program may be completed in four years, while the York/Seneca and York/Sir Sandford Fleming programs are five years in duration. These accelerated programs can begin either at the respective college or at York University (with the exception of the York/Humber joint program) and are then completed at the partner institution. Students enrolled in joint programs must fulfill the joint program requirements of both institutions.

Students who are enrolled in FES are required to complete a minimum of 90 credits within the first three years of the joint program with a minimum 5.00 (C+) grade point average, including core, Faculty, area of concentration and general education requirements. They are also required to submit an application to the joint program at the respective college in October of their third year of study.

With the exception of the York/Humber joint program, students who begin their diploma at the college should apply to the joint program in Faculty of Environmental Studies through the normal York admission process in the final year of their diploma. Acceptance is contingent upon students successfully completing the diploma with a minimum 3.00 grade point average at the college. Successful applicants will be awarded 60 block credits toward their BES program. Students who choose to opt out of the joint program at York and attend another program or do not meet the cumulative grade point average required for Honours standing, will have their advanced standing re-evaluated.

Note: students enrolled in the 90-credit BES degree program are not eligible to apply to any joint program directly.

York/Humber College Joint Program in International Development Management Studies (Formerly International Project Management)

York University students in the BES program may apply to the Joint Program in International Development Management Studies at Humber College at the beginning of their third year of studies and must maintain a minimum grade point average of 5.00 (C+). Upon successful completion of the joint program, students receive an Honours BES degree and a post-diploma Certificate in International Development Management Studies. Students who intend to pursue this option must declare environmental politics as their area of concentration and must fulfill those requirements.

Note: admission to this joint program is contingent upon Humber College's own admissions criteria and is, therefore, not automatic or guaranteed. To be considered for admission, applications to Humber College must be submitted by February 1 through the Ontario College Application Centre.

BES Degree Requirements

Year 1 - (30 credits):

- ES/ENVS 1000 6.00
- ES/ENVS 1200 6.00
- ES/ENVS 1500 6.00
- humanities (six credits)
- electives (six credits)

Year 2 - (30 credits):

• ES/ENVS 2009 3.00

or

- ES/ENVS 3010 3.00
- ES/ENVS 2300 6.00
- ES/ENVS 2400 6.00
- electives (15 credits): recommended to include AP/ANTH 1110 6.00

Year 3 - (30 credits):

- ES/ENVS 3000 3.00
- ES/ENVS 3226 3.00

or

- ES/ENVS 3310 3.00
- ES/ENVS 3340 3.00
- ES/ENVS 3430 3.00
- 18 credits at the 4000 level from the area of concentration in environmental politics

Year 4 - at Humber College:

Course selections will be determined by the Humber College program coordinator during an individual advising appointment.

For more information on the Humber College program, visit http://postgraduate.humberc.c/20501.htm.

York/Seneca Joint Program in Urban Sustainability

York University students in the Honours BES program may apply to the Joint Program in Urban Sustainability (JPUS) at Seneca College during their third year of studies and must maintain a minimum grade point average of 5.00 (C+). After successfully completing the JPUS, students will receive their Honours bachelor in environmental studies degree and

their civil engineering technology diploma. Students who intend to pursue this option must declare Urban and Regional Environments as their area of concentration and must fulfill those requirements.

Note: admission to this joint program is contingent upon Seneca College's own admissions criteria and is, therefore, not automatic or quaranteed.

BES Degree Requirements

Year 1 - Five full courses (30 credits):

- ES/ENVS 1000 6.00
- ES/ENVS 1200 6.00
- ES/ENVS 1500 6.00 (students may take SC/BIOL 1010 6.00 or SC/BIOL 1410 6.00 instead if they have Grade 12 biology and chemistry)
- humanities (six credits)
- · electives (six credits)

Year 2 - Five full courses (30 credits):

- ES/ENVS 2200 6.00
- ES/ENVS 2400 6.00
- ES/ENVS 2410 3.00
- ES/ENVS 2420 3.00
- AP/SOSC 2710 9.00

or

- AP/SOSC 2730 6.00
- · electives (six credits)

Year 3 - Five full courses (30 credits):

- ES/ENVS 3000 3.00
- ES/ENVS 2009 3.00
- ES/ENVS 3225 3.00
- ES/ENVS 3226 3.00
- ES/ENVS 4225 3.00
- 15 credits at the 4000 level from the area of concentration in urban and regional environments.

Years 4 and 5 - at Seneca College:

Course selections will be determined with the Seneca program coordinator during an individual advising appointment.

Degree Requirements for Students Enrolling at York After Completing their Technologist Program at Seneca College

Year 1 - (30 credits):

- ES/ENVS 1000 6.00
- · humanities (six credits)
- · 12 credits of foundations courses
- ES/ENVS 2200 6.00

plus one of the following courses:

- ES/ENVS 2100 6.00
- ES/ENVS 2300 6.00
- ES/ENVS 2400 6.00
- electives (six credits)

Year 2 - (30 credits):

- ES/ENVS 3000 3.00
- ES/ENVS 3225 3.00
- ES/ENVS 3226 3.00
- three credits at the 3000 level from urban and regional environments ES/ENVS 4225 3.00
- 15 credits in FES at the 4000 level from the area of concentration in urban and regional environments

Course Credit Exclusions for Seneca Technologist Students at York

Students entering the Joint Program in Environmental Studies from Seneca College will be exempted from the following courses: ES/ENVS 1200 6.00, ES/ENVS 1500 6.00, ES/ENVS 2500 6.00, ES/ENVS 2410 3.00, ES/ENVS 2420 3.00.

For more information on the Seneca College program, visit: http://www.senecac.on.ca/civil/.

York/Sir Sandford Fleming Joint Program in Ecosystem Management

York University students in the Honours BES program may apply to the Joint Program in Ecosystem Management (JPEM) at Sir Sandford Fleming (SSFC) during their third year of studies, and must maintain a minimum grade point average of 5.00 (C+). After successfully completing the JPEM, students will receive their Honours BES degree and their ecosystem management technologist diploma.

Note: admission to this joint program is contingent upon Sir Sandford Fleming College's own admissions criteria and is, therefore, not automatic or guaranteed.

Degree Requirements for Students First Enrolling in the BES Program at York

Year 1 - (30 credits):

- ES/ENVS 1000 6.00
- ES/ENVS 1200 6.00
- ES/ENVS 1500 6.00 (students may take SC/BIOL 1010 6.00 or SC/BIOL 1410 6.00 instead if they have Grade 12 biology and chemistry)
- · humanities (six credits)
- electives (six credits: SC/CSE 1520 3.00 and SC/CSE 1540 3.00 recommended)

Year 2 - (30 credits):

- ES/ENVS 2100 6.00
- ES/ENVS 2400 6.00
- ES/ENVS 2410 3.00
- ES/ENVS 2420 3.00
- SC/BIOL 2050 3.00 (students must inquire at the Biology Department for prerequisites)
- · electives (nine credits)

Year 3 - (30 credits):

- ES/ENVS 2009 3.00
- ES/ENVS 3010 3.00
- six credits at the 3000 level (chosen from the area of concentration in environmental management)
- 18 credits at the 4000 level (chosen from the area of concentration in environment management)

Years 4 and 5 - (at SSFC):

Course selections will be determined by the Sir Sandford Fleming program coordinator during an individual advising appointment.

York Course Credit Exclusions for SSFC

York students who have taken ES/ENVS 3520 3.00 and ES/ENVS 3521 3.00 while in the BES program will be exempted from the introductory course in GIS at SSFC and will take an elective course instead.

Degree Requirements for Students Enrolling at York After Completing their SSFC Technologist Program

Year 1:

- ES/ENVS 1000 6.00
- · humanities (six credits)
- ES/ENVS 2400 6.00
- ES/ENVS 3000 3.00
- electives (nine credits)

Year 2:

- 12 credits at the 3000 or 4000 level (from the area of concentration in environmental management)
- 18 credits in FES at the 4000 level (from the area of concentration in environmental management)

Course Credit Exclusions for SSFC Technologist Students

Students entering the Joint Program in Environmental Studies from SSFC will be exempted from the following courses: ES/ENVS 1200 6.00, ES/ENVS 1500 6.00, ES/ENVS 2009 3.00, ES/ENVS 3009 3.00, ES/ENVS 3010 3.00, ES/ENVS 2410 3.00, ES/ENVS 2420 3.00.

Course credit exclusions may apply to ES/ENVS 3520 3.00 (GIS), ES/ENVS 3521 3.00 (Remote Sensing), ES/ENVS 4442 3.00 (Environmental Monitoring), ES/ENVS 4520 3.00 (GIS Applications), depending on the courses students have taken at SSFC.

For more information on the SSFC program, visit: http://www.flemingc.on.ca.

Academic Honours

The Faculty recognizes the academic excellence of its students in appropriate ways. The following honours will be recorded on a student's transcript.

Scholarships and Merit Awards

These include FES Awards and Scholarships, Merit Awards, Entrance Scholarships, Renewable Scholarships and In-Course Scholarships.

Sessional Dean's Honour Roll

The Dean's Honour Roll recognizes a student's academic achievements in a given session based on the following criteria:

- students taking 12 to 17 credits in a given session and have attained a sessional grade point average of 8.00.
- students taking 18 or more credits in a given session and have attained a sessional grade point average of 7.50.

Graduating Honours

Students with high grade point averages are eligible for the following honours upon graduation from the Faculty:

Specialized Honours BES Degree - 120 Credits

- Summa cum laude: cumulative grade point average 8.00+
- Magna cum laude: cumulative grade point average 7.80 to 7.99
- Cum laude: cumulative grade point average 7.50 to 7.79
- Member of the Dean's Graduating Honour Roll: cumulative grade point average 7.00+
- Dean's Sessional Honour Roll: 8.00 sessional cumulative grade point average on 12 to 17 credits or 7.50 sessional cumulative grade point average on 18 or more credits.

BES Degree – 90 Credits

- With Distinction: cumulative grade point average 8.00+
- With Merit: cumulative grade point average 7.50 to 7.99
- Member of the Dean's Graduating Honour Roll: cumulative grade point average 7.00 to 7.49
- Dean's Sessional Honour Roll: 8.00 sessional cumulative grade point average on 12 to 17 credits or 7.50 sessional cumulative grade point average on 18 or more credits.

FES Policy on Student Work

All written or visual work that is submitted as part of an academic program must be submitted in hardcopy (not electronically), unless previously agreed to by the instructor or adviser.

Please note that the above policy statement outlines the required format for submission of student work for a course and/or an academic program, as outlined in BES course syllabi.

Grading and Academic Standards

The Faculty of Environmental Studies follows the York University undergraduate grading scheme which awards letters ranging from A+ to F and assigns a point value from 0 to 9 to each letter grade. The various grades that may be awarded in satisfying the requirement of a BES course or assignment are outlined in the Undergraduate Handbook, available at the Office of Student and Academic Services in 137 HNES.

BES Term Work, Tests and Examinations

Term work: term work includes reports, assignments, essays, tests, and other written and oral work assigned in a course, with the exception of final examinations, as outlined in the approved course syllabus. Course directors set the deadlines for submission of term work. All term work must be submitted by the last day of classes of the term in which the course ends. Term work submitted after the last day of classes of the term in which the course ends will not be accepted for grading. Students will be penalized five per cent of the value of the assignment per day that their assignment is late. Exceptions to the lateness policy for valid reasons such as illness, compassionate grounds etc. will be entertained by the course director only when supported by written documentation (e.g. a doctor's letter)

Examinations: examinations may be held in any BES course in such form and manner as decided by the course director and as described in the approved course syllabus. Examinations are an essential part of the learning and evaluation process. They must be conducted under fair conditions which allow students to analyse, synthesize, and demonstrate what they have learned. Disruptions or attempts to obtain an unfair advantage are offences against due academic processes and carry severe penalties.

End of term restrictions: the total value of any test(s) or examination(s) given during the last two weeks of classes in a term must carry a combined weighting of no more that 20 per cent of the final mark for the course. *Note:* exceptions are made for some third- and fourth-year courses, such as seminars that often have one or two major assignments due at the end of the term.

Scheduling of tests: except where testing is conducted during individual appointments which accommodate a student's schedule (e.g. individually scheduled make-up tests), tests or examinations given during the term must be held within the hours regularly scheduled for the course in question.

Students' rights of refusal: students who are asked to write tests or examinations in contravention of the preceding two regulations may refuse to do so without academic penalty. They also have the right to raise the matter with the undergraduate program director.

General Regulations for Tests and Examinations

Identification: students who are being tested or examined are required to present their YU-card and/or an acceptable form of photographic identification when asked to do so by an instructor or invigilator. Acceptable forms of photographic identification include a valid driver's license with photograph attached, a valid passport or other certificate of citizenship with photograph attached.

Formally Scheduled Examinations

Final examination period: there is a final examination period at the end of each term, as published on the Current Students Web site.

Examination schedules: the dates, times and places of formally scheduled examinations are published each term on the Current Student's Web site (http://www.yorku.ca/yorkweb/cs.htm). Examinations may last two or three hours. Students are responsible for making themselves aware of the appropriate examination details.

Missed examinations: a student who misses an examination must contact the Office of Student and Academic Services or the Registrar's Office within 48 hours of the examination. A student who wishes to write a make-up examination must petition for deferred standing in the course.

Rewriting of examinations: there shall be no rewriting of a final examination to improve a mark.

Assessment of Students in BES Courses

The course director shall assess students enrolled in each BES course in light of the requirements set at the beginning of the course as articulated in the course syllabus. These assessments shall be based on a combination of tests or formal examination(s), participation in classes, term work submitted, and other evidence as determined by the course director.

Marking Scheme

- Announcement in class: the means of determining the final grade in a course shall be provided to students by the course director. Such information must include the types of assignments, essays, examinations, and other components, which make up the grade, their relative weight(s), and any other procedures, which enter into the determination of the final grade.
- Subsequent changes: in exceptional circumstances, a previously announced marking scheme for a course may be changed, but only with the consent of all students and the approval of the undergraduate program director. The course director must distribute the new marking scheme in written form to the students.
- Feedback during course: instructors are obliged to provide a mechanism by which students can be apprised of their progress in a course and that the grading scheme (i.e. kinds and weights or assignments, essays, exams etc.) be announced, and be available in writing, within the first two weeks of class, and that, under normal circumstances, graded feedback worth at least 15 per cent of the final grade for fall, winter or summer term, and 30 per cent for "full year" courses offered in the fall/winter term be received by students in all courses prior to the final withdrawal date from a course without receiving a grade, with the following exceptions:
 - graduate or upper-level undergraduate courses where course work typically or at the instructor's discretion, consists of a single piece of work and/or is based predominantly (or solely) on student presentations (e.g. honours theses or graduate research papers not due by the drop date etc.);
 - practicum courses;
 - ungraded courses;
 - courses in Faculties where the drop date occurs within the first three weeks of classes;
 - courses which run on a compressed schedule (a course which accomplishes its academic credits of work at a rate of more than one credit hour per two calendar weeks).

Note: under unusual and/or unforeseeable circumstances which disrupt the academic norm, instructors are expected to provide grading schemes and academic feedback in the spirit of these regulations, as soon as possible.

Alternate Grading Method

Pass/Fail

Students in the Faculty of Environmental Studies can request a pass/fail option only after completing 24 credits. Courses taken under the pass/fail option will be annotated on their transcript as "Pass" or "Fail." Neither of these grades will be calculated into their grade point average. The following rules apply to the pass/fail option:

- only students who have good academic standing may choose this option (i.e. above 4.00 (C) or 5.00 (C+) grade point average, depending on degree program);
- students are required to have completed 24 credits before requesting this option:
- courses taken under this option may not be used to satisfy major, minor, general education or certificate requirements or 1000-level science courses;
- students in the Honours BES program can take a maximum of 12 credits on the pass/fail option;
- students in the 90-credit BES program may take a maximum of six credits on the pass/fail option;
- students who intend to take a course on the pass/fail option must request to do so within the first two weeks of classes in the term in which the course is being offered;

- students are required to fill out an application form available at Student Client Services or online at the Current Students Web site (http://www.yorku.ca/yorkweb/cs.htm). The student will return the completed form with the course director's approval to Student Client Services:
- students who select the pass/fail grading option can switch back to a graded option without academic penalties until the last day to drop the course.

Repeated Passed or Failed Courses

Students may repeat either a passed or failed course once for academic degree or certificate credit, only if the student has failed to achieve sufficient standing to proceed in a core or prerequisite course in a degree or certificate program and if no alternative remedies are provided (e.g. alternative qualifying examination). Students should note that course availability and space considerations may preclude the possibility of repeating a course in the session they choose.

A course can be credited only once towards satisfaction of degree or certificate academic credit requirements. When a student is allowed to repeat a course for academic degree or certificate credit, the second grade will be the grade of record and the only grade calculated in the students' grade point average (major, cumulative, sessional and overall). The grade for the repeated course will remain the grade of record, regardless of the number of times that the course is repeated; the first instance of the course being taken will appear on the student's transcript with the designation NCR (No Credit Retained).

A student must be declared eligible to proceed in a degree or certificate program in order to be eligible to repeat a course. Restrictions regarding repeating a passed or failed course also apply to cross-listed courses and course credit exclusions.

Students who repeated a passed course prior to fall 2004 may submit a petition to their home Faculty.

Grade Reappraisals

Reappraisal of Final BES Course Grades

Students may, with sufficient academic grounds, request that a final grade in a course be reappraised (which may mean the review of specific pieces of tangible work). Non-academic grounds are not relevant for grade reappraisals; in such cases, students are advised to petition to their home Faculty. Students are normally expected to first contact the course director to discuss the grade received and to request that their tangible work be reviewed. Tangible work may include written, graphic, digitized, modelled, video recording or audio recording formats, but not oral work.

Students need to be aware that a request for a grade reappraisal may result in the original grade being raised, lowered or confirmed.

In the event that students are still not satisfied with the final grade **or** the course director is not available to review the work, they may submit in writing a formal request for a grade reappraisal to the department or unit in which the course is offered*. The Senate approved deadline for submitting grade reappraisals is within three weeks of the release of final grade reports in any term. Exercising discretion about minor delays in meeting the deadline which result from slow mail delivery or extraordinary circumstances is reasonable.

*The exceptions are as follows:

- For courses offered by Osgoode Hall Law School, Schulich School of Business and the Faculty of Education, the requests for reappraisal are submitted to the office of the relevant associate dean.
- If the condition of sufficient academic grounds has been met, the relevant department committee, department Chair, associate dean or graduate/undergraduate program director will be responsible for ensuring that the work is reappraised by an appropriate faculty member, ensuring anonymity of both the student and the reappraiser and for communicating the result of the reappraisal (including the reappraiser's comments) and the route of appeal to both the student and the course director. The reappraiser will be given the nature of the assignment and the rationale for the original grade. It is expected that every effort will be made to render the decision within 30 days of the reviewer having received the work.

Date by Which to Request a Grade Reappraisal

Requests for grade reappraisals must be submitted by the scheduled date for the term in which a course is completed and the grade released.

Winter term - June 15

Summer term - September 30

Fall term - February 15

In all cases, a minimum of 21 days from the date of the release of grades will be allowed. Whenever the grade reappraisal reflects a grade change it will be annotated on the student's transcript.

Further Appeal for Reappraisal of a Final BES Course Grade

If the student is not satisfied with a reappraised final course grade, the procedure shall be as follows:

- the course director and the student shall discuss the matter with the undergraduate program director, who may or may not arrange another reappraisal;
- if the matter remains unresolved, the student may appeal the grade by petition on the appropriate form provided by the Office of Student and Academic Services to the BES program and Admissions Subcommittee, clearly stating the grounds for appeal;
- the decision of the BES program and Admissions Subcommittee shall be final, and may be appealed to the FES Appeals Committee only on grounds of procedural irregularity.

Reappraisal of Grades Other Than Final Course Grades

If a student is not satisfied with any grade — other than a final course grade — received from an instructor or teaching assistant, the student is expected to discuss the matter (and at such time may request a reappraisal) with the person from whom the student received the grade, normally within two weeks. A reappraisal may result in a lower, higher or unchanged grade. If the student is not satisfied with the result of the reappraisal, the instructor or teaching assistant (where appropriate) shall discuss the matter with the course director. The course director shall decide whether or not to reappraise the student's work and the decision is final for all grades other than final course grades.

Deferred Standing

In some cases, students may be eligible for deferred standing (an extension) to write a test or final examination or to complete an assignment after the Faculty's deadline for submission of term work. Senate policy states that students must request deferred standing through the department responsible for the course within one week following a missed examination or the last day to submit course work.

Students are responsible for ensuring that full documentation (medical or other) is provided in support of a petition for deferred standing. Application forms are available at Student Client Services or online at the Current Students Web site (http://www.yorku.ca/yorkweb/currentstudents/mystudentrecords), under My Grades and Transcripts.

Aegrotat Standing

In cases where a student cannot be expected to complete the work for a course, the phrase "aegrotat standing" (from the Latin for "she/he is ill") is substituted for a grade on the transcript. Aegrotat standing is seldom granted, and only in exceptional circumstances where deferred standing is inappropriate. For more information, please contact your course director.

Academic Penalties

Students whose academic record does not meet Faculty standards are subject to the academic penalties of academic warning, required withdrawal, debarment warning, debarment and academic probation.

Academic Warning

Students whose cumulative grade point average falls below 4.00 (C) at the end of any session or who enter the Faculty with a grade point average equivalent to less than 4.00 (C) on the York University undergraduate grading scheme, receive an academic warning. Students who receive an academic warning must achieve a cumulative grade point average of at least 4.00 (C) within the next 24 credits taken or must earn a sessional grade point average of at least 5.00 (C+) in the session in which the 24th credit is completed and in each subsequent session until the cumulative average reaches 4.00 (C) or be required to withdraw.

Required Withdrawal

Students whose academic record show marked weaknesses may be required to withdraw from their studies for one year, during which time they are encouraged to identify and remedy any problems which may have contributed to their failure to perform up to their potential, and to reflect on their reasons for pursuing a university education. The following regulations apply to required withdrawals:

Grade Point Average Below 3.00 (D+)

Students whose cumulative grade point average on at least 24 credits is below 3.00 must withdraw for 12 months.

Grade Point Average Below 4.00 (C) and Greater than 3.00 (D+)

Students who have received an academic warning for a cumulative grade point average below 4.00 (C) must achieve a cumulative grade point average of at least 4.00 (C) within their next 24 credits taken or earn a sessional grade point average of at least 5.00 (C+) in the session in which the 24th credit is completed and in each subsequent session until the cumulative average reaches 4.00 (C); otherwise, they must withdraw for 12 months. Should the student's cumulative grade point average fall below 3.00 (D+) at any time after completion of 24 credits, they will be required to withdraw.

Petition to Continue Without Interruption

Students who have been required to withdraw may submit a petition to the Faculty of Environmental Studies Petitions (BES program and Admissions) Committee requesting permission to continue their studies without interruption. For further information, contact the undergraduate program administrative and records assistant in the Office of Student and Academic Services, 137 HNES.

Reactivation After Required Withdrawal

Students who have been required to withdraw may apply for reactivation (to continue their studies) after the requisite period of absence by submitting a form obtainable from Student Client Services or online at the Current Students Web site (http://www.yorku.ca/yorkweb/cs.htm). Students who return to their studies after such a required withdrawal (as well as those who have been allowed to continue their studies by virtue of a petition to the FES Petitions Committee) will receive a debarment warning

Debarment Warning

Students who have been required to withdraw from the Faculty of Environmental Studies or from another Faculty at York or elsewhere receive will a debarment warning upon returning or continuing their studies in the Faculty of Environmental Studies. Students on a debarment warning must achieve a cumulative grade point average of at least 4.00 (C) within the next 24 credits taken or earn a sessional grade point average of at least 5.00 (C+) in the session in which the 24th credit is completed and in each subsequent session until their cumulative average reaches 4.00 (C), and must then maintain this average. Students who do not fulfill these conditions will be debarred from the University. Students whose cumulative grade point average falls below 3.00 (D+) at any time while on a debarment warning will be debarred.

Debarment

Students who have already been required to withdraw because of their unsatisfactory academic record and whose record does not show improvement will be debarred from the University. Debarment, the minimum period for which is normally two years, means that a student is no longer a student at York University.

Petition to Continue Without Interruption

Students who have been debarred may submit a petition to the Faculty of Environmental Studies Petitions Committee requesting permission to continue their studies without interruption. For further information, contact the undergraduate program administrative and records assistant in the Office of Student and Academic Services, 137 HNES.

Reapplying After Debarment

Students who have been debarred and who wish to resume their studies must apply for admission through the Admissions Office and must provide persuasive evidence that they are ready and able to complete a degree program.

Academic Probation

Students who have been debarred and who subsequently resume their studies in the Faculty of Environmental Studies – by petitioning to continue without interruption or by reapplying for admission – receive an academic probation. The conditions for continuing on an academic probation are the same as those for a debarment warning.

Breach of Academic Honesty

Conduct that violates the ethical or legal standards of the University community is a serious matter. In particular, any breach of academic honesty is a most serious offence to both the University community and the academic enterprise. Therefore, all faculty members are required to treat any breach of academic honesty, no matter how small the breach may appear, as a most serious matter demanding most thorough investigation. The rules embodied in the University Senate Policy on Academic Honesty and the Procedures Governing Breach of Academic Honesty apply to all BES students and are described in the University Policies section of this publication.

In the Faculty of Environmental Studies it is a serious offence against academic honesty, among other things, to cheat, to impersonate, to plagiarize or misappropriate the work of others, to practice improper research procedures, to be dishonest in publication, to aid and abet academic misconduct or to undertake any other action that runs counter to academic honesty. In addition, some forms of breach of academic honesty might constitute offences under the Criminal Code of Canada. While the pressures of school may be such that a student may feel pressured to breach academic honesty, students must completely resist such pressures. Students who are unsure of what may constitute a breach of academic honesty should consult with the Senate Policy on Academic Honesty (in the University Policies and Regulations section) or with the Faculty of Environmental Studies Office of Student and Academic Services.

Academic Standing

Academic standing depends on several factors, including the number of courses a student has passed, the grade point average achieved during a particular session (sessional grade point average) and the overall grade point average (cumulative grade point average).

Honours BES Degree

Qualifying for Honours: Students with no Previous Postsecondary Education

Students who are admitted to the Faculty of Environmental Studies with no prior experience at a postsecondary educational institution (such as a university or college) are automatically enrolled in an Honours program.

Transfer Students

Students who are admitted to the Faculty of Environmental Studies with prior experience at a postsecondary educational institution are enrolled in an Honours program if their prior cumulative grade point average (including failed courses) is at least the equivalent of 5.00 (C+) on the York scale

Note: courses taken at other postsecondary institutions are not calculated as part of the student's grade point average at York, nor do they appear on the York University transcript.

Continuing and Revisions to Progression Requirements: Honours Standing

To continue in an Honours program, students must maintain a minimum cumulative grade point average (CGPA) of at least 5.00 (C+). Students whose cumulative grade point averages fall below 5.00 (C+) during the course of their studies may proceed in an Honours program, on academic warning, provided that they meet the year level progression requirements as set out below.

Year Level	Credit Range	CGPA
1	0 to 23	4.00
2	24 to 53	4.25
3	54 to 83	4.80
4	84 to 120	5.00

Students must successfully complete (pass) at least 120 credits, meet Faculty and program requirements, and achieve a CGPA of 5.00 (C+) for all courses taken to satisfy their program in order to graduate with an Honours degree. Students who are permitted to continue in an Honours program on warning will be required to attend an advising appointment with their adviser.

Ineligibility to Continue in Honours

Students who do not meet the conditions outlined above may continue their studies only in the BES 90 credit degree program.

Graduating in Honours

To graduate from an Honours program, students must successfully complete (pass) at least 120 credits which meet the Faculty of Environmental Studies' program requirements. The cumulative grade point average for all courses taken must be at least 5.00 (C+).

Courses Taken Beyond the Normal Maximum

Students in an Honours BES program who successfully complete more than 120 credits and whose cumulative grade point average is at least 5.00 (C+) will have all credits counted towards their Honours BES and their cumulative grade point average.

Opting to Graduate in the BES Program - 90 credit

Students registered in the 120-credit Honours program may opt to graduate with a 90-credit degree if they fulfill those program requirements. Students who wish to take advantage of this option should complete the relevant form at the Office of Student Academic Services, 137 HNES, by early December for graduation the following spring or by mid-August for graduation the following fall (refer to the 90 credit program requirements).

Students registered in an Honours BES program whose cumulative grade point average after completion of 90 credits falls below 5.00 (C+), but remains 4.00 (C) or above, may request to graduate with a 90-credit BES degree if they fulfill the degree requirements or may continue in the program until the requirements for the 90-credit degree are fulfilled. They may not continue in an Honours program and they may not take extra courses in a subsequent session in an effort to raise their cumulative grade point average to re-enter the Honours program.

Re-entering Honours

Students who are ineligible to continue in the Honours program because their cumulative grade point average has fallen below the minimum requirement as outlined above may re-enter the Honours BES program only if they raise their cumulative grade point average to 5.00 (C+) or above by the time they have successfully completed their 90th credit.

BES Degree

Students must successfully complete (pass) courses for at least 90 credits which meet the bachelor of environmental studies program requirements. The cumulative grade point average for all courses taken must be at least 4 00 (C)

Courses Taken Beyond the Normal Maximum – in Order to Raise Cumulative Grade Point Average

Students in the BES program who have passed 90 credits in accordance with the Faculty of Environmental Studies program requirements, but whose cumulative grade point average is below 4.00 (C), may attempt to raise their average to 4.00 (C) by taking up to 12 additional credits, to a maximum of 102 credits. These courses must be above the 1000 level and a minimum of six credits must be taken in FES; regulations on equivalent and excluded courses apply.

Courses Taken Beyond the Normal Maximum

Students in the BES program who successfully complete more than 90 credits and whose cumulative grade point average is at least 4.00 (C) and less than 5.00 (C+) will have all credits counted towards their BES degree and their cumulative grade point average.

Transferring to Honours

Students in the BES program who become eligible for Honours will automatically be transferred to the Honours BES degree program. Students who have graduated from the Faculty of Environmental Studies with a BES degree and whose record makes them eligible for an Honours BES may apply to the Faculty to pursue the Honours degree.

Academic Standing Requirements for Visiting Students

Individuals who wish to enrol in undergraduate credit courses, but who do not intend to complete a degree or a certificate may be admitted to York as a visiting student (see the Admissions section for more information). There are three categories of visiting students:

- those who hold an undergraduate degree (three-year bachelor's degree minimum) from an accredited university/university-level institution;
- those who do not hold an undergraduate degree but wish to enrol in York courses to fulfill the academic, upgrading or professional development requirements of a professional designation;
- those who are currently attending another recognized university and wish to take York courses on a letter of permission issued by their home institution.

Grade Point Average (GPA) Requirement

Students in categories a) and b) whose overall cumulative grade point average (OCGPA) falls below 4.00 (C) based on a minimum of 24 credits will not be allowed to enrol in any subsequent session as visiting students. Students who are not permitted to re-enrol must apply for re-admission through the Admissions Office.

Note: repeated course legislation does not apply to visiting students but only to academic degrees and certificates. Therefore, all courses attempted or taken will count in the OCGPA.

Credit Limits

Students in category b) who have maintained an OCGPA of 4.00 (C) or higher throughout their studies and who have completed 30 credits will not be allowed to enrol in subsequent sessions and must either reactivate to proceed as visiting students or may choose to apply for admission to a degree or certificate program. This pause allows students in category (b) an opportunity to reconsider options to apply to degree studies given the transfer credit implications.