



# Co-op Education AT SELKIRK COLLEGE

## 'Education At Work'

### Renewable Resources – Geographic Information Systems (GIS) Program

#### Program Objectives:

The Advanced Diploma in *Geographic Information Systems* is a 12-month program that utilizes advanced geospatial technology to provide leading-edge training. The program prepares individuals to be trained geospatial experts in the environmental planning, business, industry and resource sectors. Emphasis in the program will be upon providing opportunities for learners to work on real world projects that require the latest technology enabling them to build advanced expertise in Geographic Information Systems, (GIS) remote sensing, Internet mapping technology, database management applications, global positioning systems (GPS), 3D visualization and a variety of related software applications. This is an intensive program designed for learners entering with a recognized diploma/associate degree or higher and a background in the aforementioned computerized technologies; however, applicants with the requisite work experience and a background in GIS will be considered.

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#### Co-op Education Work –Study Sequence:

	Sept-Dec	Jan-Apr	May-Aug	
Study Terms/Bridging from 2 yr. RRS program (or equivalent)	Study Terms 1	Study Terms 2	Co-op Ed Work Term Co-op Ed 301	
	Co-op Ed Work Term Co-op Ed 302	Co-op Ed Work Term Co-op Ed 303	Co-op Ed Work Term Co-op Ed 304	University Bridging GIS Bachelor program*

\*N.B.

Individualized Co-op Ed work terms may be available to Selkirk College GIS Bachelor Co-op Ed students (Co-op Ed 401, 402, 403)

*Begin your Co-op Education partnership with Selkirk College today!*

Simply complete the enclosed 'Job Posting' form and return to:  
Brenda Smith, *Manager*,

Co-operative Education and Employment Services, (C.E.E.S)

**mail:** Selkirk College, Castlegar Campus  
301 Frank Beinder Way  
Castlegar, BC Canada, V1N 4L3

**fax:** 250 365.1218

**OR**

Contact Brenda Smith for more information via:

**tel:** 250 365.1280

**e-mail:** bsmith@selkirk.ca



# Co-op Education AT SELKIRK COLLEGE

## 'Education At Work'

### University Transfer Applied Science – Engineering Major

**Program Objectives:**

The enriched two-year Engineering (Applied Science) program provides students with the common core of courses required in the first year of Engineering degree programs at Simon Fraser University, the University of British Columbia and the University of Victoria. At the same time students gain a strong background in Mathematics and Physics, reducing their workload in the remaining three years of the degree.

Students have also transferred successfully into the engineering program at the University of Alberta, and transfer credit to other university engineering programs may be possible.

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**Co-op Education Work –Study Sequence:**

Sept-Dec	Jan-Apr	May-Aug
Study Term 1	Study Term 2	Co-op Ed Work Term Co-op Ed 100
Study Term 3/ University Bridging	Study Term 4	Co-op Ed Work Term Co-op Ed 200
University Bridging		

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# Co-op Education AT SELKIRK COLLEGE

## 'Education At Work'

### Renewable Resources – Integrated Environmental Planning (I.E.P) Program

**Program Objectives:**

The *Integrated Environmental Planning Technology* (IEP) program prepares students to meet growing needs for technologists capable of assisting in all areas of environmental assessment and monitoring. Program graduates are familiar with planning processes and their respective environmental information needs. Graduates of this program are trained in Geographic Information Systems (GIS) data entry and spatial analysis using Arc GIS and other software, environmental chemistry, ecology, hydrology, communication, economics, and planning to name a few. Graduates possess the practical field and laboratory skills and technical competencies not only to acquire, compile, analyze, evaluate and present environmental information, but also to integrate it effectively into formal planning and review processes.

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Sept-Dec	Jan-Apr	May-Aug
Study Term 1	Study Term 2	Co-op Ed Work Term Co-op Ed 105
Study Term 3	Study Term 4	Co-op Ed Work Term Co-op Ed 205
Co-op Ed Work Term Co-op Ed 206	Co-op Ed Work Term Co-op Ed 207	Study Term 5 / University Bridging

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# Co-op Education AT SELKIRK COLLEGE

## 'Education At Work'

### Renewable Resources – Forestry Technology Program

#### Program Objectives:

Selkirk College's *Forestry Program* is known throughout the country for excellence in forest technology education. As an environmental science this program emphasizes an ecological approach to forest land management. Subject areas include applied ecology, planning, regeneration, inventory, hydrology, habitat and forest protection in a Nationally Accredited program. Selkirk College students spend more than 50 percent of their class time in the field learning in real world projects. The program also emphasizes achievement of proficiency in advanced technology including Geographic Information Systems and Global Positioning Systems. The College's graduates are benefitting from our training and the recognition by government, industry and communities of the importance of better forest management.

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Study Term 1	Study Term 2	Co-op Ed Work Term Co-op Ed 105
Study Term 3	Study Term 4	Co-op Ed Work Term Co-op Ed 205
Co-op Ed Work Term Co-op Ed 206	Co-op Ed Work Term Co-op Ed 207	Study Term 5/ University Bridging

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# Co-op Education AT SELKIRK COLLEGE

## 'Education At Work'

### Renewable Resources – Recreation, Fish and Wildlife Program

#### Program Objectives:

The focus of the *Recreation, Fish and Wildlife Program* is to provide relevant learning experience for individuals seeking careers in parks, forest recreation, fish and wildlife management, conservation or commercial recreation. The emphasis of the program is in the growing field of recreation and tourism, and fish and wildlife management in the working forest and in protected areas. The program of study is designed to lead into three major areas of interest: recreation planning and management, fish and wildlife management, and ecosystem management. The dedicated individual, with adequate motivation and an interest in a very competitive field, can develop a rewarding career in recreation, fisheries or wildlife management.

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Co-op Ed Work Term Co-op Ed 206	Co-op Ed Work Term Co-op Ed 207	Study Term 5/ University Bridging

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# Co-op Education AT SELKIRK COLLEGE

## 'Education At Work'

### Business Administration – ACCOUNTING/FINANCE Major

**Program Objectives:**

*Accounting/Finance* majors acquire a solid background in the financial structure of business. They develop skills in all areas of financial and managerial accounting, systems analysis and design, auditing, taxation, and computer systems and applications. Graduates are awarded significant advance credits towards a professional designation by the Certified General Accountants (CGA), the Certified Management Accountants (CMA) and the Institute of Chartered Accountants, School of Business (CASB). These advance credits apply to a number of other designations in industry and government as well.

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Study Term 1	Study Term 2	Co-op Ed Work Term Co-op Ed 101
Study Term 3	Co-op Ed Work Term Co-op Ed 201	Co-op Ed Work Term Co-op Ed 202
Co-op Ed Work Term Co-op Ed 203	Study Term 4	Graduation / University Bridging

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## 'Education At Work'

### Business Administration – PROFESSIONAL MANAGEMENT Major

#### Program Objectives:

The *Professional Management* major provides students with the tools to function competently in the management environment. Graduates develop skills in physical resource and operations management, marketing and sales, financial and information systems, computer techniques and applications, and human resource management. A number of advance credits extend to professional designations as well, and an opportunity is provided in second year for students to take elective courses from these professional associations as part of their diploma requirements.

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