

# Table of Contents

DIRECTORY FOR INQUIRIES .....	1	Advanced Bachelors Degree in Education Degree Program .....	228
DEGREES AND MAJORS AT A GLANCE .....	2	Advanced Bachelors Degree in Educational Leadership Program .....	229
ACADEMIC YEAR 2004–2005 .....	3	Bachelor of Education in Extension .....	230
INTRODUCING NIPISSING UNIVERSITY		Diploma in Education Program .....	231
Governance .....	8	Professional Development for Teachers .....	232
History .....	8	Aboriginal Programs .....	250
Mission Statement .....	9	Native Classroom Assistant Diploma Program .....	250
Coat of Arms and Motto .....	9	Native Special Education Assistant Diploma Program .....	252
The Logo .....	9	Aboriginal Teacher Certification Program .....	254
Services to Students .....	10	Academic Regulations/Information (for all Aboriginal Programs) .....	256
Student Life .....	13	Master of Education .....	258
GRADUATION .....	15	How to Apply .....	258
CHARGES AND FEES .....	16	Admission Requirements .....	259
FINANCIAL AID, SCHOLARSHIPS, BURSARIES AND AWARDS .....	25	Charges and Fees .....	259
FACULTY OF ARTS AND SCIENCE .....	45	Graduation .....	261
Admission Procedures and Regulations .....	47	Academic Regulations/Course Information .....	262
Registration Procedures and Regulations .....	56	Master of Education Courses .....	265
Academic Regulations/Information .....	57	NIPISSING UNIVERSITY STUDENT POLICIES .....	270
Degree Requirements and Academic Standing .....	63	Policy on Academic Dishonesty .....	270
Glossary of Terms .....	68	Student Records Policy .....	271
Programs and Courses .....	69	Guidelines for the Operation of the Senate Admissions, Petitions, and Promotions Committee .....	272
Spring and Summer Session 2004 .....	194	Guidelines for the Operation of the Student Academic Standing, Appeals and Petitions Committee .....	273
FACULTY OF EDUCATION .....	195	Policy on English Writing Competency .....	274
Teacher Education in North Bay .....	197	Policy on Course Waiting Lists in Arts and Science .....	277
Bachelor of Education Degree .....	197	Policy on Individualized Study Courses in Arts and Science .....	277
How to Apply .....	197	Policy on Notification of Disclosure of Personal Information to Statistics Canada .....	278
Admission Requirements .....	198	Policy and Procedures for Exchange Students .....	278
Registration .....	199	Others .....	278
Academic Regulations/Information .....	199	ADMINISTRATION AND FACULTY .....	279
Primary/Junior Program .....	202	Governing Officers .....	279
Junior/Intermediate Program .....	204	Administrative Officers .....	279
Intermediate/Senior Program .....	207	Faculty of Arts and Science .....	281
Concurrent Bachelor of Arts/Bachelor of Education .....	211	Faculty of Education .....	285
Advisory Committee on Teacher Education .....	220	INDEX .....	291
Academic Year 2004-2005 (Extension Education) .....	221		
Extension Education .....	224		
Charges and Fees .....	224		
How to Apply .....	227		
Academic Regulations/Course Information .....	227		





# Directory for Inquiries

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## For information or assistance, please call (705) 474-3450:

General Inquiries	Ext. 4521
Aboriginal Services	Ext. 4312
Academic Services (Advising)	Ext. 4265, 4315, 4379
Academic Skills Program	Ext. 4362
Admissions	Ext. 4521
Alumni Relations	Ext. 4573
Athletics	Ext. 4397
Appeals/Petitions	Ext. 4266
Audio Visual Department	Ext. 4256
Bookstore/Campus Shop	Ext. 5347
Campus Tours	Ext. 4517
Campus Walk Program	494-9192
Career Counselling	Ext. 4362
Centre for Continuing Business Education	Ext. 4219
Computer Services	Ext. 4342
Communications/Public Relations	Ext. 4528
Counselling	Ext. 4362
Course Registration	Ext. 4519, 4381
Disability Services	4331
Extension (In-Service) Education	Ext. 4313, 4259
Fees/Finance Office	Ext. 4294, 4419
Financial Aid	Ext. 4311

Graduation	Ext. 4520
Health Centre	Ext. 5261
Letters of Permission	Ext. 4266
Liaison Office	Ext. 4517
Library	Ext. 4223
Muskoka Campus	(705) 645-2921
Parking	Ext. 5505
Peer Tutoring Program	Ext. 4362
Placement Services	Ext. 4491
Practice Teaching	Ext. 4555
Research Office	Ext. 4558
Residence	(705) 474-2526 Ext. 2601
Scholarships, Bursaries and Awards	Ext. 4311
Security Office	Ext. 5505 After hours cell, 498-7244
Special Exam Requests	Ext. 4291
Student Insurance Plan	Ext. 4321
Student Affairs Office	Ext. 4321
Student Union	Ext. 4440
Transcripts	Ext. 4520
University Advancement	Ext. 4553
Writing Competency Test	Ext. 4266
Writing Skills Program	Ext. 4559

## Fax Numbers

Aboriginal Services	472-8601
Athletics	474-6323
Faculty of Arts and Science Office	474-3072
Centre for Continuing Business Education	475-0264
Faculty of Education Office	474-3264
Faculty and Support Services	474-1947
Finance Office	474-5086
General Services Office	474-1947
In-Service Education Office	472-6498
Library	497-1455
Muskoka Campus	(705) 645-2922
Practice Teaching Office	495-1303
President	495-3677

Registrar's Office, Liaison Office	495-1772
Research Office	476-8037
Student Affairs Office	495-2850
Student Union Office	474-3954
University Advancement Office	474-5553
Vice-President, and Human Resources Offices	495-2601

## E-mail Addresses

In-Service Education Office	inservice@nipissingu.ca
Finance Office	finance@nipissingu.ca
General Inquiries, Campus Tours	liaison@nipissingu.ca
Muskoka Campus	janl@nipissingu.ca
Registrar's Office	registrar@nipissingu.ca

# Degrees and Majors at a Glance

## Faculty of Arts and Science

### Bachelor of Arts (Honours)

#### Majors

Criminal Justice  
English Studies  
Environmental Geography  
Gender Equality and Social  
Justice - Combined Major  
Geography  
Geography of Regional  
Planning and  
International Development  
History  
Mathematics  
Philosophy - Combined  
Major  
Psychology  
Sociology

### Bachelor of Arts (General)

#### Majors

Administrative Studies  
Child and Family Studies \*\*\*  
Classical Studies  
Computer Science  
Culture and the Arts \*\*\*  
Economics  
English Studies  
Environmental Geography  
Fine Arts  
Gender Equality and Social  
Justice  
Geography  
History  
Mathematics  
Native Studies  
Philosophy  
Psychology  
Social Welfare  
Sociology

\*\*\* These majors are available on the Muskoka campus only.

### Bachelor of Arts (Liberal)

Biology  
Business  
Classical Studies  
Computer Science  
Economics

English Studies  
Environmental Science  
Film\*  
Fine Arts  
French  
Gender Equality and Social  
Justice  
Geography  
Geology  
History  
Mathematics  
Music\*  
Native Studies  
Philosophy  
Political Science\*  
Psychology  
Religions and Cultures  
Russian\*  
Social Welfare  
Sociology  
Spanish\*

\*Available on a part-time basis only.

### Bachelor of Business Administration (Honours)

#### Streams

Accounting  
Economics  
Human Resources  
Management  
Marketing  
Technology Management

### Bachelor of Commerce (Financial Services)

### Bachelor of Science (Honours)

#### Majors

Biology  
Computer Science  
Environmental Biology and  
Technology  
Environmental Science and  
Physical Geography  
Mathematics  
Nursing  
Psychology

### Bachelor of Science (General)

#### Majors

Biology  
Computer Science  
Mathematics  
Psychology

### Bachelor of Science (Liberal)

Biology  
Computer Science  
Environmental Science  
Geology  
Mathematics

#### Minors

Biology  
Business  
Classical Studies  
Computer Science  
Economics  
English Studies  
Fine Arts  
French  
Gender Equality and Social  
Justice  
Geography  
History  
Mathematics  
Native Studies  
Philosophy  
Psychology  
Religions and Cultures  
Social Welfare  
Sociology

### Electives

Aboriginal Counselling  
Anthropology  
Astronomy  
Biology  
Business  
Chemistry  
Child and Family Studies  
Classical Studies  
Computer Science  
Culture and the Arts  
Economics  
English Studies  
Environmental Science  
Film  
Fine Arts  
French  
Gender Equality and Social  
Justice  
General Science  
Geography  
Geology  
History  
Law and Justice  
Mathematics  
Music  
Native Studies  
Philosophy  
Physics  
Political Science  
Psychology  
Religions and Cultures  
Russian  
Social Science  
Social Welfare  
Sociology  
Spanish  
University Success

## Faculty of Education

### Bachelor of Education

### Master of Education

### Advanced Bachelor's Degree in Education

### Advanced Bachelor's Degree in Educational Leadership

# Academic Year 2004–2005

## Arts, Business, Nursing and Science

(Upper-year Environmental Biology and Technology dates are under a separate heading).

**Term 1 (Fall)**–September 9 to December 1

Exams: December 4 - 21

**Term 2 (Winter)**–January 4 to April 1

Exams: April 4 - 29

**Term 3 (Fall/Winter)**–September 9 to April 1

Exams: April 4 - 29

### Fall

**Sept. - Dec. 2004**

Fri. Aug. 13	A late registration fee will be charged to all students after this date.
Mon. Sept. 6	Labour Day.
Mon. Sept. 6	English Writing Competency Test at 9:00 a.m.
Thurs. Sept. 9	Fall classes begin.
Sat. Sept. 18	English Writing Competency Test at 10:00 a.m.
Fri. Sept. 17	No registration or course changes for Term 1 or Term 3 courses permitted after this date.  Students withdrawing from Term 1 or Term 3 courses after this date will receive a "W" on their academic record.
Mon. Oct. 11	Thanksgiving Day - University closed.
Fri. Oct. 29	Students withdrawing from Term 1 courses after this date will receive an "F" on their academic record.
Wed. Dec. 1	Last day of Fall session classes.
Dec. 4 - 21	Final exams for term 1 courses.

### Winter

**Jan. - Apr. 2005**

Tues. Jan. 4	Winter session classes begin.
Fri. Jan. 14	No registration or course changes for Term 2 courses will be permitted after this date. Students withdrawing from Term 2 courses after this date will receive a "W" on their academic record.

Sat. Jan. 15	English Writing Competency Test at 10:00 a.m.
Fri. Jan. 28	Students withdrawing from Term 3 courses after this date will receive an "F" on their academic record.
Fri. Feb. 4	Applications for 2005 Spring convocation must be submitted prior to this date.
Feb. 14 - 18	Study Week.
Fri. Feb. 25	Students withdrawing from Term 2 courses after this date will receive an "F" on their academic record.
Sat. Mar. 5	English Writing Competency Test at 10:00 a.m.
Fri. Mar. 25	Good Friday - University Closed.
Mon. Mar. 28	Easter Monday - University Closed.
Fri. Apr. 1	Last day of winter session classes.
Apr. 2 - 29	Final exams for term 2 and term 3 courses.

### Spring/Summer Term Dates

**Term 1**–May 2 - June 27

Exams: June 28 and 29

**Term 4**–May 2 - 30

Exams: June 1

**Term 5**–June 2 - 29

Exams: July 4

**Term 2**–July 4 - August 15

Exams: August 16

**Term 6**–July 4 - 21

Exams: July 22

**Term 7**–July 25 - August 15

Exams: August 17

**Note:** Spring session courses are usually timetabled Monday, Wednesday and Friday or Tuesday, Thursday and Saturday. Summer session courses are usually scheduled Monday, Tuesday, Wednesday and Thursday.

### Spring

Mon. Mar. 14	Course registration begins.
Tues. Apr. 12	Spring session courses with insufficient registration will be cancelled at this time.
Mon. May 2	Spring term 1 and term 4 courses begin.

Fri. May 6	No registration for term 1 or term 4 courses after this date. Students withdrawing from term 1 or term 4 courses after this date will receive a "W" on their academic record.	Thurs. July 21	Last day of classes for term 6 courses.  Students withdrawing from term 2 courses after this date will receive an "F" on their academic record.
Fri. May 13	Students withdrawing from term 4 courses after this date will receive an "F" on their academic record.	Fri. July 22	Final exams for term 6 courses.
Mon. May 23	Victoria Day - University closed.	Mon. July 25	Term 7 courses begin.
Mon. May 30	Term 4 courses end.	Fri. July 29	No registration or course changes for term 7 courses will be permitted after this date. Students withdrawing from term 7 courses after this date will receive a "W" on their academic record.
Wed. June 1	Final exams for term 4 courses.	Mon. Aug. 1	Civic Holiday - University closed.
Thurs. June 2	Term 5 courses begin.	Fri. Aug. 5	Students withdrawing from term 7 courses after this date will receive an "F" on their academic record.
Wed. June 8	No registration or course changes for term 5 courses permitted after this date. Students withdrawing from term 5 courses after this date will receive a "W" on their academic record.	Mon. Aug. 15	Last day of class for term 2 and term 7 courses.
Fri. June 10	Spring convocation.  Students withdrawing from term 1 courses after this date will receive an "F" on their academic record.	Tues. Aug. 16	Final exams for term 2 courses.
Mon. June 13	Students withdrawing from term 5 courses and research courses after this date will receive an "F" on their academic record.	Wed. Aug. 17	Final exams for term 7 courses.
Mon. June 27	Last day of classes for term 1 courses.	<hr/>	
June 28 & 29	Final exams for term 1 courses.	<b>Environmental Biology and Technology (Upper-year Only)</b> <hr/>	
Tues. June 29	Last day of classes for term 5 courses.	<b>Term 1 (Fall)</b> –September 8 to December 17 Exams: December 13 - 17	
Fri. July 1	Canada Day - University closed.	<b>Term 2 (Winter)</b> –January 5 to April 23 Exams: April 5 - 30	
Mon. July 4	Final exams for term 5 courses.	<b>Fall</b> <b>Sept. - Dec. 2004</b>	
<b>Summer</b>		Fri. Aug. 13	A late registration fee will be charged to all students after this date.
Mon. June 20	Summer session courses with insufficient registrations will be cancelled at this time.	Mon. Sept. 6	Labour Day.
Fri. July 1	Canada Day - University closed.	Mon. Sept. 6	English Writing Competency Test at 9:00 a.m.
Mon. July 4	Term 2 and term 6 classes begin.	Wed. Sept. 8	Fall classes begin.
Fri. July 8	No registration or course changes for term 2 and term 6 courses after this date. Students withdrawing from term 2 and term 6 courses after this date will receive a "W" on their academic record.	Sat. Sept. 18	English Writing Competency Test at 10:00 a.m.
Wed. July 13	Students withdrawing from term 6 courses after this date will receive an "F" on their academic record.	Fri. Sept. 17	No registration or course changes for Term 1 courses permitted after this date. Students withdrawing from Term 1 courses after this date will receive a "W" on their academic record.
		Mon. Oct. 11	Thanksgiving Day - University closed.

Fri. Oct. 29	Students withdrawing from Term 1 courses after this date will receive an "F" on their academic record.
Wed. Dec. 1	Last day of fall session classes - Nipissing.
Dec. 4 - 21	Final exams for term 1 courses - Nipissing.
Fri. Dec. 10	Last day of fall session classes - Canadore.
Dec. 13 - 17	Final exams for term 1 courses - Canadore.
<b>Winter</b>	
<b>Jan. - Apr. 2005</b>	
Tues. Jan. 11	Classes begin.
Fri. Jan. 14	No registration or course changes for Term 2 courses will be permitted after this date. Students withdrawing from Term 2 courses after this date will receive a "W" on their academic record.
Sat. Jan. 15	English Writing Competency Test at 10:00 a.m.
Fri. Feb. 4	Applications for 2004 Spring convocation must be submitted prior to this date.
Feb. 14 - 18	Nipissing study week - no Nipissing classes.
Fri. Feb. 25	Students withdrawing from Term 2 courses after this date will receive an "F" on their academic record.
Mar. 7 - 11	Canadore study week - no Canadore classes.
Sat. Mar. 5	English Writing Competency Test at 10:00 a.m.
Fri. Apr. 1	Last day of winter session classes - Nipissing.
Fri. Apr. 22	Last day of winter session classes - Canadore.
Apr. 2 - 29	Final exams for term 2 and term 3 courses - Nipissing.
Apr. 25 - 29	Final exams for term 2 courses - Canadore.

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## Bachelor of Education

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Fri. July 30	Deadline for registration for full-time Education students. Students not registered by this date forfeit their offer of admission.
Aug. 30 - Sept 3	Orientation/Classes begin.
Mon. Sept. 6	Labour Day.
Sept. 7 - 10	Practicum.
Fri. Sept. 17	Students withdrawing from the program after this date will receive a "W" on their academic record.
Oct. 11 - 22	Practicum.
Mon. Oct. 11	Thanksgiving Day - University closed.
Nov. 15 - Dec 3	Practicum.
Fri. Dec. 17	Last day of fall session classes.
Dec. 18, 20 and 21st	Final exams for term 1.
Tues. Jan. 4	Winter session classes begin.
Fri. Jan. 28	Students withdrawing after this date will receive an "F" on their academic record.
Fri. Feb. 4	Applications for the 2004 Spring convocation must be submitted prior to this date.
Feb. 7 - 11	Study Week.
Feb. 14 - Mar. 4	Practicum.
Fri. Mar. 25	Good Friday - University closed.
Mon. Mar. 28	Easter Monday - University closed.
Mar. 28 - Apr. 1	Final exams for term 2.
Apr. 4 - 29	Practicum.
May 2 - 6	Compulsory Culminating Conference.
Mon. May 23	Victoria Day - University closed.
Wed. June 8	Spring convocation - Primary/Junior & Junior/Intermediate.
Thurs. June 9	Spring convocation - Intermediate Senior.



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## Concurrent Bachelor of Arts/Bachelor of Education

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### Brantford Campus 2004 - 2005

**Term 1 (Fall)**–September to December 2004

**Term 2 (Winter)**–January to April 2005

**Term 3 (Fall/Winter)**–September to April 2004/2005

Mon. Sept. 6	Labour Day - University closed.
Sept. 9 & 10	On-Campus Registration.
Mon. Sept. 13	Fall term and Fall/Winter session begins.
Fri. Sept. 24	Final day for late registration (Fall term and Fall/Winter)
	Students withdrawing from Term 1 or Term 3 courses after this date will receive a “W” on their academic record.
Mon. Oct. 4	Practicum begins.
Mon. Oct. 11	Thanksgiving Day - University closed.
Mon. Nov. 8	Students withdrawing from Term 1 courses after this date will receive an “F” on their academic record.
Mon. Dec. 6	Fall term classes end.
Dec. 9 - 23	Final Fall term examinations.
Thurs. Dec. 23	Fall Term ends.
Dec. 25 - Jan 3	University Closed.
Tues. Jan. 4	Winter term begins.
Mon. Jan. 17	Final day for late registration (Winter Term).
	Students withdrawing from Term 2 courses after this date will receive a “W” on their academic record.
Fri. Jan. 28	Students withdrawing from Term 3 courses after this date will receive an “F” on their academic record.
Mon. Mar. 7	Students withdrawing from Term 2 courses after this date will receive an “F” on their academic record.
Fri. Mar. 25	Good Friday, University-observed holiday, no classes.
Tues. Apr. 5	Winter term and Fall/Winter classes end.

Apr. 8 - 27 Final Examinations.

May 2 - 6 Practicum.

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## Master of Education

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**Term 1 (Fall)**–September 13 - December 18

**Term 2 (Winter)**–January 3 - April 23

### Fall

#### Sept. - Dec. 2004

Mon. July 19	Registration begins.
Mon. Aug. 16	A late registration fee will be charged to all students after this date.
Mon. Sept. 6	Labour Day.
Tues. Sept. 7	Fall session courses with insufficient registration will be cancelled at this time.
Mon. Sept. 13	Fall classes begin.
Fri. Sept. 24	No registration or course changes after this date. Students withdrawing after this date will receive a “W” on their academic record.
Mon. Oct. 11	Thanksgiving Day - University Closed.
Fri. Oct. 29	Students withdrawing from Term 1 courses after this date will receive an “F” on their academic record.
Mon. Nov. 15	Registration begins for winter session courses.
Tues. Nov. 30	Last day to apply to write the comprehensive exam in January.
Fri. Dec. 3	A late registration fee will be charged to students registering for winter session courses after this date.
Fri. Dec. 10	Winter session courses with insufficient registrations will be cancelled at this time.
Sat. Dec. 18	Last day of Fall/Winter session classes.

### Winter

#### Jan. - Apr. 2005

Tues. Jan. 4	Winter classes begin.
Fri. Jan. 14	No registration or course changes after this date. Students withdrawing from Term 2 courses after this date will receive a “W” on their academic record.

Sat. Jan. 15	Comprehensive Exam
Fri. Feb. 4	Applications for the 2005 Spring convocation must be submitted prior to this date.
Fri. Feb. 18	Students withdrawing from courses after this date will receive an "F" on their academic record.
Fri. Mar. 25	Good Friday - University closed.
Mon. Mar. 28	Easter Monday - University closed.
Sat. Apr. 23	Last day of winter session classes.
Fri. Apr. 29	Last day to apply to write the Comprehensive Exam in July.
Mon. May 23	Victoria Day - University closed.
Thurs. June 9	Spring convocation.

### **Spring 2005 May 2 - June 24**

Mon. Mar. 21	Registration begins for Spring session courses.
Fri. Apr. 8	A late registration fee will be charged to students registering for spring session courses after this date.
Mon. Apr. 11	Spring session courses with insufficient registrations will be cancelled at this time.
Sat. May 7	Spring classes begin.
Fri. May 13	No registration for Spring term courses after this date. Students withdrawing from Spring term courses after this date will receive a "W" on their academic record.
Mon. May 23	Victoria Day - University closed.
Fri. June 10	Students withdrawing from Spring term courses after this date will receive an "F" on their academic record.
Sat. June 25	Last day of Spring term classes.

### **Summer 2005 July 4 - July 28**

Mon. May 9	Registration begins for Summer session courses.
Fri. June 3	A late registration fee will be charged to students registering for summer session courses after this date.
Fri. June 10	Summer session courses with insufficient registrations will be cancelled at this time.

Tues. July 5	Summer classes begin. No registration or course changes after this date.
Fri. July 8	Students withdrawing from Summer term courses after this date will receive a "W" on their academic record.
Thurs. July 14	Students withdrawing from Summer term courses after this date will receive an "F" on their academic record.
Sat. July 16	Comprehensive Exam
Thurs. July 28	Last day of Summer term classes.

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## Academic Senate Dates

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Friday, September 10, 2004  
 Friday, October 8, 2004  
 Friday, November 12, 2004  
 Friday, December 10, 2004  
 Friday, January 14, 2005  
 Friday, February 4, 2005  
 Friday, March 11, 2005  
 Friday, April 1, 2005  
 Friday, May 13, 2005  
 Thursday, June 9, 2005

# Introducing Nipissing University

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## Governance

Nipissing University is a co-educational, non-denominational, government-supported institution that was granted, on December 10, 1992, the right to confer degrees in the province of Ontario.

It is a member of the Council of Ontario Universities, the Association of Universities and Colleges of Canada and the Association of Commonwealth Universities.

The Nipissing University Act (1992) provides for governance of the University by the Academic Senate and the Board of Governors. The administration of the University is carried out by a Board of Governors of 26 members including:

1. The Chancellor and President of the University, who shall be members by virtue of their offices.
2. The Mayor of North Bay, or designate, who shall be a member by virtue of his or her office.
3. Six persons appointed by the Lieutenant Governor in Council.
4. Two persons elected by the Senate, from among the faculty members on the Senate.
5. Two persons elected by the faculty, from among the faculty members not on the Senate.
6. Two students of the University, elected by the students of the University.
7. Two full-time, non-teaching employees of the University, elected by the full-time, non-teaching employees of the University.
8. One person, who is neither a student nor a faculty member or officer of the University, appointed by the University Alumni Association from among the alumni.
9. One person appointed by the Aboriginal Council on Education established by the University from among its members.
10. Seven persons appointed, in the first instance by the Lieutenant Governor in Council and thereafter by the Board, to represent a broad spectrum of the public.

The Academic Senate consists of all full-time Faculty members of the University, the Registrar, the Director of Library Services, plus representatives from students, the Board and the Aboriginal Council on Education.

Finances for the operation of the University are secured through fees and through regular government grants on the same basis as grants paid to all universities in the province.

## History

Preparations for Nipissing University were begun in 1947, when farsighted residents formed a committee with the goal of establishing a university in North Bay. Their efforts were continued by the 1958 Northeastern University Committee. Within two years, Northeastern University was incorporated and a first year program was put in place in 1960. Father Norman Weaver and his religious order, the Congregation of the Resurrection, provided some of the qualified professors, as well as classroom space at Scollard Hall. However, hopes for an independent university in North Bay were dashed when the Congregation of the Resurrection re-directed its teaching and financial resources to assist St. Jerome's to become a federated college of the new University of Waterloo. Hopes were further dashed when Laurentian University in Sudbury was founded and chartered in 1960.

In an effort to ensure its funding as a university-level institution, Northeastern was renamed Nipissing College, and on February 18, 1967 signed an affiliation agreement with Laurentian University in Sudbury. Under the terms of this affiliation agreement, Nipissing would operate independently, both financially and administratively, but could only offer academic programs approved by Laurentian University.

Cassellholme Home for the Aged was home to Nipissing from 1967 to 1972. This was a temporary location and there were plans for a new site from the beginning. Other educational institutions in the City, including a community college, a school of nursing and a teachers' college also had separate campuses and special needs. In 1967, at the direction of the provincial government, a campus planning committee was struck to develop an educational complex to house all of these schools. The 720-acre Eloy and Roy farm site was purchased and sod was turned in 1970. The modern College Education Centre, which is still home to Nipissing, was officially opened in the fall of 1972 with William Davis, Premier of Ontario, officiating. The new complex with its joint tenants was unique in the province. It featured a library, classroom space, laboratories, staff and student lounges, residence facilities, cafeteria, gymnasium, campus shop, and an auditorium.

In 1973, the North Bay Teachers' College joined Nipissing as the Faculty of Education, bringing with it a tradition of 64 years of teacher education, dating back to the North Bay Normal School founded in 1909. The name of the Normal School was changed in 1953 to the North Bay Teachers' College.

The year 1992 marked both Nipissing's 25th anniversary and the year in which it became the newest university in Canada. The Nipissing University Act, signed December 10, 1992 by the Lieutenant Governor for the province of Ontario, gave the institution the right to grant baccalaureate degrees as an independent, chartered university.

Over the years, new faculty and program offerings have been added in a realistic and planned fashion. Courses and programs were developed in response to the needs of students and the area being served. In a relatively short time the University developed an excellent reputation for its academic programs.

The Faculty at Nipissing has made significant contributions to the area through research, publications and active participation in regional, national and international bodies. The cultivation of research has resulted in the publication of numerous articles, books and atlases, many of which deal with the local area. Studies have been conducted on areas such as the environment, and the socio-cultural and economic structure of the area, contributing to a better understanding of the region.

Research in the Faculty of Education has focused on various aspects of curriculum development including outdoor education, language arts and educational technology. The Faculty of Education has also been a leader and an innovator in the field of Native education.

The University's impact extends to the international community through its educational development programs in Anguilla, St. Lucia, France and Germany.

Future academic programs at Nipissing University will continue to prepare our students for their degrees, according to generally approved university standards, while recognizing the special needs and advantages of our northern milieu.

## Mission Statement

Nipissing University is a Canadian university which provides undergraduate programs in Liberal Arts, Science, Business and undergraduate and graduate programs in Education. Nipissing aspires to fulfil the best traditions of scholarship and to provide an environment committed to the ideals of free inquiry and expression.

Nipissing's individuality as a university is a function of its size, location and history.

As a smaller university, Nipissing strives to provide a collegial setting attentive to individuals thereby enabling members of all groups within the university community to achieve their personal potential.

As a university in a Northern Ontario community, Nipissing aspires to reflect and respond to the region by serving as an intellectual and cultural centre.

As a university with predominantly undergraduate programming and roots in teacher education, Nipissing places priority on the highest ideals of instructional excellence.

Board Approved: June 2, 1994

## Coat of Arms and Motto

Colours: blue, grey, gold and copper



The coat of arms has a long history at Nipissing University and is symbolic of its tradition. There are three elements in the Nipissing crest: the sun, water, and the owl. The sun, our source of light, is symbolic of the illumination of learning. The water recalls the University's connection with Lake Nipissing, the origin of the institution's name. Like the sun, water sustains life and represents the abundant gifts of nature with which humans must live in harmony. The Athenian owl symbolizes wisdom, knowledge and antiquity. By facing front, it represents seeing the world as it is, which is the task and purpose of the University.

The motto, "integritas" is Latin for the spirit of integrity, the desirable mode of human conduct and intellectual inquiry.

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## The Logo

Colours: green and blue



Northern Ontario is a land of natural beauty. The land is bathed in the colours of nature, and Nipissing's logo reflects this natural beauty. The stylized "N" and "U" reproduced respectively in the blue of the water and the green of the forest, reflect the deep attachment the University has to its natural surroundings.

# Services to Students

## Aboriginal Services and Programs

The Aboriginal Services and Programs office is committed to facilitating and promoting the ongoing access, participation, and achievement in academic excellence of all Aboriginal students in the Arts, Business, Science, Education (graduate and undergraduate), as well as the Native education diploma and certificate programs.

Aboriginal Services and Programs offers the following services and/or referrals: academic advising, personal support, financial advising, and liaison services between the University, community agencies, Aboriginal Bands, and government agencies on behalf of the Aboriginal students.

The office is located in room A216. It houses a lounge for students and contains study resources. Social, cultural and educational events are hosted throughout the year for students to enjoy. The office is open Monday to Friday, 8:30 a.m. - 4:30 p.m. Students may contact Aboriginal Services and Programs at (705) 474-3450 extension 4312 or extension 4252.

## Academic Services (Advising)

Students in the Faculty of Arts and Science who wish to plan their programs or who need advice on any academic matter should consult the Manager of Academic Services or an Academic Advisor. Students in all programs in the Faculty of Arts and Science are also encouraged to consult with faculty members concerning course selections.

Academic Advisors are available year-round. Appointments may be made through the Office of the Faculty of Arts and Science (F207), by contacting our secretaries at (705) 474-3450, extensions 4358, 4266 and 4291. Drop-in hours are available during the fall/winter sessions and residence advising is also available at certain times of the year. Academic Advisors are also available monthly at the Muskoka campus. Please check with our office for details.

Students are responsible for ensuring that the courses in which they register meet the degree requirements of their program. The Dean is ultimately responsible for approving course and program registrations as well as any subsequent modifications.

Students in the Faculty of Education who need advice on any academic matter should consult with the Office of the Faculty of Education.

## Academic Skills Program

The Academic Skills Program is available for students to help foster and fine-tune the skills required for academic success. Students may meet with an Academic Skills Co-ordinator to discuss specific areas of academic concern or to set up a program of individualized tutorials. Individualized support in the areas of maths, sciences, academic writing, and research skills is available. Appointments are available mornings, afternoons, and some evenings.

Students are also encouraged to take advantage of the seminars on academic writing, grammar and punctuation, study skills, research skills, and presentation skills.

Students preparing for the Writing Competency Test (see Writing Competency Test in the Index) are especially encouraged to request feedback and tutorial assistance through the Academic Skills Program. The "How To Write a Good Writing Competency Test (WCT)" seminar may be of special interest to these students. This seminar is offered several times throughout the year.

The Academic Skills Program also facilitates course-specific study groups and the Peer Tutoring Program. Inquire at Student Affairs at (705) 474-3450, extension 4362 for more information on any of these services.

## Alumni Association

Your Nipissing University Alumni Association (NUAA) is an integral part of your University community. The NUAA will welcome you as "alumni on campus" once you have completed three full courses at Nipissing University. When you graduate from Nipissing University you automatically become a lifetime member, at no charge, of the Nipissing University Alumni Association. The collective experience of the NUAA helps to shape operations of the University and the achievements of the NUAA are one of the criteria by which the University is valued.

Governed by a Board of Directors, the NUAA strives to achieve its mandate through many goals and objectives:

- supporting and advancing the cause of the University by strengthening its standards and reputation for academic excellence through dedication and financial generosity.
- promoting interest and understanding of the Association's objectives among undergraduates of the University
- encouraging and promoting a sense of collegiality and unity among members and providing an opportunity to continue associations enjoyed as students.

These objectives are achieved by various social and fundraising events as well as programs and services endorsed by the Alumni Association's Board of Directors in consultation and conjunction with the Office of University Advancement. The Office of University Advancement also circulates the official Alumni magazine, the *Nipissing University Review*, which you will receive in the mail twice per year.

There are many opportunities for alumni to be actively involved with Nipissing University. As alumni, you have the experience that can best promote the ideals and values of your University to the community. Graduation, therefore, represents the continuation of a strong and valuable relationship with Nipissing University.

In order to remain a vital part of the University community, the NUAA is always seeking support and involvement. For further information, please contact the Alumni Relations Officer at (705) 474-3450 ext. 4573, or by e-mail at [alumni@nipissingu.ca](mailto:alumni@nipissingu.ca).

## Campus Shop

Location: Main Foyer, Education Centre, Room C202

One of the busiest areas of the Education Centre is the Campus Shop. At the Campus Shop students can purchase required textbooks, course materials, instructional and stationery supplies as well as major software packages at educational pricing. Shop for: university crested clothing, backpacks and other memorabilia, lab coats, goggles, snack foods, greeting cards, and excel-

lent gift items. Is there a book that you would like? The Campus Shop staff will be happy to order it for you. Need a locker? Purchase a tag and combination lock from the bookstore. The cost of a locker tag is \$20 for rental of a locker from September to April. The tag must be displayed on the locker at all times as proof of rental.

## Counselling Services

### a) Career Counselling

Students who are unsure of their career interests or with questions about career options available to them are invited to further explore these areas with a career counsellor. Career related interest inventories can be completed as part of this exploratory process. Individual career counselling sessions may also be scheduled and students are invited to take advantage of our career express noon-hour drop-in service. Career planning seminars are offered regularly throughout the year by the counselling staff in Student Affairs.

### b) Personal Counselling

Counsellors are available Monday to Friday 8:30 a.m. to 4:30 p.m. at no cost to students who are registered in current courses. Individual counselling is available upon request in areas of personal and emotional development, crisis intervention, coping with stress and anxiety, family and interpersonal relationships, money and time management, and student advocacy. Referral to specialized services in the community may be made upon completion of a thorough assessment by a counsellor in Student Counselling Services.

### c) Confidentiality of Counselling Services

Student counselling, a component of Counselling and Disability Services, is committed to the success of all students at Nipissing University. All requests for student counselling are confidential. Information shared in student counselling will not be disclosed to anyone outside the Counselling and Disability Services team or their immediate supervisors without the student's expressed permission.

Student Counsellors are permitted to disclose student information only when properly authorized by the student or when obligated legally or professionally to do so. Specific details regarding the confidentiality of student information is discussed during the intake process.

For more information please call (705) 474-3450, extension 4362.

## Disability Services

Students with disabilities are encouraged to contact the Office for Students with Disabilities to discuss and plan for individual accommodations and support. Current documentation of the disability is required and is held in confidence by the Disability Services Office. Any student who requires disability-related educational support or accommodations should initiate contact with this office as early as possible to ensure timely implementation.

The Enhanced Services Program (ESP) for students with learning disabilities provides a range of services that have been proven to be especially effective in the post-secondary learning

environment for students with learning disabilities. Enhanced services include: transition, admissions, orientation programming; learning disability screening, referral and assessment; individual education and transition planning; learning strategy support and tutoring; and adaptive technology, training and support.

Office hours are Monday to Friday 8:30 a.m. to 4:30 p.m. For further information, please call (705) 474-3450, extension 4331.

Deaf and hard of hearing persons may call TTY (705) 474-8797.

## Health Services

Registered nurses are in attendance at the Health Centre Monday to Thursday, 8:00 a.m. to 3:30 p.m. Doctors' clinics are available by appointment Monday, Tuesday and Thursday mornings for students without a family physician in North Bay. Students are required to have their health card with them when making appointments. Services provided include allergy injections, birth control information, immunizations, pap smears, and blood pressure monitoring. A variety of literature/pamphlets is also available on health topics.

## International Exchange Programs

Studying abroad via an exchange program is a relatively easy way to include an international experience in your Nipissing degree. While on exchange, all credit courses successfully completed are transferable and you are still eligible for OSAP, scholarships, and bursaries. Tuition is paid to Nipissing University per the fee schedule for domestic students, and in most cases incidental fees are paid to the host institution. Students are responsible for their own accommodation, food, travel, visas and miscellaneous expenses while abroad. Students must prepare for study exchanges one year in advance to departure. The yearly deadline date to apply is January 31st. To explore exchange opportunities in the International Resource Centre, contact the office of Nipissing International.

Nipissing University has negotiated several exchange programs with international institutions, and we are continuing to do so. Contact Nipissing International for updates, or view new agreements on our website at <http://www.nipissingu.ca/documents.cfm?smocid=1871>. For more information please call (705) 474-3450, ext. 4105.

Our currently signed agreements are noted below:

### **Barbados - University of West Indies, Cave Hill Campus**

This exchange is open to Nipissing students in the Faculty of Arts & Science. Students may participate in one or two semesters.

### **Cameroon, Africa - University of Buea**

Open to students in the Faculty of Arts & Science. Students could study for one or two semesters. The language of instruction is English.

### **France - Ontario/Rhône-Alpes Exchange Program**

Fourteen universities in France exchange 40 students per year with Ontario universities. This exchange is open to students in

the Faculty of Arts & Science. Students should be prepared to stay for two semesters. The language of instruction is French.

### **Germany - Ontario/Baden-Wurttemberg Exchange Program**

Nine universities in Germany exchange 40 students per year with Ontario universities. This exchange is open to students in the Faculty of Arts & Science. Students should be prepared to stay for two semesters. The language of instruction is primarily German with some universities providing courses taught in English.

### **Germany - Pädagogische Hochschule Freiburg**

This exchange program is for students who are interested in becoming teachers. Students may study for one or two semesters. The language of instruction is primarily German, with some courses offered in English.

### **Mexico - ITESM (Instituto Tecnológico y de Estudios Superiores de Monterrey), Campus Tampico**

This exchange is open to students in the School of Business & Economics. Students may study for one or two semesters. Some courses are offered in English. However, some Spanish is encouraged to engage in daily activities.

### **United Kingdom - University of Luton**

Open to students in the Faculty of Arts & Science. Students could study for one or two semesters. The language of instruction is English.

### **United States - Mansfield University**

Open to students in the Faculty of Arts & Science. Students could study for one or two semesters. The language of instruction is English.

### **Study Abroad**

It is possible to study abroad on your own, paying international tuition fees to the host institution at a destination you choose. If you are interested in this option contact the Manager of Academic Services about studying elsewhere on a Letter of Permission.

## **Library**

Your student card is your passport to a world of information and services at the Education Centre Library! Visit us 24x7 at [www.nipissingu.ca/library](http://www.nipissingu.ca/library). In the library there are individual study carrels, group study rooms, computers, wireless and wired network connections and over 180,000 books. See what you can borrow at [http://webcat.bibliocentre.ca/web2/tramp2.exe/log\\_in](http://webcat.bibliocentre.ca/web2/tramp2.exe/log_in). We have approximately 9000 journals which you can access in print, microform or electronic formats. Want to read something we don't have? Just order it through RACER, the online inter-library loans service at <http://www.nipissingu.ca/library/loann.htm>, and we will get it for you. Find out more about what the library has to offer by talking to the friendly people at the Information Desk -they can show you how to find what you want in the stacks, and how to use the electronic journals, newspapers and e-books available through the E-Resources section of the library website.

## **Mentor Program**

All first year students have the opportunity to be matched with an upper year student who will provide general support and encouragement, and thus help ensure a smooth transition to, and success in, university. For more information, contact the Student Transition Coordinator located in Student Affairs at (705) 474-3450, extension 4321.

## **Muskoka Campus**

The Muskoka Campus of Nipissing University was opened in Bracebridge, Ontario, in 1996. At this small but growing facility students can begin their university studies in many disciplines in the liberal arts. Students may then continue their studies at the main campus in North Bay to complete a degree in a particular major, or students may elect to continue their studies at the Muskoka Campus in pursuit of a Bachelor of Arts (Liberal) Degree. (Please refer to that section of the Academic Calendar, for further details on this degree.) The development of two new full degree programs for delivery in Muskoka has been announced. Students can look forward to more options at the Campus in the near future. Orientation to Teaching (O.T.T.) credit course requirements may be completed while studying in Muskoka.

For further information, please contact: Nipissing University, Muskoka Campus, 440 Ecclestone Drive, Bracebridge, ON P1L 1Z6. Phone: (705) 645-2921 fax: (705) 645-2922 or e-mail: [muskoka@nipissingu.ca](mailto:muskoka@nipissingu.ca)

## **Off-Campus Housing**

There is a variety of housing available in the City of North Bay. The Student Residence office offers off-campus housing lists, maps of the city, bus schedules and telephones to assist you in finding suitable accommodation. For information, call (705) 474-7600, ext. 5345.

## **Office of the Registrar**

Nipissing students use the "My Nipissing" link on the Nipissing University website to update their address; to add and drop courses during registration periods; to see course schedules; and, to check their grades.

The forms required to change majors, to apply to other degree programs at Nipissing and to apply to graduate are available from the Registrar's Office. Students who require official authorization of university enrollment for external financial aid or other reasons make these requests through the Receptionist in the Registrar's Office. Classroom bookings for campus club or group study activities and meetings are also made through this Office.

Official transcripts for all studies completed at Nipissing University are available from the Office of the Registrar. A completed Request for Transcripts form or a written request must be submitted with payment before a transcript will be issued. Office hours are normally Monday to Friday - 8:30 a.m. - 4:30 p.m. For more information, please contact (705) 474-3450, extension 4521.

## Peer Tutoring Program

Students who are experiencing difficulty in a particular course may request the assistance of a peer tutor. A non-refundable fee of \$25 is charged for peer tutor services; this fee covers five hours of tutoring. Peer tutor contracts may be renewed at the same rate if additional hours of tutoring are required.

Students who would like to become peer tutors must have an overall "B" average and a "B+" average in the course to be tutored. Applicants must also participate in a peer tutor training session. Peer tutors are paid according to an hourly student wage schedule.

Contact the Academic Skills Program in Student Affairs for more information and application forms at (705) 474-3450, extension 4362.

## Placement Services

All students and graduates are invited to take full advantage of our placement services. Throughout the year, job postings are listed for permanent and temporary part-time and full-time positions in employment fields suited to our current and graduating students. Several part-time positions are available on campus. Information sessions, fairs, and employment interviews are scheduled throughout the year. Help is available with résumé writing, job search, interview techniques and school-to-work transition. The Placement Office, located in Student Affairs, is normally open from 8:30 a.m. to 4:30 p.m.

## Residence

Students have three great choices when it comes to living in residence. They can choose to live in one of the two apartment-style complexes or they can choose to live in the townhouse style complex. The apartments accommodate four to five students each, while the townhouses accommodate six students. All units are either all male or all female. Students in each unit or townhouse share a common living room, kitchen and washroom facilities. Laundry facilities and a recreation/common room area are located in each of the residence complexes.

Students will receive their residence application along with their offer of admission to the University. Applications, along with the \$300 residence deposit, must be received by the deadline in the Finance Office, Nipissing University, 100 College Drive, Box 5002, North Bay, Ontario, P1B 8L7.

Students are strongly encouraged to spend their first year living in residence. Living away from home for the first time can be an exciting and challenging time. Nipissing University paves the way with an excellent residence life program. The University believes that first-year students benefit greatly from the opportunity to live within the residence system, and that the transition from high school to university is easier as a result.

Residence life provides students with many wonderful experiences. It's about meeting new people and exploring new ideas. It's about eating, studying, and socializing together, the people you meet, the lifelong friends that you will make. There is a genuine sense of belonging that naturally develops in each residence and in each house. It is an experience that you do not want to miss!

## Student Insurance Plan

A student insurance plan is in effect for full-time students, providing such benefits as; 80% coverage for prescription drugs, 100% coverage for health services such as physiotherapy and massage therapy (with doctor's referral), dental accident expense reimbursement, and benefits for accidental death and dismemberment (plan details may change and will be made available prior to enrolling). Proof of coverage cards and plan details may be picked up at Student Affairs, Room A201 or in the NUSU Office.

## Women's / International Centre

This shared facility, located adjacent to Student Affairs, is available for use by International students as well as the Women's Centre participants. The Women's Centre is active throughout the school year planning events and activities to raise awareness on women's and gender issues. The International Centre offers students opportunities for exchanging cultural experiences, as well as exploring the exchange programs offered to Nipissing University students.

## Student Life

In addition to the normal academic routine at Nipissing University, there are many other activities available to interested students. These activities fall into three main categories: athletic, cultural, and recreational or social. For the most part, they are co-ordinated by the Nipissing University Student Union (NUSU) with some assistance from interested faculty and staff. A number of other cultural and recreational facilities in the community are open to students at the University.

## Cultural Activities

A number of clubs at Nipissing University provide varied cultural opportunities. These clubs may be subsidized, in whole or in part, by NUSU and their activities are co-ordinated by the Vice-President Student Life.

Clubs include the Environmental Action Team, Nipissing University Business Society, the American Sign Language Club, the Club Français, the Word Society, the Nipissing University Drama Entourage, the Classics Club, the Philosophy Club, the Society for Social, Economic and Environmental Change, the Sewing Club and the Ski Club, among others.

In addition to these clubs, there are other cultural events taking place during the year. The University also sponsors a series of Public Lectures during the academic year featuring distinguished speakers on a wide range of topics. There is also a bi-weekly student newspaper called *The Hibou*. It is a great forum for opinions and information.

NipWorld, a new "globally-minded" organization of students, both domestic and international was formed under Nipissing International in 2003. NipWorld focuses on understanding in inclusion by celebrating difference by bringing global issues to the forefront on campus. This group also organizes local activities and excursions for international students.

WUSC (World University Service of Canada) local committee members include students staff and faculty at Nipissing Univer-



sity. We work to create a deeper understanding of development issues on campus and in our community. Programming highlights include the WUSC's summer seminar and internships abroad and supporting the student refugee program. For more information or to join contact Nipissing International.

## Social Activities

University life is more than classes and assignments. Social activities at any institution are important, both as a source of relaxation and as an opportunity for students to meet and share ideas in a less formal atmosphere. Nipissing University is noted for its friendly atmosphere, and this is reflected in the many social events sponsored by the Student Union.

The NUSU socials are always well-attended and enjoyable. These include varied special events such as theater and sporting trips, the Winter Formal, the Grad Cruise, Pubs at The Wall, and of course, Frosh Week. Certainly, there is something for everyone.

## Sports and Recreational Activities

The sports and recreation program at Nipissing University is an essential element of the total education program at the University. It provides a balanced program of intramural, recreational and inter-collegiate (varsity) athletics. A wide variety of sporting activities are available. These activities include hockey, basketball, volleyball, flag football, slo-pitch, cross country running, soccer, Nordic skiing and floor hockey. The aim is to provide an equal sporting opportunity to everyone and to encourage maximum participation in all events.

The intramural program includes co-ed volleyball, floor hockey, soccer, flag football and ice hockey. These programs are particularly popular and well attended.

Nipissing's varsity teams are called the "Lakers." The men and women participate in cross-country, soccer and volleyball. The University is a member of the OUA (Ontario University Athletics), CIS (Canadian Interuniversity Sport) and the OCAA (Ontario Colleges Athletic Association).

A recent addition to the University is a 21,000 square foot R.J. Surtees Athletics Centre. The centre houses a double gymnasium, squash court, cardio-weight room and change rooms. Students have access to the latest in weight and fitness equipment, such as treadmills, life cycles, cross trainers and free weights.

The Manager of Sports and Recreation works with an Athletics Council to co-ordinate all sports programs and to ensure an excellent and varied program of organized athletics activities. On the less structured side, the Education Centre campus consists of 290 hectares of natural woodland. The campus has over 16 kilometres of natural trails and five kilometres of cross-country ski trails. This environment provides students with a unique opportunity for outdoor recreation, right on campus.

The Athletic Centre hours of operation are normally Monday to Friday - 7 a.m. - 11 p.m. and weekends from 10 a.m. - 6 p.m. For more information, please contact (705) 474-3450, extension 4397.

## Student Centre

The Nipissing University Student Union (NUSU) and the Canadore Students Representative Council are jointly responsi-

ble for the operation and management of the Student Centre. This building, strategically located beside the main bus stop, serves as a common place on campus for students, staff and faculty. On the upper level of the Student Centre are the NUSU executive and administrative offices, NUSU boardroom, a coffee shop, bank machines, variety store, The BAC Pita and Pizza, as well as The Hub, which is a Sony play station room and internet café. The mezzanine and lower levels are part of The Wall, which is Nipissing University's campus pub. Patrons have access to pool tables, large screen televisions, video games, comfortable lounge seating, and The BAC Fry and Grill, a road-house style restaurant.

The Student Centre was financed through a loan granted to the students by Nipissing University's Board of Governors, which is being paid back through the Student Centre levy.

## Student Union

The Nipissing University Student Union (NUSU) is the official body representing the student point of view at Nipissing. All students, both full-time and part-time, both in North Bay and in Bracebridge, belong to the Student Union and fund the organization through their incidental fees, payable at registration.

NUSU deals with many aspects of student life on campus, including the political movements and the social events. Student awareness campaigns, dealing with such topics as AIDS, alcohol and drug use, safe sex, violence and accessible education are run annually. During the first week in September, Frosh Week activities introduce first year students to the university and to the City of North Bay. Frosh Week culminates in Shinerama, a national student fundraising event on behalf of the Canadian Cystic Fibrosis Foundation. A record \$23,000 was raised in the highly successful 2003 campaign.

Live concerts, out of town trips to theatrical or sporting events and panel discussions are examples of activities sponsored by NUSU each year. NUSU also sponsors a Food Bank on campus for students in need.

NUSU's political business is conducted by Council, which meets once a week throughout the academic year. All meetings are open to the public, and the Constitution, By-laws and Minutes are available from the NUSU offices. The Council is composed of four executive officers, who are elected each spring (President, Vice-President External, Vice-President Student Life, and Vice-President Internal), and eleven representatives who are elected each fall. These positions represent students in the following specific areas of study: Humanities, Science, Social Science, Mature Students, Part-time Students, Professional Schools, Primary/Junior Education, Junior/Intermediate Education, Intermediate/Senior Education, Muskoka Campus, and Residence.

NUSU has two voting and four ex-officio seats on both the Senate and the Board of Governors, and representation on most of the Board and Senate Committees. NUSU chooses all of these representatives from among its NUSU council members.

NUSU's offices are located in the Student Centre. The phone number is (705) 474-1553 (direct line), or (705) 474-3461, ext. 4440 (administrative office), ext. 4489 (President), ext. 4303 (Vice-President External), ext. 4302 (Vice-President Student Life), ext. 4409 (Vice-President, Internal). The fax number is (705) 474-7732. The President can be reached via e-mail at: [president@nusu.com](mailto:president@nusu.com)

# Graduation

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Services provided in the central office include: photocopies, faxes, International Student Travel Cards, courier service, students' rights information and general information about the work of the Student Union.

## Graduation Procedures

Students must complete an Application for Graduation form available from the Office of the Registrar. Application is required of all graduates whether or not they attend Convocation. Forms must be returned before the specified deadline. Applications received after the deadline may be applied to the next graduation.

Students who are unable to attend the Annual Convocation Ceremony should request that their degree be conferred in absentia. Diplomas will be mailed to those who do not attend convocation.

## Transcripts

Graduates will each receive one official transcript upon graduating. To order additional transcripts, students must present their request in writing to the Office of the Registrar. The fee for these additional transcripts is outlined in the Service Fees section.

An official transcript will automatically be sent directly to the College of Teachers for all full-time Bachelor of Education students who qualify to graduate.

## Replacement of Graduation Diplomas

Graduates may apply in writing to the Office of the Registrar for a replacement of their graduation diplomas. The fee for this service is \$35.

## Convocation Ceremony

The 2005 Convocation Ceremonies are scheduled for Wednesday, June 8, Thursday, June 9 and Friday, June 10. Students may apply to graduate in the fall, but there will not be a Fall Convocation Ceremony.

## Distinction at Graduation

Students graduating with an overall average of 80% or higher on all Nipissing courses that are required to complete the degree, will be granted their degree "with distinction". The overall average is calculated on a minimum of 60 credits completed at Nipissing and presented for the degree.

There is no "with distinction" designation for Faculty of Education graduands.

## Residency Requirements

To be considered for a Nipissing University degree, students in the Faculty of Arts and Science must successfully complete at least 30 credits at Nipissing.

Students who apply to graduate with a general degree must include at least 18 Nipissing credits in each major.

Students who apply for an honours degree must include at least 30 Nipissing credits in each major.

Students who apply for a (liberal) degree must include at least nine Nipissing credits in each sequence.

# Charges and Fees

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## Arts and Science & Bachelor of Education Programs

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### General Information

This Calendar is published several months in advance of the academic year. The University reserves the right to change fees and refund policies without notice.

Payment of academic fees does not imply a student's acceptance to the University or approval of their registration. Academic requirements have to be satisfied before registration is completed. Once a student has registered, he or she is then responsible for assessed fees.

### Definitions

A full-time student in the Fall/Winter Session is one who is registered in 24 credits or more. The normal course load is 30 credits.

A part-time student in the Fall/Winter Session is one who is registered in 12 credits or less. Part-time overload is permitted to a maximum of 21 credits by approval of the Dean of Arts and Science.

### Senior Citizens

Nipissing University welcomes senior citizens (60 years of age or over as at the date of registration) as students. Regular tuition and incidental fees are applicable for senior citizens. A tuition fee waiver is available to part-time students and is available upon request. Please direct inquiries regarding this waiver to the Finance Office.

### Receipt for Income Tax

Tuition and Education Credit Certificates (T2202A's) will be mailed by the end of February to the permanent address of all full-time and part-time students. There will be a charge of \$5.00 for preparation of duplicate receipts. Tax receipts are not prepared for residence payments.

### Statements of Account

Statements are generally mailed in October/November for the Fall/Winter term and a final statement for outstanding accounts are mailed at the end of the term in March/April. Statements will be mailed to the student's permanent address that is on file. If for some reason a student does not receive their statement of account, they are still responsible for paying any outstanding balance by the due date. Inquiries concerning account balance should be directed to the Finance Office. To avoid paying late payment penalties, students should not wait to receive a statement of fees owing before making payment.

Please note that statements of account are not automatically mailed after each transaction. If courses are added after confirmation of registration, the student is financially responsible for the courses and should consult with the Finance Office to ensure that all fees are paid.

### Payment Methods

Payments are acceptable by cash, certified cheque, debit card, bank draft or money order payable to Nipissing University. **Credit card payments are not accepted.** If paying by debit card, please ensure that the payment you intend to make will not exceed your daily withdrawal limit. For convenience, payments by cheque or money order may be made by using the after-hours drop box located outside the Finance Office (F216). Students are strongly encouraged to submit their payment by mail to avoid line-ups. If payment is submitted by mail, please ensure that your Nipissing University student number is recorded on the front of the cheque. Payments sent by mail and postmarked by midnight of the deadline date will be accepted without penalty. Regardless of the date on the cheque, unless it is received in the Finance Office by the specified due date, the student will be subject to a late payment service charge of \$35.00.

Students who intend to pay their fees with government loans (OSAP) must have applied for assistance no later than June 30, 2004. If application for assistance is made after this date, funds may not be available in time for the payment of fees by the deadlines noted below. Such students may be required to make their first payment from their own resources. Please note that June 30 is not the final deadline to apply for OSAP funding (See Financial Aid, Scholarships, Bursaries and Awards in index for further information).

All scholarships administered by Nipissing University are first applied to any outstanding tuition and student fees. The remainder of the award, if any, is forwarded by cheque to the student.

### Sponsorships

Students who will be sponsored must submit a sponsorship letter to the Finance Office in order for the appropriate sponsor to be invoiced. A sponsorship letter must be submitted for each session that the student attends. Sponsorship letters may be submitted by fax (705-474-5086) to the Finance Office. In order for fees other than tuition (E.g. Residence, Books, etc.) to be charged to the sponsor, the sponsorship letter must specifically mention the fees they intend to pay. The student remains the individual responsible for fees if the sponsor fails to submit payment and/or upon cancellation of the sponsorship.

### Returned Cheques

Any student who issues a cheque for payment to Nipissing University and whose cheque is returned to the University for any reason will be subject to a service charge of \$40.00 for cheques equal to or greater than \$250.00, \$20.00 for cheques less than \$250.00.

## Installment Payment Option

Total fees payable is calculated in accordance with the fee schedule. Students may pay their fees in two installments. For the 2004-2005 Fall/Winter term, an installment fee of \$40.00 for full-time students and \$20.00 for part-time students, payable upon registration, will be applied to the accounts of students paying by installment.

## Late Payment of Fees

Students who fail to comply with their first payment requirement will be subject to a finance service charge of \$35.00. A late payment service charge will be levied on outstanding accounts after each of the following dates: September 17/04, October 22/04, January 14/05 and March 11/05.

Non-payment of fees may render a student ineligible for registration in future sessions. In addition, students who are in financial arrears to the University will not be issued their transcripts of record, statement of standing or related evidence of their academic progress until such time as their account is cleared.

## Withdrawals and Refunds

For information regarding refunds due to withdrawal from a course, please refer to Withdrawal and Tuition Fee Adjustment and Tuition Credit Schedule section (see index for Withdrawal and Tuition Fee Adjustment). Refund cheques are generally processed and mailed to the permanent home address within 4 to 6 weeks. If a sponsor or external scholarship is used to pay tuition, any refund would be sent to the payee. If tuition is paid with OSAP, depending upon the individual circumstance, the refund amount may be sent to OSAP.

## Faculty of Arts and Science Fee Calculation

All students should refer to the Other Fees section (see index for Other Fees) for additional charges that may apply to them.

The fee calculation tables at the end of this section are applicable to Canadian Citizens, Permanent Residents and International Students exempt from Visa requirements (see index for International Student Fees). Each 3-credit course is considered a half course and each 6-credit course is considered 1 full course. Incidental fees are mandatory and non-refundable after the start of the session. For a detailed breakdown of incidental fees refer to Other Fees section (see index for Other Fees).

## Auditor Fees

Students who enroll as auditors will be responsible for paying an audit fee and the incidental fee associated with the credit value of the course being audited. The audit fee for a 3-credit course is \$70.00 and \$140.00 for a 6-credit course.

## International Student Fees

All international students are required to pay for the Mandatory University Health Insurance Plan (UHIP) upon their arrival. Students will not be permitted to register unless they purchase UHIP. Complete plan information is available by contacting Student Affairs or on the UHIP web site at

<http://www.uhip.mercer.ca>. The current UHIP fees (subject to amendment) for full-time degree seeking students is \$612.47 for the year.

The International student tuition fees are \$850.00 per 3-credit course and \$1700.00 per 6-credit course. Therefore the international tuition rate for a regular full course load of 30 credits (5.0 full courses) is \$8500.00.

Incidental fees are charged in addition to the tuition fees. Full time incidental fees currently total \$793.00 and are mandatory fees charged to all students and are non-refundable after the start of the session. For a detailed breakdown of incidental fees refer to Other Fees section (see index for Other Fees).

A limited number of special foreign student bursaries are available to students after their first year of study at Nipissing University. Please contact the Financial Aid Office for further information.

## Correspondence/Off-campus (Includes Muskoka Campus) Fee Calculation

Please refer to the fee calculation table labeled Off-Campus Faculty of Arts & Science Tuition Calculation for payment due dates and tuition amounts. The fee calculation table is applicable to Canadian Citizens, Permanent Residents and International Students exempt from Visa requirements.

For students who have advance registered in February, 2004 and paid the tuition deposit and submitted the registration form before June 18, 2004, please deduct the \$25.00 advance registration credit from the total fees (if submitting full payment) or the first installment payment (if submitting payments by installment). International students registered in Arts and Science Off-campus courses will be charged the international student tuition rate, however, the off-campus incidental fees will be applied (see index for Other Fees).

## Faculty of Education - Bachelor of Education Program Fee Calculation

Please refer to the fee calculation table at the end of this section, labeled Bachelor of Education Tuition Calculation for payment due dates and tuition amounts. The fee calculation table is applicable to Canadian Citizens, Permanent Residents and International Students exempt from Visa requirements. International students registered in the Bachelor of Education program will pay international student fees for a regular full course load (\$8500.00) and each option course fee is \$850.00. UHIP fees and Bachelor of Education incidental fees are also applicable.

All students should refer to the Other Fees section (see index for Other Fees) for additional charges that may apply to them. Students involved with the Laptop Program will be charged \$1400.00 for the Laptop Computer Lease. A transcript fee is included in the tuition calculation and the University will automatically send a transcript to the Ontario College of Teachers as soon as the degrees are conferred.

**Payment Due Dates: Full-time Students (Registered in 24 credits or more)**

		<b>OPTION 1</b>	<b>OPTION 2</b> See fee calculations for amounts due.	
	<b>\$200.00 Deposit</b>	<b>Full Payment</b>	<b>1st Installment: 50% of Tuition Fee plus Installment Fee</b>	<b>2nd Installment: Balance</b>
Arts and Science New first-year	On or before the Date of registration*	On or before Sept. 17/04	On or before Sept. 17/04	On or before Jan. 14/05
Returning Students Advance Registered in February 2004	On or before June 18/04	On or before Sept. 17/04	On or before Sept. 17/04	On or before Jan. 14/05
New upper-year and returning students (Not Advanced Registered)	On or before Aug. 13/04*	On or before Sept. 17/04	On or before Sept. 17/04	On or before Jan. 14/05
Bachelor of Education	Upon Acceptance**	On or before Sept. 17/04	On or before Sept. 17/04	On or before Jan. 14/05

\*A late registration fee of \$60 will apply after these dates.

\*\* An additional \$300.00 deposit is required by July 30, 2004 for Bachelor of Education students.

**Payment Due Dates: Part-time Students (Registered in 21 credits or less)**

		<b>OPTION 1</b>	<b>OPTION 2</b> (Available for students registered in multiple terms) See fee calculations for amounts due.	
	<b>\$100.00 Deposit Per Session</b>	<b>Full Payment</b>	<b>1st Installment: Term 1 and 1/2 Term 3 Fees plus Installment Fee</b>	<b>2nd Installment: Term 2 and 1/2 Term 3 Fees</b>
<b>Arts and Science Spring &amp; Summer 2004</b>				
Spring 2004 (Terms 1, 4, 5)	On or before April 30/04*	On or before May 3/04	On or before May 3/04	On or before May 14/04
Summer 2004 (Terms 0, 6, 7)	On or before July 02/04*	On or before July 2/04	On or before July 2/04	On or before July 16/04
<b>Arts and Science Fall &amp; Winter 2004/2005</b>				
Returning Students Advance Registered in February 2004	On or before June 18/04	Term 1 & 3 Registration only: On or before Sept. 17/04  Term 2 Registration only: On or before Jan. 14/05	On or before Sept. 17/04	On or before Jan. 14/05
New upper-year and returning students (Not Advanced Registered)	Term 1 & 3 Registration only: On or before Aug. 13/04*  Term 2 Registration only: On or before Jan. 03/05*	Term 1 & 3 Registration only: On or before Sept. 17/04  Term 2 Registration only: On or before Jan. 14/05	On or before Sept. 17/04	On or before Jan. 14/05

\* A late registration fee of \$30 will apply after these dates.

## Other Fees

### A. Incidental Fees (Mandatory and Non-Refundable after start of session)

	Full-time on-campus	Part-time on-campus per 6-credit course	Part-time off-campus per 6-credit course
Athletics	\$60.00	\$5.00	N/A
Health Services	\$17.00	N/A	N/A
Student Services Fee	\$75.00	\$10.25	N/A
Student Insurance Plan	\$35.00	N/A	N/A
E-mail/Internet Access Fee	\$50.00	\$10.00	N/A
Student ID Card	4.25	N/A	N/A
Nipissing University Student Union	\$123.75	\$15.75	N/A
Canadian Federation of Students	\$13.00	N/A	N/A
Cancopy Fee	\$5.00	\$1.00	N/A
Hibou Subsidy	\$5.00	\$1.00	N/A
Student Centre Maintenance Fund	\$20.00	N/A	N/A
Student Centre Levy	\$40.00	\$8.00	\$8.00
Student Centre Capital Fund Fee	\$80.00	N/A	N/A
Athletic Complex Maintenance Fee	\$50.00	\$10.00	N/A
Athletic Complex Levy	\$100.00	\$20.00	N/A
Bus Pass (1)	\$115.00	N/A	N/A
<b>Total Incidental Fees</b>	<b>\$793.00</b>	<b>\$81.00</b>	<b>\$8.00</b>

(1) Bus Pass fee is applicable to students registered in 18 or more credits in the Fall/Winter academic term.

Nursing Program Students: in addition to regular incidental fees, there will be a charge of \$5.00 for membership in the Canadian Nursing Student Association.

### B. Service Fees

	Full-time on-campus	Part-time on-campus	Part-time off-campus
Advance Registration Discount(1)	\$ (25.00)	\$ (25.00)	\$ (25.00)
Late Registration fee	\$60.00	\$30.00	\$30.00
Course Cancellation fee (2)	\$200.00	\$30.00	\$30.00
Installment fee	\$40.00	\$20.00	\$20.00
Replacement ID Cards	\$8.50	\$8.50	\$8.50
Certificate of Bilingualism	\$45.00	\$45.00	\$45.00
Duplicate T2202A Receipt	\$5.00	\$5.00	\$5.00
Transcript fee (3)	\$8.00	\$8.00	\$8.00
Locker Rental (contact Campus Shop)	\$20.00	\$20.00	N/A
Replacement Diploma	\$35.00	\$35.00	\$35.00
Letter of Permission	\$25.00	\$25.00	\$25.00
Advanced Standing/Transfer Credit	\$25.00	\$25.00	\$25.00
* Special Final Examinations	\$56.00	\$56.00	\$56.00
* FSL Testing - oral/written	\$32.00	\$32.00	\$32.00
* FSL Retest	\$48.00	\$48.00	\$48.00
Residence fees - per week (Contact Residence Manager)			
Parking (Contact Security Office)			

#### \* Non-refundable fees

- (1) Applies to returning full and part time Faculty of Arts and Science students who register for Fall/Winter 2004 - 2005 courses in February, 2004 and have paid the deposit and submitted the registration form on or before June 18, 2004.
- (2) Cancellation fee is applicable to registered students who officially withdraw prior to the session start date.
- (3) Transcripts may be ordered by fax and charged to your MasterCard or VISA credit card. Along with your request, please include your student number, credit card number, expiry date and signature. Requests should be faxed to the Office of the Registrar at (705) 495-1772. Credit card payments that cannot be processed for any reason (e.g., declined, invalid number, expired card, etc.) will be subject to a processing fee of \$20.00.

## Withdrawal and Tuition Fee Adjustment

By registering, students undertake to pay all fees for the entire year regardless of the arrangements made for deferred payments. Students wishing to withdraw from a course or courses must apply to do so on the appropriate form through the Office of the Registrar. Students wishing to withdraw from off-campus courses must submit a letter of withdrawal to the attention of the Office of the Registrar.

After the request has been approved by the Faculty Dean and returned to the Office of the Registrar, the student is then officially withdrawn and may be eligible for a credit of a portion of tuition fees to their account. The amount of the credit of fees is calculated from the date the withdrawal form letter is received by the Office of the Registrar. Discontinuing attendance at classes, notification to the instructor, or stopping payment on a cheque presented at registration, does not constitute official withdrawal.

## Tuition Credit Schedule

Tuition fee credits will be calculated according to the schedule below. If a credit remains on a student's account after all fees are paid, a refund cheque will be issued.

### Faculty of Arts and Science

Spring 2004 Term	Full Term Beginning Apr. 30, 2004 (Term 1)	First Term Beginning Apr. 30, 2004 (Term 4)	Second Term Beginning May 31, 2004 (Term 5)	Credit
Before session begins	May 4/04 - \$790.00	May 4/04 - \$395.00	June 1/04 - \$395.00	100%
On or before	May 7/04 - \$711.00	May 6/04 - \$355.50	June 3/04 - \$355.50	90%
On or before	May 14/04 - \$592.50	May 10/04 - \$296.25	June 7/04 - \$296.25	75%
On or before	May 21/04 - \$395.00	May 12/04 - \$197.50	June 9/04 - \$197.50	50%
On or before	May 28/04 - \$197.50	May 14/04 - \$98.75	June 11/04 - \$98.75	25%
After	May 28/04 - \$0.00	May 14/04 - \$0.00	June 11/04 - \$0.00	0%
Summer 2004 Term	Full Term Beginning June 30, 2004 (Term 0)	First Term Beginning June 30, 2004 (Term 6)	Second Term Beginning July 26, 2004 (Term 7)	Credit
Before session begins	July 6/04 - \$790.00	July 6/04 - \$395.00	July 28/04 - \$395.00	100%
On or before	July 9/04 - \$711.00	July 8/04 - \$355.50	July 30/04 - \$355.50	90%
On or before	July 16/04 - \$592.50	July 12/04 - \$296.25	Aug. 3/04 - \$296.25	75%
On or before	July 23/04 - \$395.00	July 14/04 - \$197.50	Aug. 5/04 - \$197.50	50%
On or before	July 30/04 - \$197.50	July 16/04 - \$98.75	Aug. 9/04 - \$98.75	25%
After	July 30/04 - \$0.00	July 16/04 - \$0.00	Aug. 9/04 - \$0.00	0%

### Faculty of Arts and Science and Faculty of Education - Bachelor of Education Program

Fall/Winter 2004 - 2005	Full Term Beginning Sept. 2004 (Term 3)	First Term Beginning Sept. 2004 (Term 1)	Second Term Beginning Jan. 2005 (Term 2)	Credit
On or before	Sept. 17/04 - \$790.00	Sept. 17/04 - \$395.00	Jan. 14/05 - \$395.00	100%
On or before	Sept. 24/04 - \$711.00	Sept. 24/04 - \$355.50	Jan. 21/05 - \$355.50	90%
On or before	Oct. 29/04 - \$592.50	Oct. 1/04 - \$296.25	Jan. 28/05 - \$296.25	75%
On or before	Nov. 12/04 - \$395.00	Oct. 8/04 - \$197.50	Feb. 4/05 - \$197.50	50%
On or before	Jan. 7/05 - \$316.00	Oct. 15/04 - \$158.00	Feb. 11/05 - \$158.00	40%
On or before	Jan. 28/05 - \$197.50	Oct. 29/04 - \$98.75	Feb. 25/05 - \$98.75	25%
After	Jan. 28/05 - \$0.00	Oct. 29/04 - \$0.00	Feb. 25/05 - \$0.00	0%

## Faculty of Arts and Science Tuition Calculation: New and Upper-year Returning Students Not Advance Registered

If you are a new student or you are a returning student who did not advance register in February/04, you do not qualify for the advance registration credit. Your tuition amount will be...

### Full-time Calculations

Full tuition is due September 17/04. If you are a full-time student registered in 24 credits or more, you have the option of paying in 2 installments at a cost of \$40.00. The first installment includes half of tuition, incidental fees, installment fee, less the deposit paid. Second installment is the remaining half of tuition.

	<b>24 Credits (4.0 course-load)</b>	<b>27 Credits (4.5 course-load)</b>	<b>30 Credits (5.0 course-load)</b>	<b>33 Credits (5.5 course-load)</b>	<b>36 Credits (6.0 course-load)</b>
Tuition	\$3,160.00	\$3,555.00	\$3,950.00	\$4,345.00	\$4,740.00
Incidental Fees	793.00	793.00	793.00	793.00	793.00
Sub-Total	\$3,953.00	\$4,348.00	\$4,743.00	\$5,138.00	\$5,533.00
Less: Deposit	(200.00)	(200.00)	(200.00)	(200.00)	(200.00)
<b>Total Balance Owning</b>	<b>\$3,753.00</b>	<b>\$4,148.00</b>	<b>\$4,543.00</b>	<b>\$4,938.00</b>	<b>\$5,333.00</b>
1ST Installment Sept. 17/04	\$2,213.00	\$2,410.50	\$2,608.00	\$2,805.50	\$3,003.00
2ND Installment Jan. 14/05	\$1,580.00	\$1,777.50	\$1,975.00	\$2,172.50	\$2,370.00

### Part-time Calculations

Full tuition is due September 17/04. If you are a part-time student registered in 21 credits or less and registered in multiple terms, you have the option of paying in 2 installments at a cost of \$20.00. The first installment includes tuition for all Term 1 courses, half of Term 3 courses, installment fee, student ID Card, bus pass and full incidental fees, less the deposit paid. Second installment includes tuition for all Term 2 courses and the second half of Term 3 courses.

	<b>3 Credits (0.5 course-load)</b>	<b>6 Credits (1.0 course-load)</b>	<b>9 Credits (1.5 course-load)</b>	<b>12 Credits (2.0 course-load)</b>	<b>15 Credits (2.5 course-load)</b>	<b>18 Credits (3.0 course-load)</b>	<b>21 Credits (3.5 course-load)</b>
Tuition	\$395.00	\$790.00	\$1,185.00	\$1,580.00	\$1,975.00	\$2,370.00	\$2,765.00
Incidental Fees	40.50	81.00	121.50	162.00	202.50	243.00	283.50
ID Card	4.25	4.25	4.25	4.25	4.25	4.25	4.25
Bus Pass	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sub-Total	\$439.75	\$875.25	\$1,310.75	\$1,746.25	\$2,181.75	\$2,732.25	\$3,167.75
Less: Deposit	(100.00)	(100.00)	(100.00)	(100.00)	(100.00)	(100.00)	(100.00)
<b>Total Balance Owning</b>	<b>\$339.75</b>	<b>\$775.25</b>	<b>\$1,210.75</b>	<b>\$1,646.25</b>	<b>\$2,081.75</b>	<b>\$2,632.25</b>	<b>\$3,067.75</b>

**Example Installment Calculation for Part-Time Registration:** registered in 18 credits - 2 X 6-credit (Term 3) courses + 2 X 3-credit (Term 2) courses:

	<b>Due Sept.17/04</b>	<b>Due Jan. 14/05</b>
Term 3 Tuition (2 X 790 = \$1580) divide by 2 =	\$790.00	\$790.00
Term 2 Tuition	0.00	790.00
Installment Fee	20.00	0.00
ID Card	4.25	0.00
Bus Pass	115.00	0.00
Incidental Fees	243.00	0.00
Deposit Paid	-100.00	0.00
<b>Total Due By Due Date</b>	<b>\$1,072.25</b>	<b>\$1,580.00</b>



## Faculty of Arts and Science Tuition Calculation: Returning Students Advance Registered

If you advance registered in February/04 and paid the deposit and submitted the registration form before June 18/04, you qualify for the advance registration credit of \$25.00. Your tuition amount will be...

### Full-time Calculations

Full tuition is due September 17/04. If you are a full-time student registered in 24 credits or more, you have the option of paying in 2 installments at a cost of \$40.00. The first installment includes half of tuition, incidental fees, installment fee, less the early reg credit and the deposit paid. Second installment is the remaining half of tuition.

	24 Credits (4.0 course-load)	27 Credits (4.5 course-load)	30 Credits (5.0 course-load)	33 Credits (5.5 course-load)	36 Credits (6.0 course-load)
Tuition	\$3,160.00	\$3,555.00	\$3,950.00	\$4,345.00	\$4,740.00
Incidental Fees	793.00	793.00	793.00	793.00	793.00
Sub-Total	\$3,953.00	\$4,348.00	\$4,743.00	\$5,138.00	\$5,533.00
Less: Early Reg Credit	(\$25.00)	(\$25.00)	(\$25.00)	(\$25.00)	(\$25.00)
Less: Deposit	(200.00)	(200.00)	(200.00)	(200.00)	(200.00)
Total Balance Owing	\$3,728.00	\$4,123.00	\$4,518.00	\$4,913.00	\$5,308.00
1ST Installment Sept. 17/04	\$2,188.00	\$2,385.50	\$2,583.00	\$2,780.50	\$2,978.00
2ND Installment Jan. 14/05	\$1,580.00	\$1,777.50	\$1,975.00	\$2,172.50	\$2,370.00

### Part-time Calculations

Full tuition is due September 17/04. If you are a part-time student registered in 21 credits or less and registered in multiple terms, you have the option of paying in 2 installments at a cost of \$20.00. The first installment includes tuition for all Term 1 courses, half of Term 3 courses, installment fee, student ID Card, bus pass and full incidental fees, less the early reg credit and the deposit paid. Second installment includes tuition for all Term 2 courses and the second half of Term 3 courses.

	3 Credits (0.5 course-load)	6 Credits (1.0 course-load)	9 Credits (1.5 course-load)	12 Credits (2.0 course-load)	15 Credits (2.5 course-load)	18 Credits (3.0 course-load)	21 Credits (3.5 course-load)
Tuition	\$395.00	\$790.00	\$1,185.00	\$1,580.00	\$1,975.00	\$2,370.00	\$2,765.00
Incidental Fees	40.50	81.00	121.50	162.00	202.50	243.00	283.50
ID Card	4.25	4.25	4.25	4.25	4.25	4.25	4.25
Early Registration Credit	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00	-25.00
Bus Pass	N/A	N/A	N/A	N/A	N/A	115.00	115.00
Sub-Total	\$414.75	\$850.25	\$1,285.75	\$1,721.25	\$2,156.75	\$2,707.25	\$3,142.75
Less: Deposit	(100.00)	(100.00)	(100.00)	(100.00)	(100.00)	(100.00)	(100.00)
Total Balance Owing	\$314.75	\$750.25	\$1,185.75	\$1,621.25	\$2,056.75	\$2,607.25	\$3,042.75

**Example Installment Calculation for Part-Time Registration:** registered in 18 credits - 2 X 6-credit (Term 3) courses + 2 X 3-credit (Term 2) courses:

	Due Sept. 17/04	Due Jan. 14/05
Term 3 Tuition (2 X 790 = \$1580) divide by 2 =	\$790.00	\$790.00
Term 2 Tuition	0.00	790.00
Installment Fee	20.00	0.00
ID Card	4.25	0.00
Bus Pass	115.00	0.00
Incidental Fees	243.00	0.00
Early Registration Credit	-25.00	0.00
Deposit Paid	-100.00	0.00
<b>Total Due By Due Date</b>	<b>\$1,047.25</b>	<b>\$1,580.00</b>

## Off-Campus Faculty of Arts and Science Tuition Calculation: New and Upper-year Returning Students Not Advance Registered

If you are a new student or you are a returning student who did not advance register in February/04, you do not qualify for the advance registration credit. Your tuition amount will be...

### Full-time Calculations

Full tuition is due September 17/04. If you are a full-time student registered in 24 credits or more, you have the option of paying in 2 installments at a cost of \$40.00. The first installment includes half of tuition, incidental fees, installment fee, less the bus pass fee and the deposit paid. Second installment is the remaining half of tuition.

	<b>24 Credits (4.0 course-load)</b>	<b>27 Credits (4.5 course-load)</b>	<b>30 Credits (5.0 course-load)</b>	<b>33 Credits (5.5 course-load)</b>	<b>36 Credits (6.0 course-load)</b>
Tuition	\$3,160.00	\$3,555.00	\$3,950.00	\$4,345.00	\$4,740.00
Incidental Fees	793.00	793.00	793.00	793.00	793.00
Less: Bus Pass Exempt	(115.00)	(115.00)	(115.00)	(115.00)	(115.00)
<b>Sub-Total</b>	<b>\$3,838.00</b>	<b>\$4,233.00</b>	<b>\$4,628.00</b>	<b>\$5,023.00</b>	<b>\$5,418.00</b>
Less: Deposit	(200.00)	(200.00)	(200.00)	(200.00)	(200.00)
<b>Total Balance Owning</b>	<b>\$3,638.00</b>	<b>\$4,033.00</b>	<b>\$4,428.00</b>	<b>\$4,823.00</b>	<b>\$5,218.00</b>

1ST Installment Sept. 17/04	\$2,098.00	\$2,295.50	\$2,493.00	\$2,690.50	\$2,888.00
2ND Installment Jan. 14/05	\$1,580.00	\$1,777.50	\$1,975.00	\$2,172.50	\$2,370.00

### Part-time Calculations

Full tuition is due September 17/04. If you are a part-time student registered in 21 credits or less and registered in multiple terms, you have the option of paying in 2 installments at a cost of \$20.00. The first installment includes tuition for all Term 1 courses, half of Term 3 courses, installment fee, full incidental fees, less the deposit paid. Second installment includes tuition for all Term 2 courses and the second half of Term 3 courses.

	<b>3 Credits (0.5 course-load)</b>	<b>6 Credits (1.0 course-load)</b>	<b>9 Credits (1.5 course-load)</b>	<b>12 Credits (2.0 course-load)</b>	<b>15 Credits (2.5 course-load)</b>	<b>18 Credits (3.0 course-load)</b>	<b>21 Credits (3.5 course-load)</b>
Tuition	\$395.00	\$790.00	\$1,185.00	\$1,580.00	\$1,975.00	\$2,370.00	\$2,765.00
Incidental Fees	4.00	8.00	12.00	16.00	20.00	24.00	28.00
<b>Sub-Total</b>	<b>\$399.00</b>	<b>\$798.00</b>	<b>\$1,197.00</b>	<b>\$1,596.00</b>	<b>\$1,995.00</b>	<b>\$2,394.00</b>	<b>\$2,793.00</b>
Less: Deposit	(100.00)	(100.00)	(100.00)	(100.00)	(100.00)	(100.00)	(100.00)
<b>Total Balance Owning</b>	<b>\$299.00</b>	<b>\$698.00</b>	<b>\$1,097.00</b>	<b>\$1,496.00</b>	<b>\$1,895.00</b>	<b>\$2,294.00</b>	<b>\$2,693.00</b>

**Example Installment Calculation for Part-Time Registration:** registered in 18 credits - 2 X 6-credit (Term 3) courses + 2 X 3-credit (Term 2) courses:

	<b>Due Sept. 17/04</b>	<b>Due Jan. 14/05</b>
Term 3 Tuition (2 X 790 = \$1580) divide by 2 =	\$790.00	\$790.00
Term 2 Tuition	0.00	790.00
Installment Fee	20.00	0.00
Incidental Fees	24.00	0.00
Deposit Paid	-100.00	0.00
<b>Total Due By Due Date</b>	<b>\$734.00</b>	<b>\$1,580.00</b>

\* If you advance register in February/04, paid the deposit and submitted the registration form before June 18/04, you qualify for the advance registration credit of \$25.00 Please deduct the \$25.00 advance registration credit from the total fees (if submitting full payment) or the first installment payment (if submitting payments by installment).

## Bachelor of Education Tuition Calculation

### Option Courses:

EDUC 4986E - Education of Native Canadians (\$466.50)  
 EDUC 1526E - Religious Education in the Roman Catholic Separate Schools (\$466.50)  
 EDUC 1515E - Didactique du français langue seconde, partie I (\$800.00)\*  
 EDUC 4916E - Outdoor & Experiential Education (\$466.50)\*  
 EDUC 4683E - Mental Health Issues in School Populations (\$466.50)  
 EDUC 4706E - Kindergarten: Curriculum Theory and Practice (\$466.50)  
 EDUC 4707E - Music Education through Technology (\$466.50)

\*Note: The following option courses are subject to additional charges:

EDUC 1515E - Didactique du français langue seconde, partie I: Additional cost of \$165.00 for French Immersion Weekend.  
 EDUC 4916E - Outdoor & Experiential Education: Additional cost of \$350.00 for Outdoor Immersion Weekends.

Full tuition is due September 17/04. You have the option of paying in 2 installments at a cost of \$40.00. The first installment includes half of tuition and option course fees, incidental fees, transcript fee, less the deposits paid. Second installment is the remaining half of tuition and option course fees.

	No Option	One Option (Excluding French)	Two Options (Excluding French)	Three Options (Excluding French)
Tuition	\$4,665.00	\$4,665.00	\$4,665.00	\$4,665.00
Option Course Fee	0.00	466.50	933.00	1399.50
Transcript Fee	8.00	8.00	8.00	8.00
Incidental Fees	793.00	793.00	793.00	793.00
<b>Sub-Total</b>	<b>\$5,466.00</b>	<b>\$5,932.50</b>	<b>\$6,399.00</b>	<b>\$6,865.50</b>
Less: Deposit due upon acceptance	(200.00)	(200.00)	(200.00)	(200.00)
Less: 2nd Deposit due by July 30/04	(300.00)	(300.00)	(300.00)	(300.00)
<b>Total Balance Owning</b>	<b>\$5,266.00</b>	<b>\$5,732.50</b>	<b>\$6,199.00</b>	<b>\$6,665.50</b>
1ST Installment Sept. 17/04	\$2,673.50	\$2,906.75	\$3,140.00	\$3,373.25
2ND Installment Jan. 14/05	\$2,332.50	\$2,565.75	\$2,799.00	\$3,032.25

  

	French Option	French + One Option	French + Two Options	French + Three Options
Tuition	\$4,665.00	\$4,665.00	\$4,665.00	\$4,665.00
Option Course Fee	800.00	1266.50	1733.00	2199.50
Transcript Fee	8.00	8.00	8.00	8.00
Incidental Fees	793.00	793.00	793.00	793.00
<b>Sub-Total</b>	<b>\$6,266.00</b>	<b>\$6,732.50</b>	<b>\$7,199.00</b>	<b>\$7,665.50</b>
Less: Deposit due upon acceptance	(200.00)	(200.00)	(200.00)	(200.00)
Less: 2nd Deposit due by July 30/04	(300.00)	(300.00)	(300.00)	(300.00)
<b>Total Balance Owning</b>	<b>\$6,066.00</b>	<b>\$6,532.50</b>	<b>\$6,999.00</b>	<b>\$7,465.50</b>
1ST Installment Sept. 17/04	\$3,073.50	\$3,306.75	\$3,540.00	\$3,773.25
2ND Installment Jan. 14/05	\$2,732.50	\$2,965.75	\$3,199.00	\$3,432.25

# Financial Aid, Scholarships, Bursaries and Awards

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The awards on the following pages are grouped according to the following general definitions:

**Scholarships** – based on academic achievement.

**Bursaries** – based on financial need.

**Awards** – based on financial need/academics and other relevant criteria.

Note: unless otherwise specified in the terms of the scholarship, you must be in a full course load (24 credits) to be considered for an award and to receive the award

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## Student Financial Assistance

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### Ontario Student Assistance Program (OSAP)

#### Full-Time Students

Students enrolling in at least 60% of a full course load who are Canadian citizens or permanent residents, who have been residents in Ontario for one year prior to beginning their academic program and who satisfy the admission requirements of a Canadian university or an eligible post-secondary institution in Ontario, may apply for financial assistance under this program.

Students qualify for assistance from OSAP on the basis of an established financial need, and funds are provided to supplement students' own financial resources and those of their immediate families.

To facilitate early processing, prospective students are strongly advised to apply in April for the following academic year.

Students wishing to use OSAP funding to pay for tuition must submit their OSAP application to the Financial Aid Office by June 30 to ensure that loans arrive in time for the start of classes. Please note that the deadline to apply without penalty for OSAP is actually 45 days from the start of the study period (in October).

Further information and applications are available from the Financial Aid Office, or from the OSAP web site at <http://osap.gov.on.ca>.

#### Part-time Students

Part-time students with demonstrated financial need may qualify for a grant of up to \$1200. To be eligible, you must meet the requirements for a part-time Canada Student Loan. In addition, you will be required to explain why you are studying on a part-time basis and you must have a gross (family) income below specified government guidelines. Please contact the Financial Aid Office for additional information and applications.

### Ontario Work Study/Nipwork Program

Nipissing University offers a Work Study program that enables needy students to work part-time on campus. Applications are available in the Financial Aid Office or may be printed from our website. The majority of work study positions begin in September so students are encouraged to apply early. It is expected that students will have explored all possible funding options, including OSAP, before applying for this program.

Once students are determined to be eligible for the program, they may apply for positions posted on the Placement Services website or in the Student Affairs Office (A201).

### International Work Study Program

The International Work-Study program provides part-time, on-campus employment to international students who can prove financial need.

International Work-Study is not intended to provide emergency funding; it is to act as a supplement to a student's finances and to provide valuable on-campus employment which is allowed via Citizenship & Immigration Canada (CIC). Applications may be obtained from the Financial Aid Office.

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## Faculty of Arts and Science Entrance Scholarships

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Unless otherwise indicated, students will be considered automatically for the following scholarships. Only students who have graduated from high school in the same calendar year in which they are entering Nipissing University will be considered. Averages for scholarship and award eligibility are determined on the basis of the best six 4U, 4M and/or OAC final course marks completed by June 30th of the graduating year. Current high school applicants from other Canadian provinces are also eligible for scholarship consideration.

### President's Scholarships

**Value:** value of tuition in first year, then \$3,000/yr renewable

**Application required:** No

**Type:** Scholarship

These scholarships provide outstanding students with a special opportunity to study in a Northern Ontario university environment. They are awarded to full-time students entering the first year of an undergraduate degree program in the Faculty of Arts and Science at Nipissing with a minimum of 90% average. It is necessary to maintain a minimum average of 85% on 30 credits over each Fall/Winter Session at Nipissing to qualify for renewal of the President's Scholarship. To be considered for these scholarships, students must apply for admission to Nipissing University prior to May 1. Note that tuition refers to the domestic fee rate being charged for the academic session.

## Carl Sanders Scholarships

**Value:** \$1,250 or \$2,250  
**Application required:** No  
**Type:** Scholarship

Awarded to full-time students entering the first year of an undergraduate degree program in the Faculty of Arts and Science at Nipissing. Students who attain a final average of 80% or better will receive a \$1,250 scholarship and students who attain a final average of 85% or better will receive a \$2,250 scholarship. To be considered, students must apply for admission to Nipissing University prior to May 1.

## Calliope Loukidelis Memorial Scholarship

**Value:** \$300  
**Application required:** No  
**Type:** Scholarship

Sponsored by the Canadian Federation of University Women and awarded to the full-time female Nipissing University student who received the highest overall average as a graduate from a Nipissing District Secondary School in the preceding year.

## Mac's Convenience Inc./ Northmar Distributors Entrance Scholarship

**Value:** \$1000; renewed at \$500  
**Application required:** Yes  
**Type:** Scholarship

Presented annually to a full-time, first year Faculty of Arts and Science student who has a minimum admittance average of 80%. Preference is given to a student who is the child or spouse of a corporate employee or dealer (Northern district) of Mac's Convenience Inc. or Northmar Distributors. Preference will also be given to a student who is enrolled in one of the following degree programs: Bachelor of Business Administration, Bachelor of Science (Computer Science), Bachelor of Arts (Administrative Studies or Economics). The recipient of this scholarship may be considered for a subsequent scholarship by maintaining at least an overall average of 80% during his/her first year at Nipissing University. Apply on the Nipissing University Application for Entrance Awards. You will be asked to submit a letter from either Mac's Convenience or Northmar Distributors to verify you are the child or spouse of an employee of either company. Deadline: March 25.

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## Faculty of Arts and Science Entrance Bursaries and Awards

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Unless otherwise indicated, students will be considered automatically for the following bursaries and awards.

Note: for the majority of our entrance bursaries and awards, you need only complete one application form, the Nipissing University Application for Entrance Awards, which is available on our website or which may be obtained from the Financial Aid Office.

## Chancellor's Awards

**Value:** \$10,000 first year; renewable at \$3,000 per year  
**Application required:** Yes  
**Type:** Award

These awards are presented to two full-time students entering full-time study in the Faculty of Arts and Science. Applicants must have a minimum 85% average and show evidence of personal leadership activities: e.g. excellence in fine arts, writing, debating; excellence in science extracurricular activities beyond local school class requirements; and/or significant citizenship contributions to community or family. Recipients must also demonstrate financial need. The award is renewable for up to three additional years at \$3,000 per year based on the maintenance of a minimum 85% average on 30 credits. Recipients of this award may not also hold a President's or Carl Sanders Scholarship. The application may be obtained from the Nipissing University web site or contact the Financial Aid Office for a copy. Deadline: March 25.

## Al Brennan Memorial Award

**Value:** \$250  
**Application required:** Yes  
**Type:** Award

Awarded each year to a local student entering full-time studies at Nipissing University who actively participated in extra curricular activities at the high school level in the previous year and who demonstrates financial need. Complete a Nipissing University Application for Student Awards available from the Financial Aid Office in mid-September of the year in which you are registering. Deadline: October 15.

## M.E. Follis University Founders' Award

**Value:** \$700  
**Application required:** Yes  
**Type:** Award

Presented annually to a full-time first year student in the School of Business and Economics who graduated from St. Joseph's - Scollard Hall, North Bay, Ontario, the previous year. Students will be considered based on their involvement in voluntary activities and demonstrated financial need. The recipient of this award may be considered for a second year by submitting a new application the following year. The Student Affairs Committee selects the successful candidate. Apply on the Nipissing University Application for Entrance Awards which may be found on our website or contact the Financial Aid Office for a copy. Applications require a letter of reference from a former educator at St. Joseph's-Scollard Hall. Deadline: March 25.

## Laurentian Community Veterans Association Award

**Value:** \$1,000  
**Application required:** Yes  
**Type:** Award

Presented on the basis of academic merit to a first year full-time student who was a graduate of Chippewa or Widdfield Secondary School in the previous year. Apply on the Nipissing University Application for Entrance Awards which may be found on

our website or contact the Financial Aid Office for a copy. The recipient must demonstrate financial need. Deadline: March 25.

## **Nipissing University Alumni Entrance Award**

**Value:** \$500  
**Application required:** Yes  
**Type:** Award

Presented to a full-time student, entering the Faculty of Arts and Science with a minimum "B" average (70%), who is the child or grandchild of a Nipissing graduate. The applicant must have demonstrated participation and leadership in extra-curricular activities such as volunteer service, achievement in athletics or the arts, or other significant endeavours. The final decision is made by the Student Affairs Committee. Apply on the Nipissing University Application for Entrance Awards which may be found on our website or contact the Financial Aid Office for a copy. Deadline: March 25.

## **Robert and Ann Parsons Northern Scholar Award**

**Value:** \$3,000  
**Application required:** Yes  
**Type:** Award

Designed to encourage North Bay and surrounding community high school students to study at Nipissing University. This award is presented to a full-time student entering the first year of a Bachelor of Arts (three year general, three year liberal or four year honours) degree at Nipissing University with a solid academic standing (minimum 75%). This award aims to recognize students who exemplify excellence among their peers in terms of academics, extra-curricular involvement and citizenship. The recipient must demonstrate financial need. Students are required to provide one supporting reference from an official representative at their high school. Apply on the Nipissing University Application for Entrance Awards which may be found on our website or contact the Financial Aid Office for a copy. Deadline: March 25.

## **Ptarmigan Mining Award**

**Value:** \$5,000  
**Application required:** Yes  
**Type:** Award

Presented to a first year student who is the child of a mining sector employee, has obtained a minimum average of 75%, and who demonstrates involvement in extra-curricular activities. Apply on the Nipissing University Application for Entrance Awards which may be found on our website or contact the Financial Aid Office for a copy. Deadline: March 25.

## **J.S. Redpath Limited Award in Business**

**Value:** \$2,500  
**Application required:** Yes  
**Type:** Award

Designed to attract students to the Bachelor of Business Administration degree program. Applicants must possess a minimum

75% average and exemplify interest and involvement in extra-curricular activities. Apply on the Nipissing University Application for Entrance Awards which may be found on our website or contact the Financial Aid Office for a copy. Deadline: March 25.

## **J.S. Redpath Limited Award in Environmental Science**

**Value:** \$2,500  
**Application required:** Yes  
**Type:** Award

Designed to attract students to the Bachelor of Science in Environmental Science and Physical Geography degree program. Applicants must possess a minimum 75% average, and exemplify interest and involvement in extra-curricular activities. Apply on the Nipissing University Application for Entrance Awards which may be found on our website or contact the Financial Aid Office for a copy. Deadline: March 25.

## **Bachelor of Science (Honours) in Environmental Biology and Technology Talon Tuition Award**

**Value:** \$5,000  
**Application required:** Yes  
**Type:** Award

Presented to a student entering the Bachelor of Science (Honours) in Environmental Biology and Technology program with a strong academic record who also demonstrates financial need. Apply on the Nipissing University Application for Entrance Awards which may be found on our website or contact the Financial Aid Office for a copy. Deadline: March 25.

## **Tuition Assistance Bursaries**

**Value:** maximum \$1,000  
**Application required:** Yes  
**Type:** Bursary

Students currently attending a high school who are applying for full-time admission to the first year of an undergraduate degree program at Nipissing University are eligible to apply for this award. To be considered, applicants must demonstrate financial need. Applicants must be Canadian Citizens or Permanent Residents of Canada and must have lived in Ontario for at least one year. Apply on the Nipissing University Application for Entrance Awards which may be found on our website or contact the Financial Aid Office for a copy. Deadline: March 25.

## **Delores Klingspon Voluntary Community Service Award**

**Value:** \$1,250  
**Application required:** Yes  
**Type:** Award

Presented annually to a full-time student enrolled for the first time in the Bachelor of Arts program (honours or general) in a humanities or social science discipline with a solid academic standing (minimum 75%). This award aims to recognize a stu-

dent who exemplifies an outstanding dedication to his/her community through active participation in organizations and projects that work towards enriching and improving the quality of life for individuals and the entire community. The recipient will demonstrate strong leadership skills, a desire to help those in need and the ability to motivate his/her peers to become active volunteers in the community. Preference will be given to students who have been active role models in Big Sisters' associations. The recipient must demonstrate financial need. The final decision is made by the Student Affairs Committee. Apply on the Nipissing University Application for Entrance Awards which may be found on our website or contact the Financial Aid Office for a copy. One academic reference from an official representative at the student's most recent educational institution and one additional character reference related to the community organization/projects, which the student has described in his/her application, must accompany all application packages. Deadline: March 25.

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## Scholarships, Bursaries and Awards Available to all Students

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The following awards are available to all Nipissing University students.

Unless otherwise indicated, students will be considered automatically for the following scholarships, bursaries and awards. For most awards, you need to complete only one application form, the Nipissing University Application for Student Awards, which is available from the Financial Aid Office late September.

Although in many circumstances it is indicated that an application is not necessary, if financial need is a criterion of the award then eligibility is determined on the basis of whether a student has applied for OSAP, bursary assistance or Ontario Work Study/Nipwork.

### Aramark Canada Bursary

**Value:** \$1,000 each  
**Application required:** Yes  
**Type:** Bursary

Presented annually to four full-time Nipissing University students on the basis of financial need. Apply on the Nipissing University Application for Student Awards available from the Financial Aid Office. Deadline: October 15.

### Assante Bursary

**Value:** \$200  
**Application required:** Yes  
**Type:** Bursary

Presented annually to a full-time Nipissing University student. Apply on the Nipissing University Application for Student Awards available from the Financial Aid Office. Deadline: October 15.

### Dr. Kenneth J. Barry Memorial Bursary

**Value:** \$300  
**Application required:** Yes  
**Type:** Bursary

Awarded on the basis of financial need. Apply on the Nipissing University Application for Student Awards available from the Financial Aid Office. Deadline: October 15.

### Boart Longyear Bursary

**Value:** \$300  
**Application required:** Yes  
**Type:** Bursary

Presented on the basis of financial need. Apply on the Nipissing University Application for Student Awards available from the Financial Aid Office. Deadline: October 15.

### H.E. Brown Bursary

**Value:** \$200  
**Application required:** Yes  
**Type:** Bursary

Presented on the basis of financial need. Apply on the Nipissing University Application for Student Awards available from the Financial Aid Office. Deadline: October 15.

### Dr. Herb and Mrs. Geetie Brown Bursary

**Value:** \$300  
**Application required:** Yes  
**Type:** Bursary

Presented on the basis of financial need. Apply on the Nipissing University Application for Student Awards available from the Financial Aid Office. Deadline: October 15.

### Dr. Herbert A. Bruce Chapter IODE Bursary

**Value:** 2 at \$250 each  
**Application required:** Yes  
**Type:** Bursary

Awarded on the basis of financial need. Apply on the Nipissing University Application for Student Awards available from the Financial Aid Office. Deadline: October 15.

### Campus Shop Bursary

**Value:** \$250  
**Application required:** Yes  
**Type:** Bursary

Awarded on the basis of financial need. Apply on the Nipissing University Application for Student Awards available from the Financial Aid Office. Deadline: October 15.

## Canadian Federation of University Women Bursary

**Value:** \$250 each  
**Application required:** Yes  
**Type:** Bursary

Awarded to a female student demonstrating financial need. Apply on the Nipissing University Application for Student Awards available from the Financial Aid Office. Deadline: October 15.

## Joshua Carfagnini Awards

**Value:** \$500 each  
**Application required:** Yes  
**Type:** Award

Presented to selected full-time students participating in athletics. Selection is made on the basis of academic merit and financial need. Complete a Nipissing University Application for Student Awards available from the Financial Aid Office. Deadline: October 15. The recipients will be selected in consultation with the university athletics department.

## Class of 2002 Bursary

**Value:** \$500  
**Application required:** Yes  
**Type:** Bursary

Established by the graduating class of 2002, this bursary is presented annually, on the basis of financial need, to a full-time Nipissing University student. Apply on the Nipissing University Application for Student Awards available from the Financial Aid Office. Deadline: October 15.

## Embree Recognition Systems Bursary

**Value:** \$250  
**Application required:** Yes  
**Type:** Bursary

Presented annually to a full-time Nipissing University student on the basis of financial need. Apply on the Nipissing University Application for Student Awards available from the Financial Aid Office. Deadline: October 15.

## George Galanis Memorial Award

**Value:** \$1,000  
**Application required:** Yes  
**Type:** Bursary

Awarded on the basis of financial need. Apply on the Nipissing University Application for Student Awards available from the Financial Aid Office. Deadline: October 15.

## Phyllis Kathleen Hart Memorial Bursaries

**Value:** variable (\$500 minimum)  
**Application required:** Yes  
**Type:** Bursary

Awarded on the basis of financial need to Aboriginal Nipissing University students. Complete a Nipissing University Application for Student Awards available from the Financial Aid Office. Deadline: October 15.

## International Student Bursary

**Value:** variable  
**Application required:** Yes  
**Type:** Bursary

Awarded to international students studying full-time at Nipissing University in at least their second year of study who demonstrate financial need. Complete a Nipissing University Application for Student Awards available from the Financial Aid Office. Deadline: October 15.

## John Jeffries Award

**Value:** \$500 each  
**Application required:** Yes  
**Type:** Bursary

Established by John Jeffries, former Laker's coach of women's volleyball from 1994-1998. The award is presented to three students who exhibit outstanding athletic participation in the sport of women's volleyball, and who demonstrate financial need. Complete a Nipissing University Application for Student Awards available from the Financial Aid Office. Deadline: October 15.

## Carrie Ruth Johnston Award

**Value:** \$1,250  
**Application required:** Yes  
**Type:** Bursary

Presented to a student to ensure a Nipissing University education remains financially accessible. Apply on the Nipissing University Application for Student Awards available from the Financial Aid Office. Deadline: October 15.

## Tom Johnston Award

**Value:** \$1,250  
**Application required:** Yes  
**Type:** Bursary

Presented to a student to ensure a Nipissing University education remains financially accessible. Apply on the Nipissing University Application for Student Awards available from the Financial Aid Office. Deadline: October 15.



## Jack and Mary Ann Jones Athletics Awards

**Value:** 4 awards at \$1000  
**Application required:** Yes  
**Type:** Award

Presented to two female and two male full-time upper-year students who have been, and continue to be, involved in athletics at Nipissing University. The recipients must have obtained a minimum 70% average over the previous academic year at Nipissing and demonstrate financial need. The recipients are chosen by the Manager of Financial Aid and a representative of the University's Advancement Office. Complete a Nipissing University Application for Student Awards available from the Financial Aid Office. Deadline: October 15.

## Jack and Mary Ann Jones International Exchange Awards

**Value:** up to \$1500  
**Application required:** Yes  
**Type:** Award

Presented to selected students who are participating in international exchange activities through Nipissing University. Recipients must demonstrate financial need. Applications are available in the Financial Aid Office.

## L'Hibou Award

**Value:** \$500  
**Application required:** No  
**Type:** Award

Presented to the full-time first year student who best combines a high level of academic excellence with an interest and involvement in the affairs of Nipissing University. A minimum of first class honour standing is generally required plus active participation in cultural and/or athletic events that better the life of the University. The award is to go to the student who most successfully strives toward excellence and virtue, and in some measure succeeds. Candidates must be recommended by the Student Union.

## Laker's Men's Volleyball Award

**Value:** \$750  
**Application required:** Yes  
**Type:** Bursary

Established by past and present student athletes and friends of Laker's Men's Volleyball. The award is presented to a student who demonstrates outstanding athletic participation in the sport of men's volleyball and who is deemed most deserving by the Financial Aid Administrator. Complete a Nipissing University Application for Student Awards available from the Financial Aid Office. Deadline: October 15. Selection will be made in consultation with the Director of the Athletics Department.

## Jacqueline Lecour Memorial Fund Bursary

**Value:** \$200  
**Application required:** Yes  
**Type:** Bursary

Presented on the basis of financial need. Apply on the Nipissing University Application for Student Awards available from the Financial Aid Office. Deadline: October 15.

## Mayne Travel Services Bursary

**Value:** \$300  
**Application required:** Yes  
**Type:** Bursary

Awarded on the basis of financial need. Apply on the Nipissing University Application for Student Awards available from the Financial Aid Office. Deadline: October 15.

## Nipissing University Faculty Association Emergency Bursary Fund

**Value:** max. \$500 per recipient  
**Application required:** Yes  
**Type:** Bursary

Available to full-time and part-time Nipissing University students who demonstrate significant financial need in an emergency situation. Limited assistance is available annually. The value of assistance varies depending on the situation. See the Manager of Financial Aid to apply.

## Nipissing University Faculty Association (NUFA) Learning Opportunities Assistantships

**Value:** maximum awards of \$800 each  
**Application required:** Yes  
**Type:** Award

Presented to upper year, full-time or part-time Nipissing University students from the Faculty of Arts and Science or the Faculty of Education to encourage the continuation of learning experiences and projects outside the classroom, campus or community. Recipients must have at least an overall "B" average and present a project/learning experience that is self-initiated and not related to any faculty-directed research projects or assignments. A special committee of NUFA members selects the recipients of the assistantships. Recipients must provide feedback/presentation about their learning opportunity to the other students/faculty in the course related to their assistantship. For more information on the assistantships and application deadlines please see the Financial Aid Office. Applications, including a written explanation of the project/learning experience, projected costs and significance of the project/learning experience to the university community must be accompanied by a letter of support from a Nipissing University faculty member. Final deadline to apply is March 15 but intake is continuous throughout the year and applications are considered on a first-come, first-served basis; applications must be submitted at least three weeks before the learning experience.

## Nipissing University Laker Spirit Award

**Value:** \$250  
**Application required:** No  
**Type:** Scholarship

Awarded annually to a full-time upper year student whose integrity, scholarship and extra-curricular contribution to the Nipissing University athletic community is outstanding. This award aims to recognize a student who strives to encourage the "Laker Spirit" in one or more of the following areas of university athletics: varsity and intramural sports, winter classic, the Nipissing University Student Athletic Council, coaching and/or official game duties. All nominated candidates are required to be in good academic standing. Nominations will be requested from the university community (faculty, staff, students and alumni) in February. The decision is made by the Athletics Advisory Board.

## Nipissing University Reinvestment Fund Bursary

**Value:** variable  
**Application required:** Yes  
**Type:** Bursary

Established through donations from businesses, service clubs, individuals and Nipissing University itself. Bursaries are awarded to students who are enrolled at Nipissing University and who are in financial need. Complete the Nipissing University Application for Student Awards available from the Financial Aid Office. Deadline: October 15.

## NUSU (Nipissing University Student Union) Bursary

**Value:** \$500  
**Application required:** Yes  
**Type:** Bursary

Presented to full-time students who demonstrate financial need to ensure a Nipissing University education remains financially accessible. NUSU has provided a total of \$4500 to fund these bursaries. Apply on the Nipissing University Application for Student Awards available from the Financial Aid Office. Deadline: October 15.

## NUSU Service Award

**Value:** \$500  
**Application required:** No  
**Type:** Award

Presented to a full-time or part-time Nipissing student who actively engages in service to the Nipissing University and North Bay communities. This student's involvement will uphold NUSU's mandate of servicing the university community. The recipient will be selected by NUSU.

## NUSU Student Life Award

**Value:** \$500  
**Application required:** No  
**Type:** Award

Presented to a full-time student who most enhances student life at the University. The award was established in 1993 in commemoration of the first year of Nipissing's status as a university and the University's 25th anniversary. Candidates for nomination cannot include current members of the Student Union Executive or those with Council responsibilities; rather the award is intended to recognize any other extra-curricular activities taken on by the nominee. The recipient is selected by the Student Union. Candidates must be nominated.

## NUSTAND (Nipissing University Student to Alumni Network Development) Citizenship Award

**Value:** \$500  
**Application required:** No  
**Type:** Award

Presented to a full-time student who demonstrates financial need and also contributes to the enhancement of student life through involvement with clubs, athletics events, and other volunteer driven organizations on campus.

## Nugget Bursary

**Value:** \$250  
**Application required:** Yes  
**Type:** Bursary

Awarded on the basis of financial need. Apply on the Nipissing University Application for Student Awards available from the Financial Aid Office. Deadline: October 15.

## Power Financial Corporation Bursary

**Value:** \$1,000  
**Application required:** Yes  
**Type:** Bursary

Presented annually to a full-time Nipissing University student on the basis of financial need. Apply on the Nipissing University Application for Student Awards available from Student Affairs. Deadline: October 15.

## Ruth Rightmyer Memorial Bursary

**Value:** \$200  
**Application required:** Yes  
**Type:** Bursary

Awarded on the basis of financial need. Apply on the Nipissing University Application for Student Awards available from the Financial Aid Office. Deadline: October 15.

## Rotary Club of Nipissing Scholarship

**Value:** \$1,000  
**Application required:** Yes  
**Type:** Award

Awarded to a full-time Nipissing University student in his/her second, third or fourth year (BEd included). The recipient must have maintained a minimum overall average of 80%, as well as exemplify the Rotarian goal of "Service above Self" in the community. The final decision will be made by the Rotary Club of Nipissing. The recipient must demonstrate financial need. Applications may be obtained from the Financial Aid Office. Deadline: October 15.

## Royal & Sun Alliance Insurance Bursary

**Value:** \$1,000  
**Application required:** Yes  
**Type:** Bursary

Presented annually to a full-time Nipissing University student on the basis of financial need. Apply on the Nipissing University Application for Student Awards available from the Financial Aid Office. Deadline: October 15.

## Brent Saari Memorial Bursary

**Value:** \$300  
**Application required:** Yes  
**Type:** Bursary

Awarded on the basis of financial need. Apply on the Nipissing University Application for Student Awards available from the Financial Aid Office. Deadline: October 15.

## Herb and Tena Sparrow Memorial Awards

**Value:** two awards at \$1250 each  
**Application required:** Yes  
**Type:** Award

Established in honour of Mr. Herbert Moffat Sparrow and Mrs. Christena Isabel "Tena" Sparrow's dedication, spirit and commitment to Northern Ontario, these awards are presented to two full-time Nipissing University students who exemplify dedication to volunteer and community service. The recipients must also demonstrate financial need. Apply on the Nipissing University Application for Student Awards available from the Financial Aid Office. Deadline: October 15.

## Mrs. L. Surtees Bursary

**Value:** \$200  
**Application required:** Yes  
**Type:** Bursary

Awarded on the basis of financial need. Apply on the Nipissing University Application for Student Awards available from the Financial Aid Office. Deadline: October 15.

## R. Surtees Bursary

**Value:** \$100  
**Application required:** Yes  
**Type:** Bursary

Presented on the basis of financial need. Apply on the Nipissing University Application for Student Awards available from the Financial Aid Office. Deadline: October 15.

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## Faculty of Arts and Science Scholarships, Bursaries and Awards

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Unless otherwise indicated, students will be considered automatically for the following scholarships, bursaries and awards.

Although in many circumstances it is indicated that an application is not necessary, if financial need is a criterion of the award then eligibility is determined on the basis of whether a student has applied for OSAP, bursary assistance or Ontario Work Study/Nipwork.

## Multi-Disciplines

### Carl Sanders Scholarships

**Value:** \$500 and \$750  
**Application required:** No  
**Type:** Scholarship

Awarded to full-time students entering second, third or fourth year of an undergraduate program at Nipissing. Students will receive a \$500 scholarship if they attain a minimum average of 80%, or a \$750 scholarship if they attain a minimum average of 85% on 30 credits over the previous Fall/Winter session at Nipissing.

### John Douglas Barker Memorial Award

**Value:** \$1,000  
**Application required:** No  
**Type:** Award

Presented annually to a full-time second year student enrolled in either the Bachelor of Science, or the Bachelor of Science (Honours) in Environmental Biology and Technology program with a minimum average of 70% who also demonstrates financial need.

### Dr. Herbert A. Bruce Chapter IODE Award

**Value:** \$250  
**Application required:** Yes  
**Type:** Award

Presented to the full-time Nipissing University student in good academic standing deemed most deserving by the Awards Committee. Complete a Nipissing University Application for Student

Awards available from the Financial Aid Office. Deadline: October 15.

### **Canadian Federation of University Women Arts Scholarship**

**Value:** \$200  
**Application required:** No  
**Type:** Scholarship

Awarded to the female student in third year who has achieved the highest overall average (over 80%) in the first two years of the Arts program at Nipissing University and who has graduated from one of the five North Bay High Schools.

### **Canadian Federation of University Women Liberal Science Scholarship**

**Value:** \$200  
**Application required:** No  
**Type:** Scholarship

Awarded to the female student with the highest academic standing in the first two years of the Bachelor of Liberal Science program, and who is continuing full-time studies at Nipissing University in the same program.

### **Marc Chenier Memorial Awards**

**Value:** \$600  
**Application required:** No  
**Type:** Scholarship

Presented to two deserving students in good academic standing, taking three or more courses, who are in one of the following categories:

- 1) a special needs student who has shown persistence and courage in pursuing his/her studies;
- 2) a student who is aiding a special needs person on campus or in the community;
- 3) a student who heightens awareness of special needs on campus or in the community.

The final decision is made by the Student Affairs Committee. Candidates must be recommended to the Financial Aid Office by October 15.

### **Ivan A. Clysdale Memorial Awards**

**Value:** \$625 each  
**Application required:** No  
**Type:** Award

Presented annually to two full-time Faculty of Arts and Science students who demonstrate hard work and enthusiasm in the classroom. Recipients are selected by the Student Affairs Committee.

### **Critchley Delean Trussler Evans Bertrand College Admission Awards**

**Value:** \$500 each  
**Application required:** Yes  
**Type:** Award

Presented annually to two new full-time Nipissing University students who attended an Ontario CAAT (College of Applied Art and Technology) during the previous academic year. Eligible students will be considered based on two factors:

- 1) a minimum overall B+ average from College, and
- 2) evidence of financial need.

Complete a Nipissing University Application for Student Awards available from the Financial Aid Office. Deadline: October 15.

### **Margaret Frith Memorial Award**

**Value:** \$500  
**Application required:** Yes  
**Type:** Award

Presented annually to a continuing full-time Faculty of Arts and Science student with a minimum average of 75%. The recipient must demonstrate financial need. Complete a Nipissing University Application for Student Awards available from the Financial Aid Office. Deadline: October 15.

### **Shirley Harris Wood Memorial Award**

**Value:** \$300  
**Application required:** No  
**Type:** Scholarship

Presented to a full-time female student enrolled in her third or fourth year of a four-year program (preferably in the Humanities) with a minimum 70% average overall, who, at the time of admission was admissible as a Mature Student or as a college transfer, and is deemed deserving by the Awards Committee.

### **Agnes Macphail Scholarship**

**Value:** \$200  
**Application required:** No  
**Type:** Scholarship

Donated by Dr. Patricia Hughes and awarded to the full-time female mature student with the highest average (minimum 75%) on five concurrent courses entering second year full-time studies at Nipissing.

### **Mac's Convenience Inc./ Northmar Distributors Mature Student Scholarship**

**Value:** \$1000; renewed at \$500  
**Application required:** Yes  
**Type:** Scholarship

Presented annually to a full-time, Faculty of Arts and Science student enrolled in his/her second year with a minimum first year average of 80% on a minimum of 18 credits, who at the

time of admission was admissible as a mature student. Preference is given to students who are the child or spouse of a corporate employee or dealer (Northern district) of Mac's Convenience Inc. or Northmar Distributors. Preference will also be given to students enrolled in the following degree programs: Bachelor of Business Information Systems, Bachelor of Business Administration, Computer Science, Bachelor of Arts (Administrative Studies or Economics). The recipient of this scholarship may be considered for a subsequent scholarship by maintaining at least an overall 80% average during his/her second year at Nipissing University. Submit a letter to the Financial Aid Office requesting to be considered for this award, along with a letter from either Mac's Convenience or Northmar Distributors to verify he/she is the child or spouse of an employee of either company. Deadline: October 15.

### **Nipissing University Arts and Science Aboriginal Award**

**Value:** \$500  
**Application required:** Yes  
**Type:** Award

Presented annually to a second year full-time Aboriginal student enrolled in an Arts and Science degree program who has a minimum overall average of 75% and demonstrates financial need. Apply on the Nipissing University Application for Student Awards available from the Financial Aid Office. Deadline: October 15.

### **Nipissing University Alumni Association Distinguished Alumnus/a Award**

**Value:** \$500  
**Application required:** Yes  
**Type:** Award

Presented in honour of a distinguished alumnus each year. It is awarded on the basis of financial need to an upper year student in the Orientation to Teaching Program who has at least an overall "B" average. Complete a Nipissing University Application for Student Awards available from the Financial Aid Office. Deadline: October 15.

### **Nipissing University Alumni Association Student Life Award**

**Value:** \$500  
**Application required:** Yes  
**Type:** Award

Presented to a second, third, or fourth year, full-time student maintaining a minimum 70% average. The student will have contributed to one or more of the following categories: on campus clubs, volunteer community services, student government, athletic teams, or active participation in extra-curricular activities. The recipient is selected by the Alumni Association in conjunction with the Financial Aid Administrator and must demonstrate financial need. Complete a Nipissing University Application for Student Awards available from the Financial Aid Office. Deadline: October 15.

### **Nipissing University Faculty Association (NUFA) Academic Achievement Awards in Arts and Science**

**Value:** two awards at \$2,000  
**Application required:** Yes  
**Type:** Award

Presented annually to two returning, full-time students enrolled in the Faculty of Arts and Science program with a minimum overall average of 85%. A special committee comprising members of NUFA and the Student Affairs committee will select the recipients of the Academic Achievement Award. Preference will be given to students who are not the recipients of the Nipissing University President's Scholarship. Applications, including a written explanation of the student's past accomplishments and future career goals, must be accompanied by a resume and a letter of reference from a Nipissing University faculty member. Applications are available in the Financial Aid Office. Deadline: October 15.

### **NUSU (Nipissing University Student Union) Bachelor of Science Scholarship**

**Value:** \$500  
**Application required:** No  
**Type:** Scholarship

Awarded to the full-time BSc student with the highest average (minimum 70%) in the first year on five concurrent courses entering second year full-time BSc studies at Nipissing University.

### **North Bay Kinette Community Service Award**

**Value:** \$350  
**Application required:** Yes  
**Type:** Award

Presented to a second, third or fourth year student from the North Bay community who exemplifies a volunteer/community service attitude. The recipient must demonstrate financial need. Complete a Nipissing University Application for Student Awards available from the Financial Aid Office. Deadline: October 15.

### **R.W. Pyper Orientation to Teaching Award**

**Value:** \$500  
**Application required:** No  
**Type:** Award

Established to honour Mr. Pyper's dedication, spirit and commitment to education during his 32 year career as a high school teacher. This award is presented annually to an upper year, full-time OTT student with a strong academic standing and demonstrated potential for excelling in the field of education. The recipient must demonstrate financial need.

## Royal Bank Technological Studies Award

**Value:** \$1,000

**Application required:** No

**Type:** Award

Presented annually to a full-time second, third or fourth year student enrolled in either Computer Science, Bachelor of Business Information Systems, or Bachelor of Science (Honours) in Environmental Biology and Technology with a minimum average of 75%. The recipient must demonstrate financial need.

## Scotia Bank Award for Excellence in Technology

**Value:** \$1,000

**Application required:** No

**Type:** Award

Presented annually to a full-time second, third or fourth year student enrolled in the Bachelor of Business Information Systems or the Bachelor of Science (Honours) in Environmental Biology and Technology program with a minimum average of 70%.

## Talon Research Assistantships

**Value:** up to \$1,000

**Application required:** Yes

**Type:** Award

Designed to further strengthen research as part of scholarship at Nipissing University. The awards are presented to selected upper year students enrolled in eligible courses participating in research activities. Applications are available in the Financial Aid Office and are reviewed on a first come, first served basis. Final deadline: January 15.

## Tembec Citizenship Awards

**Value:** \$500

**Application required:** No

**Type:** Award

Presented to selected students entering second, third or fourth year of Nipissing University with at least an overall "B" average, who are in one or more of the following categories:

- 1) they display admirable leadership qualities in the community, in student government, or in other student activities,
- 2) they devote significant efforts to volunteer activities to benefit our community,
- 3) they actively participate in extra-curricular activities.

Selection of the successful candidate is made by the Student Affairs Committee. Nominations are requested from the University community (faculty, staff, and students) in October. Recipients must demonstrate financial need.

## J.W. Trusler Proficiency Awards in Arts and Science

**Value:** \$300

**Application required:** No

**Type:** Scholarship

Presented to a graduating student, either part-time or full-time, in each major. The recipients are chosen by the respective faculty of each major, primarily on the basis of academic achievement. Each student must have a minimum 80% average in the course used to calculate the average in his/her major. The majority of credits (24 for three-year degree students and 48 for four-year degree students) must have been earned at Nipissing University. Students with a double major are only eligible to receive one J.W. Trusler Award.

## Governor General's Academic Silver Medal

**Application required:** No

**Type:** Medal

This medal is awarded for academic excellence to the student graduating from a three-year or four-year bachelor degree program in the Faculty of Arts and Science with the highest academic standing.

## President's Gold Medals

The full- or part-time student graduating from the Faculty of Arts and Science who attains the highest academic average in all courses in that degree program will receive a President's Gold Medal and a cash award of \$500. Students in a four-year program must have earned a minimum of 90 credits at Nipissing University and have a minimum overall average of 80%. Students in a three-year program must have earned a minimum of 60 credits at Nipissing University and have an overall average of at least 80%.

A student may not receive a President's Gold Medal and the J.W. Trusler Proficiency Award at the same time.

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## Business/Economics

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### Assante Macroeconomics Award

**Value:** \$1,000

**Application required:** No

**Type:** Award

Presented to a full-time upper year student who excelled (minimum 70%) in the Intermediate Macroeconomic Theory course (ECON 2016E) at Nipissing University in the preceding year. The recipient must demonstrate financial need.

### Assante Microeconomics Award

**Value:** \$1,000  
**Application required:** No  
**Type:** Award

Presented to a full-time upper year student who excelled (minimum 70%) in the Intermediate Microeconomic Theory course (ECON 2006E) at Nipissing University in the preceding year. The recipient must demonstrate financial need.

### Boart Longyear Award in Business

**Value:** \$2,500  
**Application required:** No  
**Type:** Award

Given to a returning student pursuing a Bachelor of Business Administration degree. Applicants must be in good academic standing in courses taken in the previous year as a full-time student at Nipissing and must demonstrate financial need.

### Canadian Imperial Bank of Commerce Entrepreneurial Business Award

**Value:** \$1,000  
**Application required:** No  
**Type:** Award

Presented to a full-time student who excelled in the Introduction to Small Business Administration course (ADMN 3306E). Students must be nominated by their Department. The recipient must demonstrate financial need.

### Stephen Carnegie Memorial Award

**Value:** \$1,000  
**Application required:** No  
**Type:** Award

Presented to a full-time, upper year student enrolled in the Bachelor of Business Administration (BBA) program with a minimum average of 75%. Preference is given to students in the accounting stream. The recipient must demonstrate financial need.

### Certified General Accountants Association of Ontario Award

**Value:** \$150  
**Application required:** No  
**Type:** Scholarship

Presented to a graduating student who intends to pursue a CGA designation and has obtained the highest cumulative average (minimum 80%) in ADMN 2106E, ADMN 2107E, ADMN 2146E and ADMN 2147E. In addition to the cash award, the recipient receives an indexed credit equivalent to one year's study in the CGA program.

### John H. Clark Award

**Value:** \$2,500  
**Application required:** No  
**Type:** Award

Awarded to a full-time second, third or fourth year Bachelor of Business Administration student with an excellent academic record who also demonstrates financial need.

### William J. Hotten Award

**Value:** \$200  
**Application required:** No  
**Type:** Scholarship

Presented to the full-time student in Administrative Studies or Business demonstrating outstanding perseverance and determination in his/her studies. The recipient is selected by the Business Department.

### Human Resources Professionals Association Prize

**Value:** membership  
**Application required:** No  
**Type:** Award

Awarded annually to a third-year student enrolled in the Bachelor of Business Administration degree program, streaming in Human Resources, who displays leadership skills and high academic standing. The Financial Aid Office will provide the HRP AO with the name and mailing address of the student who fits the requirements.

### Nipissing University Alumni Association Bachelor of Business Administration Award

**Value:** \$500  
**Application required:** No  
**Type:** Award

Presented to an upper-year, full-time student who has excelled in the Bachelor of Business Administration Program at Nipissing University. The recipient must demonstrate financial need.

### NUSU (Nipissing University Student Union) Bachelor of Business Administration Scholarship

**Value:** \$500  
**Application required:** No  
**Type:** Scholarship

Awarded to the full-time BBA student with the highest average (minimum 70%) in the first year on five concurrent courses entering second year full-time BBA studies at Nipissing University.

## North Bay and District Chartered Accountant's Association Award

**Value:** \$250  
**Application required:** No  
**Type:** Scholarship

Presented to a full-time student who has completed the third year of Nipissing University's four year Bachelor of Business Administration degree and has demonstrated high academic achievement and other merits.

## Northmar Distributors' Award in Business Information Systems

**Value:** \$250  
**Application required:** No  
**Type:** Award

Presented annually to a full-time second year student enrolled in the Bachelor of Business Information Systems program with a minimum average of 75%. The recipient must demonstrate financial need.

## Brian "Irish" O'Reilly Memorial Award

**Value:** \$500  
**Application required:** Yes  
**Type:** Award

Established by the Kinsmen Club of North Bay in memory of Brian "Irish" O'Reilly. This award is presented annually to a second, third or fourth year student enrolled in the School of Business and Economics at Nipissing University. The recipient will display a commitment to volunteerism and community service, as well as exemplify admirable leadership and citizenship qualities. The recipient must demonstrate financial need.. Complete a Nipissing University Application for Student Awards available from the Financial Aid Office. Deadline: October 15.

## Optimum Frontier Insurance Business Proficiency Award

**Value:** \$1,000  
**Application required:** No  
**Type:** Award

Presented annually to a full-time second, third or fourth year student enrolled in the Nipissing University School of Business and Economics with a minimum average of 75%. The recipient must demonstrate financial need.

## Sara Whitehead Memorial Awards

**Value:** \$2,500 each  
**Application required:** No  
**Type:** Award

Awarded annually to two full-time, female students who are currently enrolled in second, third or fourth year of the Bachelor of Business Administration program. The recipients will have earned a minimum 70% average and will have contributed significantly to the local community on a voluntary basis in one or

more of the following areas: Business, Athletics, Community Support. The recipients are selected by the Business Faculty. Nominations, including a written summary of the nominee's volunteer activities, must be submitted to the Chair of the Business Department by October 15. Recipients must demonstrate financial need.

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## Computer Science

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### CIBC Wood Gundy Award in Computer Science

**Value:** \$500  
**Application required:** No  
**Type:** Award

Presented annually to a full-time second, third or fourth year student enrolled in the Computer Science program with a minimum average of 70%. The recipient must demonstrate financial need.

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## Criminal Justice

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### Nipissing University Alumni Association Criminal Justice Award

**Value:** \$500  
**Application required:** No  
**Type:** Award

Presented to a full-time student in at least second year of the Bachelor of Arts (Honours) in Criminal Justice on the basis of academic merit (minimum 70%) deemed most deserving by the Department of Criminal Justice. The recipient must demonstrate financial need.

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## English Studies

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### Dr. Robert L. Cassidy Scholarship in English Studies

**Value:** \$750  
**Application required:** Yes  
**Type:** Award

Awarded annually in June to the graduating student, in third or fourth year English Studies, with an excellent academic record and demonstrated financial need who will be continuing her/his studies at either a faculty of education or a graduate school. The faculty in the English Studies department selects the most deserving applicant. Applications may be obtained from the Financial Aid Office. Deadline: April 1.



## Nipissing University Alumni Association English Studies Award

**Value:** \$500  
**Application required:** No  
**Type:** Award

Presented to a first year full-time student who has excelled in ENGL 1105E and who is continuing in full-time studies at Nipissing University. The recipient must demonstrate financial need.

## George and Carol Valin Award in English Studies

**Value:** \$500  
**Application required:** No  
**Type:** Award

Presented to a full-time, upper year Nipissing University student enrolled in the English Studies program with high academic standing (minimum 75%). The recipient must demonstrate financial need.

## Dr. George J. Zytaruk Founding President's Award in English Studies

**Value:** \$500  
**Application required:** No  
**Type:** Award

Presented, on the basis of financial need, to a full-time third or fourth year student enrolled in the Bachelor of Arts (Honours) program with English Studies as a major. The recipient must have a minimum average of 80% in his/her major.

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## Gender Equality and Social Justice

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### Dr. Herbert A. Bruce Chapter IODE Julie Hewitt Memorial Scholarship

**Value:** \$250  
**Application required:** No  
**Type:** Scholarship

Awarded to the full-time student who obtained the highest average in the Introduction to Gender Equality and Social Justice course over the previous academic year, and who is continuing studies at Nipissing University.

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## Geography/Environmental Science

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### Ken Adams Memorial Award

**Value:** \$250  
**Application required:** No  
**Type:** Scholarship

Sponsored by the North Bay-Mattawa Conservation Authority and presented to the student in good academic standing in an environmental major who has demonstrated a commitment to the conservation of the local natural environment and who is deemed most deserving by the Geography and Science faculty. The recipient's name is engraved on a plaque which is kept on permanent display at Nipissing University.

### Boart Longyear Award in Environmental Geography

**Value:** \$2,500  
**Application required:** No  
**Type:** Award

Given to a returning student pursuing a Bachelor of Arts (Honours) degree in Environmental Geography. The recipient should be in good academic standing based on courses taken in the previous year as a full-time student at Nipissing and must demonstrate financial need.

### Scholarship in Introductory Geography

**Value:** \$300  
**Application required:** No  
**Type:** Scholarship

Presented to the student with the highest mark (combined) in GEOG1016 and GEOG1017.

### J. Wesley McNutt Environmental Science Bursary

**Value:** \$750 each  
**Application required:** Yes  
**Type:** Bursary

Presented to two full-time, upper year environmental science students on the basis of financial need. Apply on the Nipissing University Application for Student Awards available from the Financial Aid Office. Deadline: October 15.

### Merani Environmental Science Scholarship

**Value:** \$500  
**Application required:** No  
**Type:** Scholarship

Presented annually to the fourth year full-time Bachelor of Science in Environmental Studies/Physical Geography student with

the highest overall average on all courses taken in the first three years of the program at Nipissing University.

## Nipissing University Alumni Association Geography Award

**Value:** \$500  
**Application required:** No  
**Type:** Award

Presented to a full-time student in second, third or fourth year of a Geography major (minimum 70%) deemed to be most deserving by the Geography Department. The recipient must demonstrate financial need.

## William and Margaret Ross Environmental Geography Scholarship

**Value:** \$300  
**Application required:** No  
**Type:** Scholarship

Awarded to the full-time Environmental Geography student with the highest average (minimum 75%) on five concurrent courses entering second or third year full-time Environmental Geography studies at Nipissing.

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## History

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### Cup Gunning Award

**Value:** \$300  
**Application required:** No  
**Type:** Scholarship

Presented to the person who was a full-time student over the previous year at Nipissing University in a History major, who has shown a strong interest in Local Community History, and is deemed most deserving by the History faculty. Should a suitable candidate not be found, consideration is given to students showing a strong interest in Military History.

### A.V. (Vern) McKinnon Memorial Award

**Value:** \$500  
**Application required:** No  
**Type:** Scholarship

Presented to the third year full-time student in a History major who has demonstrated an exceptional interest in the study of History, and who is deemed most deserving by the History faculty.

## Nipissing University Alumni Association History Award

**Value:** \$500  
**Application required:** No  
**Type:** Award

Presented to a third year full-time student in a History major who has excelled on all History courses completed as a full-time student in first and second year at Nipissing University. The recipient must demonstrate financial need.

## The Smith Award

**Value:** maximum \$2,500  
**Application required:** No  
**Type:** Award

Established to honour the lives of Janet Morton and her parents, Bill and Helen Smith, this award recognizes their dedication to the North Bay community and strives to encourage dynamic and creative people to become potentially outstanding teachers of history. It is presented to a student in his/her final year of full-time study, majoring in history at Nipissing University, who plans to pursue a Bachelor of Education degree in the following year, either at Nipissing University or at another university. The recipient will demonstrate an enthusiasm for history through his/her studies at Nipissing University, both inside and outside the classroom. The recipient must also demonstrate financial need.

## Dr. Robert J. Surtees Honours History Scholarship

**Value:** \$500  
**Application required:** No  
**Type:** Scholarship

Established in honour of Dr. Surtees' dedication, spirit and commitment to Nipissing University, this award is presented annually to a full-time, fourth year Honours History student who makes a personal contribution in the field of athletics or extracurricular activities at the university or in the community at large. The recipient is selected by the History department.

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## Mathematics

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### Owen Ilkyaz Tuncali Award

**Value:** \$800  
**Application required:** No  
**Type:** Award

Presented annually at convocation to a deserving graduating student in the Faculty of Arts and Science with a major in Mathematics who has obtained a high average in his/her major.

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## Nursing

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### Nipissing University Alumni Association Nursing Award

**Value:** \$500  
**Application required:** No  
**Type:** Award

Presented to a full-time student in at least the second year of the BSc (Nursing) program on the basis of academic merit (minimum 70%) deemed most deserving by the Department of Nursing. The recipient must demonstrate financial need.

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## Psychology

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### Wendy Jackson Memorial Award

**Value:** \$400  
**Application required:** No  
**Type:** Scholarship

Presented to the full-time student who has chosen a career path in Psychology, has demonstrated outstanding research productivity, and is deemed most deserving by the Psychology Department.

### Nipissing University Alumni Association Psychology Award

**Value:** \$500  
**Application required:** No  
**Type:** Award

Presented to a full-time student in second, third, or fourth year of a Psychology major (minimum 70%) deemed to be most deserving by the Psychology Department. Students are nominated by their department. The recipient must demonstrate financial need.

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## Social Welfare

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### Canadian Federation of University Women Social Welfare Scholarship

**Value:** \$200  
**Application required:** No  
**Type:** Scholarship

Awarded to a mature full-time female student who obtains the highest average in the first two years of the Social Welfare Program, and who is continuing full-time studies at Nipissing University in the same program.

### Manulife Financial Bursary

**Value:** \$500  
**Application required:** Yes  
**Type:** Bursary

Presented annually to an upper year, full-time student, with social welfare as a major, to ensure that a Nipissing University education remains financially accessible. The recipient must demonstrate financial need. Apply on the Nipissing University Application for Student Awards available from the Financial Aid Office. Deadline: October 15.

### Nipissing University Alumni Association-Reverend Theodore Sobisch Social Welfare Award

**Value:** \$500  
**Application required:** No  
**Type:** Award

Presented to the third year student with Social Welfare as a major, who has excelled in either SWLF 1005E or SWLF 2105E as a full-time student at Nipissing University. The recipient must demonstrate financial need.

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## Sociology

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### Nipissing University Alumni Association Sociology Award

**Value:** \$500  
**Application required:** No  
**Type:** Award

Presented to a full-time student in second, third, or fourth year of a Sociology major (minimum 70%) deemed to be most deserving by the Sociology Department. Students are nominated by their department. The recipient must demonstrate financial need.

### Provincial Chapter of Ontario IODE Award

**Value:** \$500  
**Application required:** Yes  
**Type:** Award

Presented to a student entering his/her third year of the Bachelor of Arts degree program with a major in Sociology. The recipient must demonstrate financial need. Complete a Nipissing University Application for Student Awards available from the Financial Aid Office. A letter of academic reference from a member in Sociology is required. Selection is made in consultation with the Department. Deadline: October 15.

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## Faculty of Education Entrance Scholarships, Bursaries and Awards

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Unless otherwise indicated, students will be considered automatically for the following scholarships, bursaries and awards.

Although in many circumstances it is indicated that an application is not necessary, if financial need is a criterion of the award then eligibility is determined on the basis of whether a student has applied for OSAP, bursary assistance or Ontario Work Study/Nipwork.

### Carl Sanders Scholarships

**Value:** \$500  
**Application required:** No  
**Type:** Scholarship

Students applying to the Faculty of Education will be considered for a scholarship based on their admission average.

### Canadian Federation of University Women Bachelor of Education Admission Scholarship

**Value:** \$200  
**Application required:** No  
**Type:** Scholarship

Awarded to the female Nipissing University graduate with the highest admission average in the previous academic year who is enrolled in the full-time Bachelor of Education program at Nipissing.

### Dino and Jean Dottori Math and Science Award

**Value:** \$300  
**Application required:** No  
**Type:** Scholarship

Presented to the student with the highest admittance average who was a graduate of Nipissing University in the preceding year and who is enrolled in the Junior/Intermediate or Intermediate/Senior Division of the full-time Bachelor of Education program with Math or Science as a teachable.

### Alan J. Johnson Memorial Scholarship

**Value:** \$150  
**Application required:** Yes  
**Type:** Scholarship

Awarded to the applicant of Native Canadian Ancestry enrolled in the full-time Bachelor of Education Program with the highest prerequisite qualifications. Applications are available in the Financial Aid Office. Deadline: October 15.

### John R. McCarthy Scholarship

**Value:** \$800  
**Application required:** Yes  
**Type:** Scholarship

Established in 1994 by John R. McCarthy, former Deputy Minister of University Affairs and Deputy Minister of Education for the Province of Ontario. The scholarship is awarded to a student who graduated with at least second-class standing from either a three-year or four-year program in the Faculty of Arts and Science at Nipissing University in the preceding academic year, and who is currently enrolled in the Faculty of Education at Nipissing in the Fall Session immediately following graduation. The student selected will have displayed leadership in student government and student affairs, made a personal contribution to the life of the University, shown a fondness and aptitude for sports, and displayed leadership and a sense of fair play in athletic endeavours. Complete a Nipissing University Application for Student Awards available from the Financial Aid Office. Deadline: October 15.

### Nipissing University Faculty Association (NUFA) Academic Achievement Awards in Education

**Value:** 2 awards at \$2,000  
**Application required:** Yes  
**Type:** Award

Presented annually to two full-time students enrolled in the Faculty of Education program with a minimum admittance average of 85%. A special committee comprising members of NUFA and the Student Affairs committee will select the recipients of the Academic Achievement Award. Applications, including a written explanation of the student's past accomplishments and future career goals, must be accompanied by a resume and a letter of reference from a faculty member. Applications are available in the Financial Aid Office. Deadline: October 15.

### NUSU Bachelor of Education Awards

**Value:** \$250 each  
**Application required:** No  
**Type:** Award

Presented to two students. One is awarded to an incoming education student who has demonstrated a commitment to the Nipissing University community during his/her undergraduate studies and the other is awarded to an incoming education student who has demonstrated a commitment to his/her alma mater.

### Robert Manion Surtees Scholarship

**Value:** \$500  
**Application required:** No  
**Type:** Scholarship

Awarded to a student who has earned his/her BA from Nipissing University (minimum 70% average), with History as a major, and who is enrolled in the full-time Bachelor of Education program at Nipissing. The final decision is made by the Student Affairs Committee.

## Dr. Elizabeth Thorn Awards in Education

**Value:** \$2,500

**Application required:** No

**Type:** Award

Awarded to selected students in the Primary-Junior Division of the full-time Bachelor of Education program with a minimum admittance average of 80%. Recipients must demonstrate financial need.

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## Faculty of Education In-Course Scholarships, Bursaries and Awards

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Unless otherwise indicated, students will be considered automatically for the following scholarships, bursaries and awards.

### Dr. Herbert A. Bruce Chapter IODE Education Scholarship

**Value:** \$250

**Application required:** No

**Type:** Scholarship

Presented to the full-time Bachelor of Education student graduating with the highest overall average in the Junior/Intermediate Division.

### Class of 1946- Miss Grace Morgan Bursary

**Value:** \$250

**Application required:** Yes

**Type:** Bursary

Established by the North Bay Normal School Class of 1946 in memory of their teacher, Miss Grace Morgan. This bursary is presented to a full-time student in the Bachelor of Education Primary/Junior Division who demonstrates financial need. Apply on the Nipissing University Application for Student Awards available from the Financial Aid Office. Deadline: October 15.

### Davies Family Memorial Bursary

**Value:** \$250

**Application required:** Yes

**Type:** Bursary

Established in memory of Bud and Neil Davies. This bursary is presented to a full-time student enrolled in the Bachelor of Education program at Nipissing University who demonstrates financial need. Apply on the Nipissing University Application for Student Awards available from the Financial Aid Office. Deadline: October 15.

## Elementary Teacher's Federation of Ontario Scholarship

**Value:** \$250

**Application required:** No

**Type:** Award

Presented to a graduating full-time student from the Faculty of Education Primary/Junior or Junior/Intermediate Division who posts a high academic grade in Methods and who was highly successful in all practice teaching placements. This scholarship is intended to be presented to a student who will pursue a career in teaching and ideally register as a member of the Elementary Teacher's Federation. Students are nominated by the Faculty. The recipient must demonstrate financial need.

## Ann Patricia Graham Memorial Award

**Value:** \$1,000

**Application required:** No

**Type:** Scholarship

Presented annually to a female student in the full-time Bachelor of Education program who, while a student at Nipissing University, demonstrated superior leadership abilities. The recipient is selected by the Faculty of Education.

## Dr. Manfred Hanke Memorial Award

**Value:** \$500

**Application required:** No

**Type:** Award

Presented to the full-time Bachelor of Education student enrolled in the Intermediate/Senior Division taking the Computer Science elective (EDUC4417E) who is deemed most deserving by the Intermediate/Senior Division faculty and who demonstrates financial need.

## Stacey Koebel Memorial Award

**Value:** to be determined

**Application required:** No

**Type:** Award

Presented annually, in memory of Stacey Koebel (B.Ed. '00), to a graduating student in the Primary/Junior division of the Faculty of Education who expresses a desire to teach in Canada's far north (Northwest Territories, Yukon, Nunavut). The recipient must demonstrate financial need. Students are nominated by the Faculty.

## Greg Kotsilidis Memorial Award

**Value:** \$550

**Application required:** No

**Type:** Award

Presented to a deserving graduating full-time Bachelor of Education student who achieved a high average in the visual arts course (Intermediate or Senior) and who demonstrated a commitment to encouraging the value of art in education. Students are nominated by the Faculty.

## Diane Lalande Memorial Bursary

**Value:** \$250  
**Application required:** Yes  
**Type:** Bursary

Presented to a full-time student enrolled in the Bachelor of Education program at Nipissing University. Preference is given to a francophone student. Apply on the Nipissing University Application for Student Awards available from the Financial Aid Office. Deadline: October 15.

## The Norm Mauro Memorial Award

**Value:** \$250  
**Application required:** No  
**Type:** Award

Established in memory of a prominent vocalist and band leader who spent 35 years delighting audiences with the big band sounds of his nine piece orchestra, this award is intended to encourage a teacher to inspire others with his love of music. Presented annually to a Bachelor of Education student enrolled in an elective music course(s) who expresses a strong & sincere desire to teach music. The recipient must demonstrate financial need. Students are nominated by the Faculty.

## Sondra Nesterenko Memorial Award

**Value:** \$500  
**Application required:** No  
**Type:** Award

Presented annually to a full-time student graduating from the Junior/Intermediate division of the Faculty of Education. The recipient must possess superior leadership skills and talents within an educational setting. Students are nominated by the Faculty and must demonstrate financial need.

## Nipissing University Faculty of Education Aboriginal Award

**Value:** \$500  
**Application required:** Yes  
**Type:** Award

Presented annually to a full-time Aboriginal student enrolled in the Faculty of Education who has a minimum admission average of 75% and demonstrates financial need. Apply on the Nipissing University Application for Student Awards available from the Financial Aid Office. Deadline: October 15.

## Ontario English Catholic Teachers' Association Religious Education Scholarship

**Value:** \$200  
**Application required:** No  
**Type:** Scholarship

Presented to the full-time Bachelor of Education student graduating with the highest average in the Religious Education course at Nipissing University.

## Ontario Secondary School Teachers' Federation Award

**Value:** \$350  
**Application required:** No  
**Type:** Scholarship

Presented to the full-time student in the Bachelor of Education Intermediate/Senior Division who, in the opinion of the Intermediate/Senior Division faculty, has shown outstanding qualities of scholarship, teaching ability, and character.

## Stan Pasko Mathematics Award

**Value:** \$300  
**Application required:** No  
**Type:** Award

Presented to a student in the Primary/Junior Division of the Faculty of Education who excelled in EDUC 4134E and who was graded highly successful in his/her practice teaching placements. Students are nominated by the Faculty. The recipient must demonstrate financial need.

## Dr. Robert Richardson Award

**Value:** \$1,000  
**Application required:** Yes  
**Type:** Award

Presented to a full-time Nipissing University student enrolled in the Bachelor of Education program, who has an undergraduate degree in science, mathematics or engineering. Preference is given to students from northern Ontario and to students who were and continue to be involved in university athletics. The recipient must demonstrate financial need. Complete a Nipissing University Application for Student Awards available from the Financial Aid Office. Deadline: October 15.

## Teachers' Lions Club Award

**Value:** \$500  
**Application required:** No  
**Type:** Award

Established by a group of retired educators in Sudbury and surrounding area, this award is presented to a student enrolled in the Bachelor of Education program who has displayed a positive attitude to teaching; a willingness to assist fellow classmates; and exemplary volunteer, leadership and citizenship qualities. The recipient is nominated by the Faculty of Education and must demonstrate financial need.

## J.W. Trusler Proficiency Awards in Education

**Value:** \$300  
**Application required:** No  
**Type:** Scholarship

Presented to six graduating students as selected by the faculty of each division, based primarily on academic achievement and for excellence in practice teaching. The number of awards for

the Primary/Junior, Junior/Intermediate, and Intermediate/Senior Divisions is proportionate to the number of sections in each division.

## **Joan Weller Memorial Education Scholarship**

**Value:** \$100

**Application required:** No

**Type:** Scholarship

Presented to the full-time Bachelor of Education student graduating with the highest overall average in the Primary/Junior Division.

## **William and Helen Wright Native Teaching Award**

**Value:** \$400

**Application required:** No

**Type:** Award

Presented to a deserving student enrolled in the Faculty of Education, or an undergraduate student enrolled in the Faculty of Arts and Science who intends to enroll in Nipissing's Faculty of Education, who expresses a sincere desire to teach in Native Communities or other remote areas of Canada. Students are nominated by the Faculty.

## **Governor General's Academic Gold Medal**

**Application required:** No

**Type:** Medal

This medal is awarded for academic excellence to the student graduating from the Faculty of Education with a Masters of Education Degree with the highest academic standing.

## **President's Gold Medal - Bachelor of Education**

**Application required:** No

**Type:** Medal

The student graduating from the Faculty of Education with a Bachelor of Education degree, who attains the highest academic average in that degree program, will receive a President's Gold Medal and a cash award of \$500.

## **President's Gold Medal - Master of Education**

**Application required:** No

**Type:** Medal

The full- or part-time student graduating from the Faculty of Education with an MEd degree, who attains the highest academic average in that degree program, will receive a President's Gold Medal and a cash award of \$500.

### **Disclaimer:**

Nipissing University assumes liability for the payment of scholarships, bursaries and other awards only to the extent that expected gifts from donors or returns from particular investments of endowed funds are realized. The University reserves the right to make whatever changes circumstances may require, including the amendment of monetary value, selection criteria and the cancellation of particular awards. Information on the current status of any of these, or any additional awards submitted after the time of publication, may be obtained by contacting the Financial Aid Office or by visiting the Nipissing University web site at [www.nipissingu.ca](http://www.nipissingu.ca). Students who feel that their individual circumstances are not being fairly considered when determining eligibility for the aforementioned scholarships, bursaries and awards have the right to submit a written appeal explaining their circumstances to the Student Affairs Committee.

# Faculty of Arts & Science





# Admission Procedures and Regulations

All students must be admitted to the University prior to registering.

First year, full-time enrolment is limited. Admission criteria are determined by the Senate Admissions, Petitions, and Promotions Committee. Please note that meeting minimum admission requirements does not guarantee an offer of admission. Applicants for admission who have questions regarding program choices, admission procedures, or current admission status should contact the Office of the Registrar.

The following information is applicable to study at the North Bay, ON campus of Nipissing University or at the Nipissing University Muskoka campus in Bracebridge, ON. Full-time applicants should note the degree program code information provided by the Ontario Universities' Application Centre (OUAC) to ensure that their application is to the desired degree program at the desired campus location.

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## Accessibility Admissions Policy

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Nipissing University encourages applications from those of Aboriginal ancestry, visible minority and/or persons with disabilities. Applicants who meet the minimum stated requirements for admission to the University but not the admission average for the program applied to, may apply for consideration under the accessibility policy. Such candidates should self-identify themselves in writing to the Office of the Registrar. Eligible persons must be Canadian Citizens or Permanent Residents and applying to first year studies from high school or post-secondary education.

Applications will be reviewed on an individual basis. Admission offers may restrict the number of courses for which an applicant may register and may require a certain average be maintained. Once the admission requirements have been satisfied, the student may register as a full-time student.

Applicants seeking consideration under the categories are required to supply official documentation as outlined below:

Aboriginal ancestry - proof of aboriginal descent (i.e. copy of Native Status Card);

Visible minority - a letter outlining the personal situation and verification from prior school official;

Persons with Disabilities - a letter outlining personal situation, verification from prior school official and medical/psychological documentation.

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## How to Apply

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### Applicants currently attending an Ontario Secondary School as a full-time student

#### Fall/Winter Session - Full-time University Study

Information about applying on-line are available through high school guidance offices. Final and interim grades are sent to Nipissing University through the Ontario Universities' Application Centre (OUAC) by the school. Applicants completing secondary school courses through distance education while enrolled in an Ontario secondary school are responsible for ensuring that Nipissing University receives official course registration and grades (both interim and final) for these courses.

Canadian Citizens, and Permanent Residents not currently attending an Ontario Secondary School Fall/Winter Session - Full-time University Study

OUAC 105 applications are available on-line from the Ontario Universities' Application Centre (OUAC) at [www.ouac.on.ca](http://www.ouac.on.ca). Choose undergraduate applications.

### International Applicants

#### Fall/Winter Session - Full-time University Study

For applicants planning to apply to more than one Ontario University OUAC 105F applications are available on-line from the Ontario Universities' Application Centre (OUAC) at [www.ouac.on.ca](http://www.ouac.on.ca).

International applicants applying only to Nipissing University should contact the Office of the Registrar to request the Nipissing International application form. This application form, the appropriate application fee and any required documents (official copies only will be accepted) must be received prior to the application being processed.

### Part-time Study Applicants, Non-Degree Student Applications

#### Fall, Winter, Spring, or Summer Sessions

Applicants seeking admission to a degree program on a part-time basis or as a non-degree student should contact the Office of the Registrar to obtain the required application form. Please note that International Students are not eligible to apply for part-time university study. Also, some Nipissing degree programs are not available for part-time study.

### Re-admission of Prior Nipissing Students to Full-time or Part-time study

Nipissing students who have not registered in Nipissing courses for more than a twelve month period must apply for re-admission through the Office of the Registrar. Documentation of any educational studies pursued since their last registration will be required. Re-admitted students are required to meet current degree requirements. A meeting with an Academic Advisor is advisable to ensure degree program requirements are met.

## Applicant Responsibility

It is the responsibility of each applicant to submit directly to the Office of the Registrar:

1. official transcripts from all institutions previously or presently attended, such as secondary schools, colleges and universities;
2. proof of name change, if academic documents show a name other than that under which application is made (i.e. marriage certificate, notarized statements of legal name change or other legal documents); and,
3. evidence of English language proficiency, if English is not the applicant's first language.

Ontario secondary school applicants should ensure that they understand how information is processed through their school to the Ontario Universities' Application Centre and the responsibility the applicant has in providing required information or documents directly to the OUAC and the University.

Applicants, who withhold, misrepresent or fail to provide information related to previous academic records may have their admission offer revoked or be required to withdraw from the University.

## Proof of Proficiency in English

All Student Visa applicants to the Faculty of Arts and Science from countries where the dominant language of instruction is other than English, are required to supply proof of proficiency in English. International applicants studying in Canada on a student visa authorization who have successfully studied full-time at an Ontario secondary school or other Nipissing University approved school for at least three years may be exempt.

Permanent Resident applicants whose first language is not English may also be required to provide proof of proficiency in English. Permanent Resident applicants whose first language is not English but who have lived at least three years in Canada or a country where English is the dominant language may be exempt.

Acceptable proof of English proficiency is the Test of English as a Foreign Language (TOEFL) with a minimum score of 550 (paper-based) or 213 (computer test), including the Test of Written English (TWE) with a minimum score of 5.0. Other proof of English Proficiency includes the International English Language Test Service (IELTS) with a minimum overall band score of 6.0 (with no band below 6), the Michigan English Language Assessment Battery (MELAB) with a minimum overall score of 90%, or the Carleton Assessment of English Language (CAEL) with a minimum score of 60.

Applicants should note the Nipissing University TOEFL institution code is #3614.

## Admission Requirements

### Applicants from Canadian Secondary Schools and CEGEPs in Quebec

Applicants from Canadian Secondary Schools and CEGEPs in Quebec

Individual degree programs have specific course requirements. Please refer to the Admissions Chart for specific course requirements for Nipissing degree programs.

The appropriate secondary school diploma and an overall average of 70% (calculated using the best grades including required courses) is the minimum admission average required for full-time admission consideration. The admissions cut-off averages are determined each year. Minimum admission averages for some degree programs are higher than 70%.

### Minimum Admission Requirements

Alberta	Five Gr12 courses numbered 30 or 31
British Columbia	Four Gr12 examinable courses (courses with % grades not letter grades)
Manitoba	Five academic Gr12 courses at the 40 level or the former 300 level
New Brunswick	Five academic Gr12 courses numbered 121 or 122 (courses numbered 120 may be considered)
Newfoundland	Six two-credit academic courses at level 3
Nova Scotia	Five Gr12 courses at the 541 level (441 level courses may be considered)
Nunavut/Northwest Territories	Five Gr12 courses numbered 30 or 31
Ontario	Combination of six 4U, 4M and/or OACs
Prince Edward Island	Five Gr12 courses numbered 611 or 621
Quebec*	One year of CEGEP completed with a minimum 12 academic subjects
Saskatchewan	Five Gr12 courses numbered 30 or 30A
Yukon	Four Gr12 examinable courses (courses with % grades not letter grades)

\* Applicants from Quebec who have completed the two-year CEGEP program will be considered for admission with advanced standing. Applicants who have completed the three-year professional program in a CEGEP with a cumulative average of "B" or better will be considered for admission with advanced standing to a maximum of 30 credits.

## Ontario Secondary School Requirements

The minimum requirement for admission consideration to Nipissing University is the completion of the Ontario Secondary School Diploma (OSSD), with a combination of a minimum of six 4U and/or 4M courses and/or the former Ontario Academic Credits (OAC). In addition, specific 4U or OAC courses are required depending upon the degree program applied to. Please refer to the Admissions Chart for specific course requirements for Nipissing degree programs.

An overall average of 70% on a combination of six OACs, 4U and/or 4M courses, including required OAC or 4U courses is the minimum required for full-time admission consideration. The admissions cut-off averages are determined each year. Minimum cut-off averages for all degree programs can be and are higher than 70%.

Applicants to a Nipissing degree with Orientation to Teaching need an admissions average of 75% (best six OACs, 4U and/or 4M course combination) for consideration.

Supplemental application materials are required for admissions consideration to a Degree with OTT, and Criminal Justice and Nursing programs. Supplemental packages will be sent automatically to applicants upon receipt of the application.

Applicants whose averages are below the determined required minimum admission average for full-time study may be considered for admission to begin their university studies as a part-time student.

The length of time taken by an applicant to complete the OSSD will not be a determining factor in making admission decisions. During the transition to the new Ontario secondary school curriculum, Nipissing University will consider applicants from either curriculum equally. It is anticipated that many students will present a mixture of old and new curriculum courses during the transition. Applicants presenting a combination of 4U, 4M and OAC courses will be considered equally during the admission process provided that they meet all course pre-requisites.

## International Applicants

Applications (through either the OUAC or the Nipissing International application), the appropriate application fee and the required official documents (transcripts and other documentation) must be received by the Office of the Registrar by April 1 for September admissions consideration. International applicants are not eligible for consideration under Nipissing University's Mature Student Admission Policy.

Applicants will be expected to show proof of English language proficiency and must have completed courses in specific academic disciplines depending upon the degree program to which they have applied. International applicants do not typically qualify for transfer credit for previously-completed post-secondary courses at non-Canadian universities.

Once an admission offer has been made, it is the applicant's responsibility to obtain the necessary documents required to study in Canada. A Study Permit is required to study at a Canadian university for periods of 6 months or longer. Note that citizens from some countries are also required to obtain a Temporary Resident Visa to enter Canada. For further information and application forms, international applicants

should contact the nearest Canadian Embassy or Consular office or refer to the Citizenship Immigration Canada web-site <http://www.cic.gc.ca/english/applications/student.html>

International students studying at universities in Ontario are required to purchase mandatory medical health insurance. The insurance is known as UHIP (University Health Insurance Plan) and must be purchased upon arrival at Nipissing University, for themselves and their dependents.

Financial aid is not normally available to International applicants. Limited opportunities for on-campus employment are available for full-time degree-seeking international student, after the first year of study is completed, via the International Work-Study Program. See Nipissing International for further details.

## International Student Fees

International students studying in Canada via a student authorization visa are required to pay international student tuition fees. Exceptions to international student fees are allowed for applicants for permanent residency who submit the appropriate letter; diplomatic or consular officers of other countries stationed in Canada, members of foreign military forces admitted to Canada under the Visiting Forces Act and their dependents; and, visitors, or their dependents, who are in Canada on an employment authorization. Other categories may also be exempt subject to the approval of the Office of the Registrar.

## Minimum Admission Requirements

All applicants are considered on an individual basis. The meeting of minimum requirements does not guarantee admission. Refer to the Admissions Chart for specific course requirements for each degree program.

### Applicants from Great Britain, the Caribbean and other countries with General Certificate of Education (GCE) equivalents

Applicants must present the GCE with satisfactory standing in at least five subjects, two of which must be at the advanced level, or satisfactory standing in at least four subjects, three of which must be at the advanced level.

### Applicants from Middle Eastern countries

Applicants must present the Senior Matriculation Certificate and/or completion of first year at a recognized university depending upon the country.

### Applicants from the United States

Applicants graduating with a "B" average from Grade 12 at an accredited high school and presenting a SAT score of 1100 (minimum 550 verbal, minimum 550 Math) are normally eligible for admission consideration.

Other applicants from the USA must have completed a minimum of 30 semester credits (45 quarter credits) at an accredited post-secondary institution. Applicants who have completed more than 30 semester credits at an accredited post-secondary institution will be assessed on an individual basis for potential transfer credit or advanced standing.

**Admissions Chart - prerequisite courses required for Nipissing University degree programs for 2004**

<b>Degree Program</b>	<b>Majors</b>	<b>Required 4U, OACs or Equivalent Courses from other provinces or countries</b>
<b>Bachelor of Arts</b> (BA) General - 3 year	Child and Family Studies <sup>o</sup> , Classical Studies, Culture and the Arts <sup>o</sup> , English Studies, Environmental Geography, Fine Arts, Gender Equality and Social Justice, Geography, History, Liberal Arts, Native Studies, Philosophy, Psychology, Social Welfare, Sociology	English
	Administrative Studies, Economics	English; one Mathematics
	Computer Science,	English; Calculus; one other Mathematics
	Mathematics	English; Calculus; one other Mathematics
<b>Bachelor of Arts</b> (BA) Honours - 4 year	English Studies, Environmental Geography <sup>+</sup> , Gender Equality and Social Justice <sup>**</sup> , Geography <sup>+</sup> , Geography of Regional Planning and International Development <sup>+</sup> , History, Philosophy <sup>**</sup> , Psychology, Sociology	English
	Criminal Justice <sup>*</sup>	English
	Mathematics	English; Calculus; one other Mathematics
<b>Bachelor of Business Administration</b> (BBA) Honours - 4 year	Optional Streams available: Accounting, Business Administration, Economics, Human Resources Management, Marketing, Technology Management	English; one Mathematics
<b>Bachelor of Science</b> (BSc) General - 3 year	Biology	English; Biology; Chemistry; one of Calculus or Geometry/Algebra
	Computer Science	English; Calculus; one other Mathematics; one of Chemistry or Physics
	Liberal Science - Sequence in two of Biology, Computer Science, Environmental Science, Geology, or Mathematics	English; two of Chemistry, Mathematics or Physics
	Mathematics	English; Calculus; Geometry/Algebra; one of Chemistry or Physics
	Psychology	English; Calculus; one of Chemistry or Physics

Degree Program	Majors	Required 4U, OACs or Equivalent Courses from other provinces or countries
<b>Bachelor of Science</b> (BSc) Honours - 4 year	Biology	English; Biology; Chemistry; one of Calculus or Geometry/Algebra
	Computer Science	English; Calculus; one other Mathematics; and one of Chemistry or Physics
	Environmental Biology and Technology	English; Biology; Chemistry; one of Mathematics or Physics
	Environmental Science and Physical Geography <sup>+</sup>	English; Chemistry; one of Calculus or Geometry/Algebra; one of Biology or Physics
	Mathematics	English; Calculus; Geometry/Algebra; one of Chemistry or Physics
	Psychology	English; Calculus; one of Chemistry or Physics
<b>Bachelor of Science in Nursing</b> (BScN) Honours - 4 year	Nursing *	English; Biology; Chemistry (One Mathematics is recommended)
<b>A Nipissing Degree with Orientation to Teaching</b>  (OTT)	Elementary*	One Mathematics and requirements for degree program and major to which the person has applied.
	Secondary*	Requirements for degree program and major to which the person has applied.

<sup>+</sup> A Certificate in Geomatics is also available to students enrolled in these programs.

<sup>o</sup> Offered as majors only at the Muskoka campus.

\* Supplemental application required.

\*\* Available only as a combined major.

### Other International Applicants

Applicants possessing the requirements necessary for admission to a recognized university in their home country may be eligible for admissions consideration.

Applicants seeking admission on the basis of qualifications or certificates not mentioned above must submit official documents to the Office of the Registrar for evaluation. Certificates not written in English must be accompanied by notarized English translations from recognized sources.

### International Baccalaureate

Applicants who have successfully completed the International Baccalaureate (IB) with at least six subjects, including three at the higher level, with a minimum final grade total of 24 will be considered for admission.

Advanced standing to a maximum of 18 credits may be granted for courses completed at the higher level. Applicants need to present courses in specific subject areas as outlined on the Admissions Chart.

## Applicants Possessing Post-Secondary Education

### Admission with Advanced Standing or Transfer Credit

Applicants eligible for advanced standing or transfer credit must submit recently-dated transcripts of their academic record directly to the Office of the Registrar. An academic calendar from their former institution(s) containing descriptions of the completed courses may be required. Those applicants who are eligible for advanced standing or transfer credits will be charged a fee in order to have credits determined. This fee will be requested once an Admission Offer is made.

The application of advanced standing or transfer credits to a degree program will vary depending on the degree program and major to which the applicant is admitted. Changing degree programs or majors may mean a loss of or change to the credits awarded. Nipissing University residency requirements will apply.

### **Applicants Transferring from Other Universities**

Applicants who are attending or have attended another university may be considered for admission to Nipissing University with transfer credit for courses already completed.

Nipissing University, in accordance with the Council of Ontario Universities' policy, agrees that any academic course offered for credit by an Ontario university shall be accepted for credit by another Ontario university when there is virtual equivalency in course content. If a specific equivalence to a course is not available at Nipissing, the University will attempt to award an unspecified, non-equivalent course. Transfer credit will not normally be granted for practical or clinical courses taken in specific areas such as Engineering, Nursing, Physical and Health Education, Dance, etc. This policy also applies to those applicants who have attended other recognized Canadian universities.

Transfer credit will normally be awarded for a degree credit course provided a grade of "C" or higher was achieved. A course with a grade of "D" may be considered for credit only when there are an equal number of course credits with "B" grades or higher.

Applicants seeking advanced standing when admitted to the Bachelor of Science in Nursing program may only receive credit for required courses that have been successfully completed within the last ten (10) years.

### **Admission of Students Who Were Required to Withdraw from a University**

Applicants who have been required to withdraw from a university may petition the Senate Committee on Admissions, Petitions and Promotions for admission to Nipissing University after "sitting out" for at least one full year.

### **Applicants from Ontario Colleges of Applied Arts and Technology (CAAT)**

#### **a) Three-Year Diploma Graduates**

Applicants who have achieved a cumulative average of "B" or better in a three-year program will be considered for admission to Nipissing with advanced standing to a maximum of 30 credits.

#### **b) Two-Year Diploma Graduates or Two Years of a Three-Year Program**

Applicants who have completed a two-year program or two years of a three-year program and who have achieved a cumulative average of "B" or better will be considered for admission with advanced standing to a maximum of 18 credits.

#### **c) One Year of College**

Applicants who have completed the first full year (two semesters) of a CAAT diploma program with a cumulative average of "B" or better will be considered for admission on probation. If admitted, the student must pass 24 of the first 30 credits attempted and maintain a 60% average on passed courses in order to clear the probationary status.

#### **d) Special College of Applied Arts and Technology (CAAT) Advanced Standing Policies**

##### **Early Childhood Education**

##### **Social Service Worker**

##### **Developmental Services Worker**

Applicants who have successfully completed Early Childhood Education, Social Service Worker or Developmental Services Worker diploma programs at an Ontario CAAT with a cumulative average of "B" or better will be considered for admission to Bachelor of Arts programs with advanced standing to a maximum of 30 credits.

##### **Correctional Worker**

##### **Police Foundations**

Applicants who have successfully completed the Correctional Worker or Police Foundations diploma programs at an Ontario CAAT with a cumulative average of "B+" (3.5 GPA) or better will be considered for admission to the Bachelor of Arts in Criminal Justice program with advanced standing to a maximum of 42 credits.

##### **Business Administration**

Applicants who have successfully completed a three-year Business Administration diploma program at an Ontario CAAT with a cumulative average of "B+" (3.5 GPA) or better will be considered for admission to the Honours Bachelor of Business Administration degree program with advanced standing to a maximum of 60 credits.

#### **e) Special Canadore College of Applied Arts and Technology Advanced Standing Policies**

##### **Environmental Protection Technician**

Applicants who are graduates of the Environmental Protection Technician diploma program at Canadore College with a cumulative 3.25 GPA or better will be considered for admission to Biology, Liberal Science or Environmental Biology and Technology programs with advanced standing to a maximum of 48 credits.

##### **Environmental Protection Technology**

Applicants who are graduates of the Environmental Protection Technology diploma program at Canadore College with a cumulative 3.25 GPA or better will be considered for admission to Biology or Liberal Science programs with advanced standing to a maximum of 48 credits.

Applicants who are graduates of the Environmental Protection Technology diploma program at Canadore College with a cumulative 3.25 GPA or better will be considered for admission to the Environmental Biology and Technology degree program with advanced standing to a maximum of 69 credits.

## **Bible College Applicants**

Applicants from Bible Colleges accredited with the Accrediting Association of Bible Colleges will follow the same policy for admission and advanced standing as for the CAATs.

No credit will be granted for courses in church education or administration, pastoral studies, or courses intended to promote a particular doctrinal or denominational belief.

## Mature Student Applicants

Applicants who, according to the Office of the Registrar, do not qualify for admission consideration under any of the above categories, may be eligible for admission to Nipissing University as a Mature Student. Mature Student applicants will be considered for admission with a reduced course load (maximum 18 credits) to most BA degree programs provided **all** of the following conditions are met:

1. applicants are 21 years of age or older at the start of the academic session;
2. have been away from formal education (secondary school, college, etc.) for at least the previous two years; and
3. lack the specified entrance requirements for degree programs.

Mature Student applicants are still required to provide transcripts of marks for studies that have been previously completed or undertaken. Only Canadian Citizens and Permanent Residents are eligible for admission as Mature Students.

Mature Student applicants who qualify for admission to the University will be admitted on probation to a maximum of 18 credits. Upon clearing Probation Status (passing 24 of the first 30 credits attempted and achieving an overall 60% average), Mature Students may transfer to full-time status.

Mature Students wanting to transfer to programs or majors with specified pre-requisite courses (i.e. Business Administration, Nursing) must also acquire the stated prerequisite courses in order to be considered for degree program changes.

## Other Applicants

### Admission to Honours Upgrading for Nipissing University Graduates

Nipissing University graduates with General degrees may be re-admitted to Nipissing in order to complete their Honours degrees in the same subject area of their previous degrees. To be re-admitted into the Honours program, applicants must have achieved a minimum 60% average in the first-year required concentration course, and a minimum 68% overall average. Students will be required to meet the current requirements of the Honours program including the Writing Competency Test. Further information is available from the Faculty of Arts and Science Office.

### Admission to a Second Degree Program

Applicants possessing a recognized undergraduate degree may apply to a second undergraduate degree program in another area of study. Students may be admitted to a second degree program if they hold a recognized university degree with a minimum overall average of “C” or better, and have not failed more than 30 credits in the first degree program.

### Exceptions to Normal Admission Requirements – All Undergraduate Degree Programs

The Senate Admissions, Petitions, and Promotions Committee may modify admission requirements for applicants who, in its opinion, deserve special consideration. In all cases, the Committee reserves the right to impose special conditions on such candidates, in the interest of students and for the protection of the University’s academic standards. Candidates requesting

modification of admission requirements must present their cases before the Committee, in writing, and produce documentary evidence of their eligibility for special consideration. The Committee’s decision is final.

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## Admission to Non-Degree Studies

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### Auditors

To audit a university course, applicants must be admissible to a degree program. Auditors must have completed prerequisite courses or equivalent. Courses that are more practical in nature such as computer science, nursing, languages, music and fine arts are not open to auditors. Application forms are available from the Office of the Registrar.

### Letter of Permission Applicants

Students enrolled at other universities may apply and be admitted to Nipissing for purposes of transfer of credit to their home universities. Documentation required for admission is a Letter of Permission issued from the home university specifying the course(s) to be taken. Letter of Permission Applicants must apply directly to Nipissing for each term they wish to register for.

It is the responsibility of the visiting student to order an official Nipissing transcript to be sent to the home university after the course is completed.

### Special Student Admission

The holders of recognized university degrees may be admitted as Special Students (i.e. non-degree) with the intention of taking courses for interest, upgrading, or for the purpose of meeting the requirements for a professional designation etc. Contact the Office of the Registrar for information.

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## For Those Considering a Teaching Career

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Nipissing’s Bachelor of Education (BEd) program is a consecutive, one-year professional degree program available to university graduates seeking their Certificate of Qualification from the Ontario College of Teachers. Nipissing University has a long history in teacher training. The North Bay Normal School established in 1909 has evolved into Nipissing’s Faculty of Education. The Faculty has a reputation for providing a rigorous teacher education program which is demanding of the student teacher and requires a high degree of commitment. Graduates of the BEd degree program are in demand as teachers throughout Ontario, the rest of Canada and internationally.

Students who plan to apply to Nipissing’s Faculty of Education to obtain a Certificate of Qualification and a Bachelor of Education degree should make careful selection of courses in their undergraduate degree to better prepare themselves for the program and to ensure that teaching subject requirements (if required) are met.



Teachers in the elementary schools are generally required to teach all subjects in the curriculum. It is most prudent for students who plan to teach at this level to take a wide range of undergraduate courses. Particularly important, but not required for admission to the BEd degree program - particularly the primary/junior and junior/intermediate divisions, are courses in English, Mathematics, Science, History, Geography, Art, and Music. In addition to these traditional disciplines, courses in Educational Psychology and Introductory Sociology are important foundations for a teacher education program.

Those interested in the Second Language Teaching: French option should take several courses in French as well as providing for themselves a wide variety of experiences in the language in order to prepare for teaching this specialty. Oral and Written French proficiency will be tested.

Students interested in the Intermediate Division (Grades 7-10) must complete at least eighteen undergraduate credits in one particular subject area to meet the prerequisites for the teaching subject. The teaching subject disciplines offered at Nipissing are outlined in the BEd-junior/intermediate division section of the Academic Calendar.

Students interested in teaching in the Senior Division (Grades 11-12) must be qualified to teach in two secondary school subject areas. A minimum of thirty undergraduate credits must be completed in the first teaching subject and at least eighteen undergraduate credits are required in the second teaching subject. Refer to the BEd-intermediate/senior division section of the Academic Calendar for a listing of teaching subject disciplines offered at Nipissing.

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## A Nipissing Degree with Orientation to Teaching (OTT)

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Nipissing undergraduate students interested in pursuing our Bachelor of Education have two options.

The first option is to apply to the BEd degree program upon completion of their undergraduate degree. Any student with an accredited undergraduate degree is eligible to apply for a place in the Nipissing BEd degree program. Refer to the Faculty of Education section of the Academic Calendar for admissions information. The second option is to qualify for guaranteed admission to Nipissing's BEd degree program as a Nipissing degree with OTT graduate.

**Orientation to Teaching (OTT) is not a degree program in itself. It is simply a route into Nipissing's BEd program. A Degree with Orientation to Teaching is Nipissing's alternative to Concurrent Education programs.**

The OTT process includes a set of courses and a non-credit practical experience, that when taken as part of an undergraduate degree, provide preparation for the Bachelor of Education program. OTT allows Nipissing University students the opportunity to assess their suitability for the Faculty of Education before their undergraduate degrees are complete.

In OTT, specific undergraduate courses are identified which are considered useful in preparing students for careers in teaching. These courses will be included in a student's undergraduate degree program.

One of these courses is EDUC 0106 Introduction to Teaching. Introduction to Teaching is a non-credit course consisting of a thirty hour practicum in a school setting and six seminars on issues relevant to an understanding of the school system and the teachers' role, plus assigned readings and critiques.

Students should meet with an Academic Advisor in the Faculty of Arts and Science Office prior to registering for courses each year to ensure that degree requirements including the specific set of OTT courses are being met. In addition, students who will need to satisfy teaching subject requirements for admission to Nipissing's BEd degree program should make sure that the appropriate number of undergraduate credits required to meet teaching subject requirements are completed.

Students who are admitted to a Degree program with OTT, and who complete their Nipissing undergraduate degree programs including the OTT specific courses, with a minimum overall average of 75% on **all** university courses, are guaranteed admission to the Bachelor of Education degree program. This average will be calculated using all university courses passed whether or not the courses are/were required for the degree. This offer is for the academic year immediately following graduation.

Orientation to Teaching has two streams to which students may apply: Elementary and Secondary. Applicants will indicate a choice of elementary stream or secondary stream on the appropriate supplemental application form.

## A Nipissing Degree with Orientation to Teaching – Elementary Stream

Upon completing a Nipissing degree with OTT-Elementary, students may apply to either the Primary/Junior (Grades K-6) or Junior/Intermediate (Grades 4-10) Divisions of the BEd degree program. Candidates must ensure that they meet all minimum requirements for BEd admission including teaching subjects as applicable. Students must comply with the requirements for their degree program and include the following OTT set of courses:

MATH 1070 Fundamentals of Arithmetic for Teachers, or six credits in Mathematics courses having 4U, OAC, or equivalent prerequisites, and  
 SOCI 2095 Sociology of Education, and  
 EDUC 0106 Introduction to Teaching, and  
 PSYC 2020 Developmental Psychology of Educators  
**or both of**  
 PSYC 2006 Childhood Development and  
 PSYC 2007 Adult Development

## A Nipissing Degree with Orientation to Teaching – Secondary Stream

Upon completing a Nipissing degree with OTT-Secondary, students may apply to Intermediate/Senior (Grades 7-12) Division of the BEd degree program. Candidates must ensure that they meet all minimum requirements for BEd admission including two teaching subjects as outlined in BEd admission requirements. Students must comply with the requirements for their degree programs and include the following OTT set of courses:

SOCI 2095 Sociology of Education, and

EDUC 0106 Introduction to Teaching, and  
 PSYC 2020 Developmental Psychology of Educators  
**or both of**  
 PSYC 2006 Childhood Development and  
 PSYC 2007 Adult Development

## Admission to a Degree with OTT – Direct Entry from Secondary School

Ontario secondary school applicants will apply directly to a Nipissing degree program with Orientation to Teaching on the Ontario Universities' Application Centre application. Applicants need to select the appropriate Degree with OTT code on their OUAC application in order to receive the required supplemental application package required for this unique Nipissing opportunity.

Secondary school applicants from other provinces will need to request OTT supplemental application packages following the submission of their applications to the OUAC.

A minimum 75% overall average on the best six combination of 4U, 4M and/or OAC courses or applicable province equivalent (see minimum Admission Requirements in this section of the Academic Calendar) and supplemental application materials are required for OTT consideration. Applicants to the Elementary Stream must have at least one 4U/OAC Mathematics (or other province equivalent) course as a prerequisite, in addition to the prerequisite courses required for the degree program applied to. Applicants to the Secondary Stream must meet the prerequisite course requirements for the degree program applied to.

Acceptance to a Degree with OTT is determined by a selection committee. OTT supplemental application packages will be sent to applicants either upon receipt of the application via the OUAC (Ontario secondary school applicants) or upon request (secondary school applicants from other provinces). Applicants must provide a statement of personal goals, complete an experience (volunteer and paid) chart and have personal and professional reference forms submitted. Completed OTT supplemental application materials must be submitted by the specified deadline date. Applicants presenting an overall average of 85% or higher (best six combination of 4U, 4M and/or OAC courses or applicable provincial equivalent) are assured acceptance to a Nipissing degree with OTT if they meet degree program course requirements and their submitted supplemental application materials include positive references and well-written personal statements.

Applicants not meeting the minimum 75% Degree with OTT average may receive an Admission Offer to the degree program applied to but not with OTT. Secondary school applicants who do not receive admission to a Nipissing degree with OTT directly from secondary school are eligible to apply for Upper-Year Admission to a Nipissing degree with OTT at the end of their first and/or second year of study at Nipissing as outlined below.

## Admission to a Degree with OTT – Upper-Year

Admissions consideration for a Nipissing Degree with OTT (Upper-Year Admission) requires the completion of a minimum of 30 credits of undergraduate study at Nipissing University,

and no more than 72 university credits (including transfer/advanced standing credits). Application forms are available from the Office of the Registrar and must be submitted by the specified deadline (normally mid-April each year). A minimum 75% overall average on all university courses completed and a Writing Competency Test score of “1” is required in order to be considered.

Students who have already completed university degrees are not eligible for admissions consideration to a Nipissing degree with OTT.

In addition to the general admission requirements Upper-Year Applicants to the OTT-Elementary Stream must have successfully completed six credits in Mathematics as follows:

MATH 1070 Fundamentals of Arithmetic for Teachers,  
**or**  
 six credits in any other Mathematics courses having  
 4U/OAC or equivalent prerequisites.

Acceptance to Upper-Year OTT is determined by a selection panel. Additional criteria include personal and professional references, a statement of personal goals and previous experience (paid and volunteer). Applicants will indicate their choice of Elementary Stream or Secondary Stream on their Upper-Year OTT application. Upper-Year OTT applications are normally available from the Office of the Registrar in February.

The requirements for the completion of a Nipissing Degree with OTT-Elementary Stream or OTT-Secondary Stream are the same as outlined above.

## Admission to a Degree with OTT – Early Childhood Education (ECE) Diploma Graduates

ECE-OTT specifies undergraduate courses that are considered useful in preparation for a career in teaching. Candidates who are admitted to Orientation to Teaching for ECE graduates and who complete their Nipissing degree, including the set of OTT courses, with a minimum 75% overall average will be guaranteed admission to the Bachelor of Education degree program in the Primary/Junior Division. This offer is for the academic year immediately following their graduation with a bachelor's degree.

Orientation to Teaching for ECE graduates is not applicable to the Junior/Intermediate and Intermediate/Senior Divisions of the Bachelor of Education program.

Interested students should contact the Office of the Registrar to ensure that they are eligible to apply to the OTT for ECE Graduates process. Such candidates interested in pursuing OTT must first be admitted to a Nipissing University degree program.

Graduates of a two-year ECE diploma program who have a minimum cumulative average of “B” or better will be eligible for admission to the Bachelor of Arts degree or possibly other programs with advanced standing up to a maximum of 30 credits.

Admission to the Bachelor of Arts or other Nipissing degree programs does not guarantee acceptance to OTT for ECE Graduates.

## How to Apply to OTT for ECE Graduates

Candidates may apply to OTT for ECE Graduates once they meet all the conditions outlined below:

1. Have been admitted to a Nipissing University degree program based on an Early Childhood Education diploma with a cumulative average of “B” or better;
2. have completed a minimum of 30 credits of university study;
3. have completed no more than a total of 72 university credits (including advanced standing and transfer credits);
4. have a minimum overall average of 75% on all university courses completed, (completed at Nipissing or any other university, and whether or not they were required for the degree) and
5. have achieved a Writing Competency Test (WCT) score of “1”.

Application forms are available from the Office of the Registrar. Students are responsible for determining that they meet the eligibility requirements for ECE-OTT and for submitting the application form by the applicable deadline.

Students must fulfil the requirements of the degree program, and include the following in their undergraduate studies:

Six credits in English, and

SOCI 2095 Sociology of Education, and

Six credits in Science (other than Mathematics)

**and**

Six credits from the following:

MATH 1911 Finite Mathematics and

MATH 1912 Elementary Calculus

**or**

MATH 1070 Fundamentals of Arithmetic for Teachers\*

\*Students with a 4U/OAC or equivalent Mathematics credit may only choose MATH 1070.

## Registration Procedures and Regulations

It is the student’s responsibility to ensure that course registrations and course changes meet degree requirements.

It is strongly recommended that students complete 30 credits at the first year level before proceeding to second and third year level courses.

No further registrations will be accepted once the limit set for the class size has been reached. If you wish to place your name on a waiting list, please see Policy on Course Waiting Lists.

The registration periods for Spring Session, Summer Session and Fall/Winter Session, six-credit and three-credit courses are printed in the Academic Year section of the Academic Calendar.

Students registering after the designated registration periods, but before the course registration deadlines, will be assessed a late registration fee.

An academic timetable providing the scheduled time and location of course offerings will be available from the Office of the Registrar at [www.nipissingu.ca](http://www.nipissingu.ca).

## New Students

Registration information packages will be mailed to new students. New full-time students are strongly encouraged to attend the New Student Orientation (NSO) in order to register. New Student Orientation (NSO) including Academic Advising and Course Registration sessions will be held during the summer prior to the start of fall classes. All new students, and especially those with transfer or advanced standing credit, are encouraged to seek academic advice prior to registering for courses.

## Current Students

All students who were registered at Nipissing in the Fall/Winter Session will receive advance registration instructions. Registration confirmation will be mailed no later than May, to the permanent address for those students who advance register. It is the students’ responsibility to ensure they complete the registration process and submit it with payment prior to the deadline specified.

## Re-admitted Students

Previous Nipissing students who have not registered in courses for more than a 12 month period are required to apply for re-admission before they will be permitted to register. Registration information will be provided once they have been re-admitted to the University.

Previous Bachelor of Science in Nursing students who apply for re-admission to the same program may be required to repeat previously passed Nipissing courses at the discretion of the Director of Nursing. In this professional program, time limits are important to ensure that students are connected with current knowledge.

## Academic Changes and Withdrawals

### Program Changes

Students wishing to change their degree program or their major or minor must apply to do so through the Office of the Registrar. Specific admission requirements must be met.

### Course Changes

It is the student’s responsibility to initiate course changes.

Discontinuing attendance at classes, notifying an instructor or stopping payment on a cheque presented at registration does not constitute official withdrawal from a course.

The deadline for adding courses, substituting one course for another and for late registration in courses is indicated in Column A of the table below.

Students wishing to withdraw from a course, add a course, or substitute one course for another, must do so using the internet through "My Nipissing" and the Web Advisor system. Or students may do so in writing through the Office of the Registrar

or in a letter clearly outlining the changes. Refer to the table below for deadlines.

A course from which withdrawal is made before the date specified in Column A will not be recorded on the student's academic record.

A course from which withdrawal is made after this date but before the date specified in Column B will be recorded on the student's academic record as a "W" (Withdrawal).

If a student withdraws after the date specified in Column B, a grade of "F" (Fail) will automatically be assigned.

Unless this procedure is followed within the specified deadlines no credit of tuition fees will be made and the student's academic record will indicate a failure in the course rather than a withdrawal. Refer to the tuition credit schedule for deadlines.

<b>Session</b>	<b>Column A</b>	<b>Column B</b>
	Last date for registration and course changes	Last date to withdraw without academic penalty
<b>Fall/Winter Session 2004-2005</b>		
6-credit courses	Sept. 17	Jan 28
1st term 3-credit courses	Sept. 17	Oct. 29
2nd term 3-credit courses	Jan. 14	Feb.25
<b>Spring Session 2005</b>		
6-credit courses	May 6	June 10
1st term 3-credit courses	May 6	May 13
2nd term 3-credit courses	June 8	June 13
<b>Summer Session 2005</b>		
6-credit courses	July 8	July 21
1st term 3-credit courses	July 8	July 13
2nd term 3-credit courses	July 29	Aug.5

## Academic Regulations/Information

The following academic regulations and information pertains to students in all programs in the Faculty of Arts and Science. Students must refer to the sections on Degree Requirements and Program Requirements for the specific requirements of their programs.

### Academic Services (Advising)

Students in the Faculty of Arts and Science who wish to plan their programs or who need advice on any academic matter should consult the Manager of Academic Services or an Academic Advisor.

Students in all programs in the Faculty of Arts and Science are also encouraged to consult with faculty members concerning course selections.

Students are responsible for ensuring that the courses in which they register meet the degree requirements of their programs.

The Dean is ultimately responsible for approving course and program registrations as well as any subsequent modifications.

### Academic Dishonesty

The University takes a very serious view of such offences against academic honesty as plagiarism, cheating, and impersonation. Penalties for dealing with such offences will be strictly enforced. The complete policy on Academic Dishonesty is in the Policies section of this Calendar.

### Attendance

Punctual and regular attendance is essential for the successful completion of a course. When absenteeism exceeds 20%, the student may be excluded from writing the final examination.

### Auditor

An auditor is a student who is registered in a course(s), and who may participate in class discussion, but who may not hand in assignments or write examinations. An auditor does not receive credit for the course.

Students who enrol as auditors must indicate this upon registration. The last day to change status from credit to audit or audit to credit is the last day of course changes.

Students must have completed prerequisites or their equivalent in order to register as an auditor in any given course. Students may audit no more than the normal number of courses available to students in any one given session. Where such a course would constitute an overload, permission of the Manager of Academic Services is required.

Not all courses can be audited. Courses with more practical and developmental components (e.g. language courses, laboratory courses, activity courses) cannot be audited. The Dean has the responsibility to designate courses which may or may not be audited.

## Certificate of Bilingualism

Students of Nipissing University are eligible for a Certificate of Bilingualism if they demonstrate superior ability in French and in English. Candidates must successfully complete: thirty credits at Nipissing; six credits upper level taught in English (minimum "B" required); six credits upper level taught in French (minimum "B" required); and the Certificate of Bilingualism written and oral exams. The exams are offered annually. Applications are available in the Office of the Faculty of Arts and Science and are due along with the required fee, early in the fall term. Students will receive the Certificate of Bilingualism along with their degree, upon graduation.

## Changes to Program or Courses

Please refer to the Registration Procedures and Regulations section of this Calendar (See Academic Changes and Withdrawals).

## Class Hours

- Fall/Winter Session classes are normally given in some combination of one, one and one-half, two or three-hour periods per week;
- The number of hours of lecture per course and associated tutorials or laboratories, if any, is usually shown under the course description in the University Calendar;
- Spring Session classes are normally given in three three-hour periods per week including weekend classes;
- Summer Session classes are normally given in four three-hour periods per week;
- Class hours will total at least 72 hours per six-credit course and 36 hours per three-credit course.

## Correspondence Courses

From time to time, Nipissing University offers courses by correspondence. Please contact the Office of the Faculty of Arts and Science for information about correspondence courses.

## Course Identification

Nipissing University courses in the Faculty of Arts and Science are numbered as follows:

Four letters to indicate the discipline ;

Four numbers to designate the course;

Five characters to indicate the particular section of a given course.

### *Example*

<b>PSYC</b>	<b>1106</b>	<b>FA001</b>
Discipline	Course	Section
(Psychology)	Number	

The first and last digits in the course number are particularly significant.

The first digit indicates the year level at which the course is normally taken:

1000-1999 courses are normally taken at first year level.

2000-3999 courses are normally taken at second or third year level.

4000-4999 courses are normally taken at fourth year level and restricted to honours students.

9000 courses are those for which non-equivalent advanced standing or transfer credit has been granted.

Unless otherwise indicated in the course description, the last digit indicates whether the course is a six-credit or a three-credit course, and whether the course may count towards a major. last digit 5 = a six-credit course which may count towards a major or a minor;  
last digit 0 = a six-credit course which may not count towards a major;  
last digit 6 or 7 = a three-credit course which may count towards a major or a minor;  
last digit 1 or 2 = a three-credit course which may not count towards a major;  
last digit 8 or 9 = a one and one-half credit course.

Unless otherwise stated in the course description, courses will count in their respective discipline for liberal degrees.

Subdivisions within the discipline may be indicated by the second and third digits according to the wishes of the academic unit concerned.

In the section segment of course identification, the first two characters identify the months in which a course will be offered (see below). The last three characters indicate the section number (when multiple sections of a course are offered).

FA - September to December

WI - January to April

FW - September to April

SP - May to June

SU - July to August

SS - May to August

Courses offered on the main campus in North Bay will be in the section range of 000 to 099. Courses offered on the Muskoka Campus in Bracebridge will be in the section range of 500 to 599. Courses offered by distance education will be in the section range of 800 to 899.

Language courses are normally taught in the respective language (e.g. French, Latin, Russian, Spanish).

## Course Loads/Overloads

### Full-time Students

- Full-time students will normally be allowed to register in a maximum of 30 credits in the Fall/Winter Session;
- Full-time students are limited to 54 credits in any three consecutive sessions;
- Full-time students with excellent academic records ("B+" or better) may, with the permission of the Manager of Academic Services, take a maximum three-credit overload during each term of the Fall/Winter Session, provided they had no failing grades on a minimum course load of 30 credits in the previous Fall/Winter Session, no failing grades in the previous Spring/Summer Session and have satisfied the Writing Competency Requirement;
- Under no circumstances will a student be allowed more than a three-credit per term overload;
- First-year students may not take an overload;
- Course loads are calculated on all courses in which a student is registered (i.e. the total of all courses at

Nipissing University and by Letter of Permission from other universities).

### Part-time Students

- Students admitted on a part-time basis will normally be allowed to register in a maximum of 12 credits in the Fall/Winter Session;
- Part-time students are limited to 36 credits in any three consecutive sessions;
- Upper year part-time students with excellent academic records ("B+" or better) may, with the permission of the Manager of Academic Services, take a maximum three-credit overload during each term of the Fall/Winter Session, provided they have no failing grades in the previous 30 credits and have satisfied the Writing Competency Requirement;
- Course loads are calculated on all courses in which a student is registered (i.e. the total of all courses at Nipissing University and by Letter of Permission from other universities);
- First-year students may not take an overload.

### Spring and Summer Sessions

Students who register for Spring and Summer courses, on campus and correspondence, will be limited to a maximum of 12 credits per session. (Note: Correspondence course credits will be counted toward the maximum of 12 credits in each of Spring and Summer Session.)

Students on probation or on a restricted course load may only register in a maximum of six credits in each of Spring and Summer session.

## Final Examinations

Except where otherwise approved by Senate, final examinations are mandatory in 1000 and 2000 level courses. (Final examinations are not mandatory in creative writing and studio art courses.) Instructors of 3000 and 4000 level courses may assign final examinations as part of their course assessment strategies. Final examinations are scheduled by the Office of the Registrar. Final examinations for classes held at night will usually be scheduled during the day. In courses with final examinations, they must constitute a minimum of 30% and a maximum of 70% of the final grade. Punctual and regular attendance is essential for the successful completion of a course. When absenteeism exceeds 20%, the student may be excluded from writing the final examination.

Final examinations in the Faculty of Arts and Science for three-credit courses and for six-credit courses will be three hours in length.

### Review of Final Examinations

Students may review their examination papers in the Office of the Registrar. Upon request by a student, and at a time mutually agreed upon by the instructor and student, the instructor shall review the examination paper in the presence of the student. The closing date to request reviews is one month after the release of marks.

## Special Final Examinations

Students who are unable to write final examinations because of illness or other circumstances beyond their control, or whose performance on the examination has been impaired by such circumstances, may, on application, be granted permission to write a special final examination. Such application must:

- be made in writing to the Dean of Arts and Science not later than one week after the date of the examination; and
- be fully supported in the cases of illness by a medical certificate or by appropriate documents in other cases.

The petition for such special examinations must be filed within a week of the day of the regular examination.

The Dean's decision on special final examinations is final and may not be appealed to the Student Academic Standing Appeals and Petitions Committee.

There will normally be a fee for a special examination.

## Grades and the Basis for Assessment

### Letter Grades and Grading Standards

"A" - (80-100%)

"B" - (70-79%)

"C" - (60-69%)

"D" - (50-59%)

"F" - (0-49%)

"A" indicates Exceptional Performance : comprehensive in-depth knowledge of the principles and materials treated in the course, fluency in communicating that knowledge and independence in applying material and principles.

"B" indicates Good Performance : thorough understanding of the breadth of materials and principles treated in the course and ability to apply and communicate that understanding effectively.

"C" indicates Satisfactory Performance : basic understanding of the breadth of principles and materials treated in the course and an ability to apply and communicate that understanding competently.

"D" indicates Minimally Competent Performance : adequate understanding of most principles and materials treated in the course, but significant weakness in some areas and in the ability to apply and communicate that understanding.

"F" indicates Failure: inadequate or fragmentary knowledge of the principles and materials treated in the course or failure to complete the work required in the course.

"I" indicates Incomplete .

"W" indicates Withdrawal with permission.

### Aegrotat Standing

Aegrotat standing (credit granted with incomplete course work) will be considered only in exceptional circumstances (usually only in cases of very serious illness) and if term work has been of high quality.

### Determination of Final Grades

- A student's grade in each course will be based upon the year's work and the final examination (if required);

- b) The final examination will not make up more than 70% or less than 30% of the final grade in each course;
- c) The instructor will discuss with the class the basis for assessment specifying the relative weight of each examination, test, in-class activity and written assignment;
- d) The instructor will also specify which assignments must be completed in order to receive a grade in the course; penalties for late assignments should be clearly stated in each course;
- e) The method of determining final grades is to be discussed with students within the time frame Senate has approved for late course registration;
- f) The instructor must inform students of their standing prior to the date for honourable withdrawal from the course. If no written term work has been evaluated by that date, the information shall be given in the form of a written statement of the student's standing;
- g) The instructor is required to return to students all written work, other than final examinations, which has been submitted for evaluation purposes. Students may discuss with their instructor the work presented, the comments made, and the grade assigned;
- h) Final evaluation submissions are not returned to students but are kept on file by the Office of the Registrar for six months after the publication of Grade Reports;
- i) For each course, a final marks sheet is completed, signed by the Instructor and submitted to the Dean for approval within five calendar days of the exam. The Dean's signature indicates that the marks submission is consistent with existing practices and policies of the Faculty. Revisions to any previously assigned grade are submitted in writing for the approval of the Dean, together with the reasons for such revisions. Grades are not official until they have been approved by the Dean and released by the Office of the Registrar;
- j) The final marks issued by Nipissing University are the only ones accepted as binding.

### Incomplete Grades

In exceptional circumstances, a student may request consideration for an Incomplete grade (I). Such request must be submitted in writing, through the Instructor to the Dean of Arts and Science, together with the reasons for the request.

Any student assigned an Incomplete grade must complete all course requirements within one month after the end of the examination period. If after that period the course is not completed or an extension has not been granted by the Dean, a grade of zero will be assigned to those components not completed.

In order to be considered for an extension of the completion date beyond the normal one month period, a student must submit a written request to the Dean, through the Instructor, explaining the reasons for such an extension. Under no circumstances may a completion date exceed six months from the end of the examination period.

For all six-credit courses and three-credit courses, the final dates for submission of incomplete term work is the scheduled date of the final examination. Term work not submitted by that date will receive a grade of zero; if the term work has been approved by Senate as required for the completion of the

course, term work not completed by the date of the final examination will result in the recording of a failing grade in the course. Exceptions to these deadlines will be approved only by the Dean of Arts and Science (in consultation with the course instructor) for good cause. In no way does this regulation supersede any deadlines for term work set by the instructor within the time span of the course.

### Release of Final Grades

Final Grades will be withheld from any student who has an outstanding account at the University or Library and such students will forfeit their right to appeal grades.

### Grade Appeals

Please refer to the Policies section of the Calendar (see Appeals and Petitions).

### Individualized Study Courses

Any student wishing to take an individualized study course during the following Spring/Summer or Fall/Winter Session must apply in writing to the discipline concerned no later than February 15. This application shall include a brief outline of the proposed topic or project, the proposed faculty supervisor and the signature of one faculty member in the discipline (normally the intended supervisor) who has been consulted and who supports the request. For complete details, please refer to the Policies section of the Calendar (see Individualized Study).

At Nipissing University, individualized study courses may be senior directed studies and research (thesis) courses or practicum/placement courses.

The following is a list of the senior directed studies and research (thesis) courses:

ADMN 4335	Honours Thesis
ADMN 4336	Directed Studies
BIOL 4995	Thesis
CLAS 3505	Directed Studies
COSC 4896	Honours Research I
COSC 4897	Honours Research II
CRJS 4305	Research Project in Criminal Justice
ENGL 4695	Honours Essay
GEND 4005	Honours Essay
GEOG 4985	Directed Studies
GEOG 4995	Senior Seminar and Thesis
HIST 4015	Directed Studies
HIST 4055	Research Project
MATH 4496	Senior Research Project I
MATH 4497	Senior Research Project II
PHIL 4105	Directed Studies
PSYC 3916	Advanced Readings in Psychology
PSYC 3917	Special Projects Course
PSYC 4105	Student's Investigation I
PSYC 4115	Student's Investigation II
SOCI 4005	Independent Studies
SOCI 4095	Research Essay
TMGT 4417	Current Trends in Technology Management

The following is a list of practicum/placement courses:

ADMN 4145	Field Placement in Human Resources Management
COSC 3997	Senior Practicum

COSC 4997	Honours Practicum
CRJS 4346	Field Placement
TMGT 3096	Field Placement in Technology Management

The following courses may also have special approval processes. Please check with the respective departments.

BIOL 4976	Biology Field Camp
BIOL 4997	Freshwater Biology Field Camp
ENGL 3515	Creative Writing
ENGL 3516	Creative Writing: Poetry
ENGL 3517	Creative Writing: Prose Fiction
GEOG 4976	Geography Field Camp
GEOG 4977	Human Geography Field Camp

## Letter of Permission

A student may be permitted to take course(s) at another university for credit. A Letter of Permission to undertake such courses must be obtained from the Manager of Academic Services or an Academic Advisor **before** registering at the other university.

A request for a Letter of Permission must be made in writing and must include a current calendar description of the course(s) to be taken. If the request is approved, a copy of the Letter of Permission must be sent by the student to the host university.

The Letter of Permission will specify the minimum grade required to transfer the course to Nipissing University.

It is the student's responsibility to send to the Registrar an official transcript of grade(s) from the host university. Upon receipt of the transcript, the course(s) will be entered on the student's academic record. The grade(s) received for course(s) completed on a Letter of Permission will not be used in the calculation of averages.

Letters of Permission are not normally issued unless students are in good academic standing. Only under exceptional circumstances are Letters of Permission issued for students to complete the last 30 credits in their degree program. A fee is charged for each Letter of Permission and normally requires two weeks to process.

Students enrolled at another university may be admitted to Nipissing University for purposes of transfer of credit to their home university. Please refer to the Admission to Non-Degree Studies (See Letter of Permission Applicants).

## Limitations on Courses

### Number of Attempts to Complete a Course

Students may only make two attempts to complete a course, except in the case of EDUC 0106 where students will be allowed to make only one attempt. When a second attempt on a course is made, the higher grade obtained of the two attempts will be used in the calculation of averages. If a student fails the course on a second attempt after first passing, then the credits obtained on the first attempt will be kept. A student may attempt a course for a third time, only with departmental approval.

## Number of Credits in a Single Discipline

### a) Bachelor of Arts (3-Year General)

The maximum number of credits a student may take in a single discipline towards a degree is 54 credits.

### b) Bachelor of Arts (Liberal)

The maximum number of credits a student may take in a single discipline is 30 credits, and 54 credits in any two disciplines combined.

### c) Bachelor of Arts (Honours)

The maximum number of credits a student may take in a single discipline towards a degree is 84 credits.

### d) Bachelor of Science (3-Year General)

The maximum number of credits a student may take in a single discipline towards a degree is 54 credits.

For the purposes of these regulations, language courses taken in the student's second language (French or English) are excluded from the discipline count.

## Number of Credits in a Single Discipline in the First Year of Study

During their first year of study or the first 30 credits, students may not take more than six credits in the same subject, except as may be required by a specific program regulation approved by Senate, or as may be approved by the Dean of Arts and Science.

For the purposes of this regulation, language courses taken in the student's second language (French or English) are excluded from the discipline count.

## Number of First Year Courses

The maximum number of first year level courses in the Bachelor of Arts (General) and Bachelor of Arts (Honours) is 42 credits. (Except in the BA 3-Year Child and Family Studies major where the maximum is 48 credits at the first year level.) The maximum number of first year level courses in Bachelor of Arts (Liberal), Bachelor of Business Administration (Honours), Bachelor of Science (General), Bachelor of Science (Honours) and Bachelor of Science (Liberal) is 48 credits.

## Majors and Minors

### Single Major

A single major in a 3-year general program consists of 36 credits in a single discipline, normally six credits at the introductory level and 30 credits at the upper year level. (Where this is not the case, students must complete program requirements as specified.) Where specified, a 60% minimum grade is required in the introductory course(s) in order to declare a major in that discipline. Please refer to the Program Requirements for minimum grade requirements in additional required courses for the major.

A single major in an honours program consists of 66 credits in a single discipline, normally six credits at the introductory level and 60 credits at the upper year level. (Where this is not the case, students must complete program requirements as specified.) Where specified, a 60% minimum grade is required in the introductory course(s) in order to declare a major in that



discipline. Please refer to the Program Requirements for minimum grade requirements in additional required courses for the major.

### Combined Major

A combined major in a 3-year general program consists of 30 credits in each of two disciplines. (Where this is not the case, students must complete program requirements as specified.) As in the single major, students must achieve the minimum grade requirements in the required courses for the major. A combined major in an Arts and a non-Arts discipline is allowed in a Bachelor of Arts (3-Year General) degree. A combined major in an honours program consists of 42 credits in each of two disciplines. As in the single major, students must achieve the minimum grade requirements in the required courses for the major.

### Minor

A minor is available to students pursuing a major(s) in another discipline. A minor consists of a minimum of 24 credits in a discipline, with at least six credits at the first year level and at least six credits at the upper year level. Cross-coded and cross-listed courses may count towards a minor if they have not been used elsewhere to complete program requirements. A minimum grade of 60 % is required in the introductory course(s) presented for the minor.

Minors are available in: Biology, Business Administration, Classical Studies, Computer Science, Economics, English Studies, Fine Arts, French, Gender Equality and Social Justice, Geography, History, Mathematics, Native Studies, Philosophy, Psychology, Religions and Cultures, Social Welfare and Sociology. Please see the respective minors for specific details.

### Off-Campus Courses

Nipissing University usually offers several courses a year in off-campus locations. The Muskoka Campus in Bracebridge offers a Bachelor of Arts with majors in Child and Family Studies and Studies in Culture and the Arts and the potential of first-year full-time study in a Bachelor of Arts in a number of other majors. The Muskoka Campus continues to offer a number of upper level courses for part-time study. Please contact the Office of the Faculty of Arts and Science for further information about off-campus offerings.

### Residency Requirements

To be considered for a Nipissing University degree, students in the Faculty of Arts and Science must successfully complete at least 30 credits at Nipissing.

Students who apply to graduate with a three-year General degree must include at least 18 Nipissing credits in each major.

Students who apply for a four-year Honours degree must include at least 30 Nipissing credits in each major.

Students who apply for a three-year Liberal degree must include at least nine Nipissing credits in each declared sequence.

## Senate Changes to Degree Requirements

Degree requirements that are in any way modified by Senate in one calendar year will normally apply to students admitted the following calendar year unless otherwise specified by Senate. Students currently enrolled may choose to graduate under either the new regulations or the previous regulations. However, they must choose one or the other set of regulations in its entirety.

### Statistics Course Equivalences

A student in a degree program cannot retain credit for more than nine credits of introductory statistics courses. Students will normally take the course offered by the discipline in which they are registered. The introductory statistics courses are: ADMN 2606, ECON 2126, GEOG 2026, MATH 1257, MATH 2076, PSYC 2126, and SOCI 3125.

Either PSYC 2126/PSYC 2127 (formerly PSYC 2125) or SOCI 3125 will be accepted for degree requirements for PSYC/SOCI combined majors. Students who transfer from one discipline to the other will not be required to repeat the statistics course as long as they have attained a 60% grade in a research methods course. Transfers from either inside the University or outside, from a discipline other than PSYC or SOCI, will be allowed to retain credit for a three-credit research design or statistics course, but must enrol in the appropriate PSYC or SOCI course.

### Transcripts of Records

Graduates will be given one transcript of their academic record. Other requests for official transcripts must be made through the Office of the Registrar. The fee for transcripts is published in the Charges and Fee Section of this Calendar (see Other Fees), and is due before the request is processed. Transcripts must be requested in writing or in person; telephone requests will not be accepted.

### Transfer to an Arts Program from a Professional or Science Program

Students may transfer from a Professional or Science program (e.g. BBA, BSc, etc.) to an Arts program. All program transfers must be completed within the deadlines outlined in the Registration Procedures and Regulations section of this calendar (see Academic Changes and Withdrawals).

### Writing Competency Test

Nipissing University is committed to the belief that all university graduates should possess the ability to express their thoughts effectively in writing. In order to identify students with writing problems, all students admitted to degree programs in the Faculty of Arts and Science are required to take a diagnostic English Writing Competency Test (WCT).

*Writing competency is not merely aptitude with grammar and syntax; rather, writing competency involves the demonstration of persuasive reasoning, clarity, coherence, and problem solving skills.*

All students admitted to full-time or part-time studies in the Faculty of Arts and Science must write the test at the earliest

opportunity after initial admission (normally in September). Full-time or part-time students who fail to take the test prior to completing their first 24 credits (four full courses or equivalent) may be required to suspend future credit course enrolment until they write the test.

The Writing Competency Requirement was revised in 1996. For complete details refer to the Policy on English Writing Competency in the Policy section of this Calendar.

#### **Writing Competency Test Dates:**

Monday, September 6, 2004 at 9:00 am  
 Saturday, September 18, 2004 at 10:00 am  
 Saturday, January 15, 2005 at 10:00 am  
 Saturday, March 5, 2005 at 10:00 am

## **Degree Requirements and Academic Standing**

### **Humanities, Social Sciences, Sciences and Professional Disciplines**

All degree programs make reference to Humanities, Social Science and Science requirements (breadth requirements). These groups are defined as follows:

#### **Group I Humanities**

Classical Studies, Culture and the Arts, English Studies, Film, Fine Arts, French, Music, Philosophy, Religions and Cultures, Russian, Spanish

#### **Group II Social Sciences**

Anthropology, Child and Family Studies, Criminal Justice, Economics, Gender Equality and Social Justice, Geography, History, Law and Justice, Native Studies, Political Science, Psychology, Social Welfare, Sociology

#### **Group III Sciences**

Astronomy, Biology, Chemistry, Computer Science\*, Environmental Science, General Science, Geology, Mathematics, Physics

#### **Group IV Professional Disciplines**

Administrative Studies (Business), Marketing (Business), Nursing, Technology Management (Business)

Where reference is made to an Arts requirement, Arts is defined as either Group I Humanities or Group II Social Sciences. Cross-coded courses will be considered in the group to which they are cross-coded for satisfying breadth requirements regardless for which course the student is registered. Cross-listed courses will be considered in the group to which they are cross-listed for satisfying breadth requirements.

\*COSC 1606 and COSC 1607 may not be credited towards the science breadth requirement.

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## **Bachelor of Arts (Honours)**

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To graduate with a Bachelor of Arts (Honours) degree, students must:

- a) satisfy all the stated requirements for the degree;
- b) complete 120 credits in no more than 162 credit attempts with a minimum overall average of 70% (only courses taken at Nipissing University are to be included in the average);
- c) successfully complete the first year introductory level course(s) for the major(s), after no more than two attempts, and where specified, with a minimum grade of 60%;

- d) complete after no more than two attempts, with at least the minimum grade stated in the Program Requirements section, each additional required major course having a specified minimum grade;
- e) in the case of a single major, complete at least 66 credits in the major (according to details provided in the Program Requirements section);
- f) in the case of a combined major, complete at least 42 credits in each of two majors (according to details provided in the Program Requirements section);
- g) not exceed a maximum of 42 credits at the first year level;
- h) not exceed a maximum of 84 credits in a single discipline;
- i) complete at least six credits in each of Groups I (Humanities), II (Social Sciences) and III (Sciences);
- j) satisfy the Writing Competency requirement.

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## Bachelor of Arts (3-Year General)

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To graduate with a Bachelor of Arts (3-Year General) degree, students must:

- a) satisfy all stated requirements for the degree;
- b) complete 90 credits in no more than 132 credit attempts with a minimum overall average of 60% (only courses taken at Nipissing University are to be included into the calculation of averages);
- c) successfully complete the first year introductory level course(s) for the major(s), after no more than two attempts, and where specified, with a minimum grade of 60%;
- d) complete after no more than two attempts, with at least the minimum grade stated in the Program Requirements section, each additional required major course having a specified minimum grade requirement;
- e) in the case of a single major, complete at least 36 credits in the major (according to details provided in the Program Requirements section);
- f) in the case of a combined major, complete at least 30 credits in each of two disciplines (according to details provided in the Program Requirements section);
- g) not exceed a maximum of 42 credits at the first year level (except in the Child and Family Studies major where the maximum is 48 credits at the first year level);
- h) not exceed a maximum of 54 credits in a single discipline;
- i) complete at least six credits in each of Groups I (Humanities), II (Social Sciences) and III (Sciences);
- j) satisfy the Writing Competency requirement.

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## Bachelor of Arts (3-Year Liberal)

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To graduate with a Bachelor of Arts (3-Year Liberal) degree, students must:

- a) satisfy all stated requirements for the degree;
- b) complete 90 credits in no more than 132 credit attempts with a minimum overall average of 60% (only courses taken at Nipissing are to be included in the average);

- c) complete a minimum of 48 credits in courses chosen from at least three disciplines in Group I (Humanities) and Group II (Social Sciences), with at least six credits in each group;
- d) complete a sequence of 18 credits in each of two disciplines. The minimum 18 credits in each discipline may include courses cross-listed for credit in that discipline (if they have not been used elsewhere to complete program requirements), with at least six credits at the first year level and at least six credits at the upper year level and with at least one of these disciplines chosen from Group I (Humanities) or Group II (Social Sciences);
- e) complete the first year required course(s) for each sequence with a minimum grade of 60% after no more than two attempts;
- f) complete at least six credits in Group III (Sciences);
- g) not exceed a maximum of 48 credits at the first year level;
- h) not exceed a maximum of 30 credits in a single discipline and 54 credits in any two disciplines combined;
- i) satisfy the Writing Competency requirement.

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## Bachelor of Business Administration (Honours)

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To graduate with a Bachelor of Business Administration (Honours) degree, students must:

- a) satisfy all the stated requirements of the degree;
- b) complete 120 credits in no more than 162 credit attempts with a minimum overall average of 70% (only courses taken at Nipissing are to be included in this average);
- c) successfully complete the first year introductory level course(s) for the major(s), after no more than two attempts, and where specified, with a minimum grade of 60%;
- d) successfully complete all required courses in no more than two attempts;
- e) not exceed a maximum of 48 credits of first year level courses;
- f) not exceed a maximum of 84 credits in a single discipline;
- g) complete 18 credits in Group I (Humanities), Group II (Social Sciences), or Group III (Sciences) (not to include the required courses in COSC or ECON);
- h) satisfy the Writing Competency requirement.

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## Bachelor of Science (Honours)

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To graduate with a Bachelor of Science (Honours) Degree students must:

- a) satisfy all stated requirements for the degree;
- b) complete 120 credits in no more than 162 credit attempts with an overall average of 70% (only courses taken at Nipissing University are to be included in the average);
- c) successfully complete all required courses in no more than two attempts and successfully complete the first year introductory level course(s) for the major(s), after no more than two attempts, and where specified, with a minimum grade of 60%;

- d) complete six credits in the Humanities and six credits in the Social Sciences. Exceptions include:
  - i) Environmental Biology and Technology major where students may complete six credits in Humanities and/or Social Sciences;
  - ii) Environmental Science and Physical Geography major where students must complete six credits in Humanities and six credits in Business or Social Science, excluding Physical Geography; and
  - iii) Nursing major where a Humanities is not required nor Social Science in addition to the core requirements;
- e) not exceed a maximum of 48 credits at the first year level;
- f) not exceed a maximum of 84 credits in a single discipline (with the exception of Environmental Biology and Technology, Environmental Science and Physical Geography, and Nursing);
- g) satisfy the Writing Competency Requirement.

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## Bachelor of Science (3-Year General)

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To graduate with a Bachelor of Science (3-Year General) degree, students must:

- a) satisfy all stated requirements for the degree;
- b) complete 90 credits in no more than 132 credit attempts with a minimum overall average of 60% (only courses taken at Nipissing University are to be included in the calculation of averages);
- c) successfully complete the first year introductory level course(s) for the major(s), after no more than two attempts, and where specified, with a minimum grade of 60%;
- d) in the case of a single major, complete at least 36 credits in the major (according to details provided in the Program Requirements section);
- e) including the courses for the major, complete at least 60 credits in Group III (Sciences), except in the case of a Psychology major;
- f) complete at least six credits in each of Group I (Humanities) and Group II (Social Sciences);
- g) not exceed a maximum of 48 credits at the first year level;
- h) not exceed a maximum of 54 credits in a single discipline;
- i) the Writing Competency requirement.

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## Bachelor of Science (3-Year Liberal)

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To graduate with a Bachelor of Science (3-Year Liberal) degree, students must:

- a) satisfy all stated requirements for the degree;
- b) complete 90 credits in no more than 132 credit attempts with a minimum overall average of 60% (only courses taken at Nipissing University are to be included in the calculation of averages);
- c) complete 54 credits in Science courses chosen from at least three disciplines;
- d) complete at least six credits in two of the following disciplines: Mathematics, Physics and Chemistry;

- e) complete a sequence of 18 credits in each of two science disciplines. The minimum 18 credits in one discipline may include courses cross-listed for credit in that discipline (if they have not been used elsewhere to complete program requirements), with at least six credits at the first year level and six credits at the upper year level;
- f) complete the required first-year introductory level course(s) in each sequence, with a minimum grade of 60% after no more than two attempts;
- g) choose six credits from the following courses: Philosophy of Science (PHIL 2915), Straight Thinking and Argument (PHIL 2505), or History of Science (HIST 2245);
- h) complete 30 additional credits in elective courses. Twelve credits must be completed from non-science courses (if students are required to take language course(s) as part of their admission requirements, these language course(s) may count as non-science elective(s) requirements);
- i) not exceed a maximum of 48 credits at the first year level;
- j) satisfy the Writing Competency requirement.

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## Second Degree Programs

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### Program of Study

All second degree programs are normally specified by the Manager of Academic Services in consultation with the discipline concerned, and must be approved by the Registrar and the Dean of Arts and Science.

Students who have not met all academic regulations of the University in their first degree program must complete them in their second degree program.

Students may receive credit for courses already completed if these courses were not used to satisfy any of the requirements for the first degree program.

### Admission Requirements

Students possessing an undergraduate degree may proceed to a second undergraduate degree program in another area of study.

Students may be admitted to a second degree program if they hold a recognized university degree with a minimum overall average of "C" or better, and have not failed more than 30 credits in the first degree program.

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## Second Degree Programs - Bachelor of Arts (3-Year General) Bachelor of Arts (3-Year Liberal) Bachelor of Science (3-Year Liberal)

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To graduate with a second degree in the Bachelor of Arts (3-Year General) program, the Bachelor of Arts (3-Year Liberal) program, or the Bachelor of Science (3-Year Liberal) program, students must:

- a) complete a minimum of 48 credits with a minimum overall average of 60%, after no more than two attempts in any one course;
- b) in the case of a Bachelor of Arts second degree, complete a minimum of 30 credits in the area of major;
- c) in the case of a Bachelor of Arts second degree, successfully complete the first year introductory level course(s) for the major(s), after no more than two attempts, and where specified, with a minimum grade of 60%;
- d) in the case of a Bachelor of Arts (3-Year Liberal), or a Bachelor of Science (3-Year Liberal) degree, complete the required first year introductory course(s) in each declared discipline, with a minimum grade of 60% after no more than two attempts;
- e) in the case of a Bachelor of Arts second degree, include all courses normally required for the major, if not already completed in the first degree;
- f) in the case of a Bachelor of Arts (3-Year Liberal), or a Bachelor of Science (3-Year Liberal) second degree, complete a sequence of 18 credits in each of two disciplines and maintain an average of 60% on the courses presented for the degree;
- g) in the case of a Bachelor of Arts second degree, complete at least six credits in each of Groups I (Humanities), II (Social Sciences), and III (Sciences) if they have not done so in their first degree;
- h) satisfy the Writing Competency requirement if they hold a first degree from a foreign university. (The Dean of the Faculty of Arts and Science may consider students for exemption, on an individual basis.)

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## Second Degree Programs - Bachelor of Arts (Honours) Bachelor of Business Administration (Honours)

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To graduate with a second degree in the Bachelor of Arts (Honours) program or Bachelor of Business Administration (Honours) program students must:

- a) complete a minimum of 60 credits with a minimum overall average of 70%, after no more than two attempts in any one course;
- b) in the case of a Bachelor of Arts second degree, successfully complete the first year introductory level

- course(s) for the major(s), after no more than two attempts, and where specified, with a minimum grade of 60%;
- c) in the case of a Bachelor of Arts second degree, complete a minimum of 48 credits in the area of major of the second degree;
- d) in the case of a Bachelor of Business Administration second degree, complete all core course not completed in the first degree;
- e) maintain all minimum grade requirements and all minimum average requirements specified in the general regulations for the specified degree;
- f) in the case of a Bachelor of Arts second degree, complete at least six credits in each of Groups I (Humanities), II (Social Sciences) and III (Sciences) if they have not done so in their first degree;
- g) satisfy the Writing Competency requirement if they hold a first degree from a foreign university. (The Dean of the Faculty of Arts and Science may consider students for exemption, on an individual basis.)

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## Upgrade to an Honours Degree

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Students who have graduated with a Nipissing Bachelor of Arts three-year degree, and who wish to upgrade to a four-year Bachelor of Arts Honours degree in the same discipline, may apply for re-admission to the University indicating their intent to pursue an Honours degree on the application for re-admission.

To graduate with a Bachelor of Arts (Honours) degree, students must:

- a) meet the current published minimum average requirements for the degree and the major;
- b) complete all the requirements for the four-year degree program as specified in the academic calendar for the year they are re-admitted.

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## Academic Standing

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For full-time students academic standing is determined at the end of the fall-winter session (September to April). The following assessment for academic standing will be implemented beginning September 2004.

1. A student's cumulative average (out of 100) will be a weighted average based on all grades submitted. The student's term and annual reports will include their cumulative average, sessional average, cumulative GPA, sessional GPA and class average.
2. A numerical grade for every student registered for a course will be submitted.
3. A cumulative percentage average and a sessional percentage average will be calculated for every student. The sessional average will use grades from the fall and winter terms.
4. A student may be allowed to repeat a course once and the higher grade obtained will be used in the calculation of the cumulative and sessional (if appropriate) average. If a student **fails** the course on a second attempt after **first passing**, then the credits obtained for that course on the

first attempt will be **kept**. A student may attempt a course for a third time only with departmental approval.

5. If the **cumulative average** is below 50%, then the student will be required to withdraw for at least one year. The earliest possible start date for re-admission is the Fall term following the 1st anniversary of the withdrawal. If the cumulative average is between 50 and 59 (averages rounded up), then the student will be placed on academic probation. Students may use marks from the first spring term to clear probation or withdrawal status.
6. All students placed on probation will be restricted to a maximum of 24 credits for the fall and winter terms following (maximum four courses per term).
7. If a student does not clear academic probation, then they will be required to withdraw for at least one year,
8. All students asked to withdraw may appeal the decision to the University's Admissions, Petitions and Promotions (APP) committee at a specified date. Students who have been required to withdraw from the university may petition the APP Committee to remove up to 18 credits with regards to calculation of the cumulative average. However, all grades will be included on the university transcript.
9. A student who has an average from 65-69% and has declared that they wish to be in a four year program **will be informed** prior to their second year that they must raise their cumulative average to at least 70% to stay in an honours program.
10. If the student does not raise their average to at least 70% by the end of their second year they will be required to withdraw from the four-year honours program. In order for a student in a four year honours program to proceed from year 2 to year 3 and from year 3 to year 4, they must maintain a cumulative average of at least 70%. In order to graduate with an honours degree, a student must have a cumulative average of at least 70% plus any additional requirements that are discipline related.
11. If a student has been admitted on a scholarship which may be renewed based on academic performance, then this performance should be based on the **best** 30 credits attempted by the student in the fall/winter terms. A student **must have attempted** at least 30 credits in the fall/winter term in order to be considered for scholarship renewal or upper year scholarships.
12. Upper year scholarships will be based upon sessional average (fall/winter terms) and will require that the student complete at least 30 credits during those terms.
13. Any student who is **admitted on academic probation** (e.g. transfer students on academic probation, mature students, and students with less than the minimum required admission average from high school) will have 18 credits (maximum three courses per term in the fall and winter terms) to clear probation. That is, they will stay on probation until 18 credits have been completed and once 18 credits have been completed their cumulative average will be calculated. If it is at least 60%, then they may proceed as full-time students in good standing. If the cumulative average is between 55 and 59% then they may proceed on probation (maximum 18 credits) and will be evaluated after 30 credits attempted. A student admitted on probation with a cumulative average of less than 55% after 18 credits attempted will be required to withdraw for at least one year.

Note: Upon completing fourth year, those students whose final overall averages are below 70% may graduate with a 4-Year General degree or have the option of taking (or retaking) additional courses in order to qualify for the Honours degree.

# Glossary of Terms

**Anti-requisite** - A course which cannot be taken for credit before, after, or at the same time as the course which is listed.

**Bachelor's Degree** - It is the first level of university degrees, for example, a Bachelor of Arts, Bachelor of Business Administration or Bachelor of Science. It is also referred to as an undergraduate degree.

**Breadth** - A requirement in most programs, that students complete at least six credits in each of the areas of humanities, sciences and social sciences.

**Co-requisite** - A course which is required to be taken concurrently with the course with which it is listed as co-requisite.

**Cross-listed courses** - Courses which may be credited towards more than one discipline. (e.g. ENGL 2206)

**Cross-coded courses** - Courses which may be listed under two different codes in two different disciplines. The courses in the two disciplines will be anti-requisites for one another. (e.g. ADMN 2606 and ECON 2126)

**Credits** - The academic weight assigned to a course.

**Discipline** - This refers to an area of study, or to the faculty who teach in that subject.

**Electives** - Courses taken outside of the major requirements, chosen by the student, and used to fulfill their program requirements.

**General Degree** - A general degree is normally a 3-year undergraduate degree. Students who have completed the fourth year of an honours degree but have failed to achieve the required overall average of 70% may graduate with a 4-year general degree or have the option of taking (or retaking) additional courses in order to qualify for the honours degree.

**Honours Degree** - An honours degree is a 4-year undergraduate degree. In order to graduate with an honours degree, students must achieve an overall average of 70% or better.

**Hours** - The number of hours for a course, listed as the number of hours scheduled per week in the fall and/or winter terms. Three credit courses require a minimum of 36 hours in total and six-credit courses require a minimum of 72 hours in total.

**Laboratory** - The hours required in a course, typically in the sciences, for experimentation. This experimentation is normally held in a smaller "laboratory" setting and led by a professor or laboratory instructor.

**Lecture** - Typically the largest part of a course's hours, usually led by a professor.

**Major** - The student's discipline(s) of specialization. Specific courses are required to meet major (or program) requirements.

**Minor** - A secondary level of specialization in a discipline, in addition to the major(s). Specific courses may be required to meet minor requirements.

**Prerequisite** - A course which is required to be successfully completed before the course listed. This course ensures that students have the required background to complete the listed course successfully.

**Seminar** - A course, or portion of a course, taught through small group discussion or instruction.

**Sequence** - The minimum 18 credits required in each of two disciplines for a liberal degree program.

**Tutorial** - The small group discussion portion of a larger lecture class, which may be led by a professor or by a tutorial assistant.

**Undergraduate Degree** - It is the first level of university degrees, for example, a Bachelor of Arts, Bachelor of Business Administration or Bachelor of Science. The next levels of university degrees are the master and doctoral levels, also referred to as graduate degrees.

**Upper level courses** - Any level of course beyond the first year (1000) level.

# Programs and Courses

## Areas of Study - Faculty of Arts and Science

Area of Study *	Major (Degree)	Minor	Elective Only	Department
Aboriginal Counselling			X	**
Administrative Studies	BA3			School of Business and Economics
Anthropology			X	Sociology, Criminal Justice and Social Welfare
Astronomy			X	Computer Science and Mathematics
Biology	BSc4, BSc3	X		Biology
Business Administration	BBA	X		School of Business and Economics
Chemistry			X	Biology
Child and Family Studies	BA3			**
Classical Studies	BA3	X		Humanities and Cultural Studies
Computer Science	BSc4, BSc3, BA3	X		Computer Science and Mathematics
Criminal Justice	BA4			Sociology, Criminal Justice and Social Welfare
Culture and the Arts (Studies in)	BA3			**
Economics	BA3	X		School of Business and Economics
English Studies	BA4, BA3	X		English Studies
Environmental Biology and Technology	BSc4			Biology
Environmental Geography~	BA4, BA3			Geography and Geology
Environmental Science			X	Biology
Environmental Science and Physical Geography~	BSc4			Geography and Geology
Film			X	Humanities and Cultural Studies
Fine Arts	BA3	X		Humanities and Cultural Studies
French		X		Humanities and Cultural Studies
Gender Equality and Social Justice +	BA4, BA3	X		Humanities and Cultural Studies
General Science			X	Computer Science and Mathematics
Geography~	BA4, BA3	X		Geography and Geology
Geography of Regional Planning and International Development ~	BA4			Geography and Geology
Geology		X		Geography and Geology
History	BA4, BA3	X		History
Law and Justice			X	Sociology, Criminal Justice and Social Welfare
Mathematics	BSc4, BSc3, BA4, BA3	X		Computer Science and Mathematics
Marketing ***		X		School of Business and Economics
Music			X	Humanities and Cultural Studies
Native Studies	BA3	X		Humanities and Cultural Studies
Nursing	BSc4			School of Nursing
Philosophy +	BA4, BA3	X		Humanities and Cultural Studies
Physics			X	Computer Science and Mathematics
Political Science			X	History
Psychology	BSc4, BSc3, BA4, BA3	X		Psychology
Religions and Cultures		X		Humanities and Cultural Studies
Russian			X	Humanities and Cultural Studies
Social Science			X	**
Social Welfare	BA3	X		Sociology, Criminal Justice and Social Welfare
Sociology	BA4, BA3	X		Sociology, Criminal Justice and Social Welfare
Spanish			X	Humanities and Cultural Studies
Technology Management ***		X		School of Business and Economics
University Success			X	**

\* Many of the subjects listed above may be selected for study in a Liberal Arts (BA3) degree. Only Biology, Computer Science, Environmental Science, Geology and Mathematics may be selected for study in a Liberal Science (BSc3) degree. Also, a number of subjects offered as a major may be studied in combination with a second major. Please see the Academic Calendar or an Academic Advisor for details.

\*\* Non-departmentalized

\*\*\* These subjects are offered as streams in a Bachelor of Business Administration in addition to Accounting, Economics and Human Resources Management.

+ The majors in the BA4 for both Gender Equality and Social Justice and Philosophy are offered as combined majors only.

~ A Certificate in Geomatics is also available to all Geography and Geography-related majors in an Honours (four-year) degree.

A Bachelor of Commerce (Financial Services) and Diploma in Financial Services is available through the Faculty of Arts and Sciences Centre for Continuing Business Education.



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## Aboriginal Counselling

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This discipline is not offered as a degree, but the course in Aboriginal Counselling may be credited as an elective in any other degree program.

### Aboriginal Counselling Course

#### ABCO 1006 Aboriginal Counselling Management

Prerequisite: No prerequisite.

Hours: Three hours of lecture per week for one term.

Credits: 3

This course will focus on advanced administration and office protocol in both First Nations and institutional environments. Areas covered will include proposal development; report writing; rules of confidentiality; which will facilitate professional counselling practices. The student will develop skills in budgeting, human relations, program implementation, and knowledge of infrastructure, ethics and accountability. The emphasis on approaches to administration will reflect the philosophy, values, and group dynamics of Aboriginal peoples. This course is primarily for people of Aboriginal ancestry.

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## Administrative Studies

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This program is part of the School of Business and Economics.

### Undergraduate Degree

•Bachelor of Arts (3-Year General)

### Bachelor of Arts (3-Year General Degree) - Single Major

Students must complete 90 credits including 36 core credits as follows:

ADMN 1107	Introductory Financial Accounting II	3 cr.
ADMN 1136	Introduction to Organizational Behaviour	3 cr.
ADMN 1137	Management of Human Resources	3 cr.
ADMN 1607	Business Mathematics	3 cr.
ADMN 2167	Business Decision Making	3 cr.
ADMN 2306	Business Ethics	3 cr.
ADMN 2606	Business Statistics	3 cr.
ECON 1006	Introduction to Economics I	3 cr.
ECON 1007	Introduction to Economics II	3 cr.
MKTG 1126	Marketing Concepts	3 cr.
MKTG 1127	Marketing for Managers	3 cr.
TMGT 3856	Information Systems (formerly ADMN 3856)	3 cr.

Students without any prior background in accounting will be required to take ADMN 1106 Introductory Financial Accounting I in preparation for ADMN 1107.

*Students are limited to a maximum of 54 credits in a single discipline.*

#### Other Program Requirements

Humanities	6 cr.
Science	6 cr.
Electives	42 cr.

For complete Bachelor of Arts (3-Year General) degree requirements, please refer to that section of the Calendar.

### Bachelor of Arts (3-Year General) - Combined Major

Students must complete 90 credits including the 36 core credits listed above and a minimum of 30 credits in another discipline. The second major must include all of the required courses specified for that discipline.

*Students are limited to a maximum of 54 credits in a single discipline.*

#### Other Program Requirements

Major 2	30 cr.
Humanities	6 cr.
Science	6 cr.
Electives	12 cr.

For complete Bachelor of Arts (3-Year General) degree requirements, please refer to that section of the Calendar.

## Administrative Studies Courses

For Course Descriptions see *Business Administration* and *Economics*.

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## Anthropology

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This discipline is not offered as a degree, but the courses in Anthropology may be credited as electives in any other degree program.

### Anthropology Courses

#### **ANTR 1005 Introduction to Anthropology: Understanding Humankind**

Prerequisite: No prerequisite.

Hours: Three hours of lecture per week.

Credits: 6

Anthropology is the study of human biological and cultural adaptations in time and space, and surveys four major sub-fields: archaeology, the techniques for gathering and interpreting data about past human behaviour; physical/biological anthropology, the study of human physical variation, including human evolution and the comparison of humans to other primates; linguistics, the study of the structure and distribution of human languages; and social/cultural anthropology (including ethnology), the comparison of different cultures around the world and analysis of their underlying structures. Applied anthropology, including the identification and resolution of contemporary social issues, is also examined. *Offered in 2004-2005. Also offered in Summer 2004.*

#### **ANTR 2025 Elementary Archaeology**

Prerequisite: No prerequisite.

Hours: Two hours of lecture and one of lab per week.

Credits: 6

Archaeology as the study of past cultures through their material remains, surveys basic concepts of the discipline and uses examples from key periods in human development to illustrate how archaeologists investigate past human behaviour. Integrated laboratory sessions, together with a brief field trip and excavations, familiarize students with basic archaeological research methods, techniques of analysis, and the effective communication of results. This course may be credited towards Classical Studies. *Offered periodically. Offered in Muskoka in Spring 2004.*

#### **ANTR 2035 Ethnology of North American Native Peoples**

Prerequisite: ANTR 1005

Hours: Three hours of lecture per week.

Credits: 6

The course describes and compares the socio-cultural systems of the original peoples of North America as they were at the time of contact with European cultures. After an introduction to the peopling of North America and the development of North American native culture areas and languages, this course examines comparative processes of social organization and adaptation. The following aboriginal culture areas north of Mexico are surveyed: the Southeast, the Eastern Agriculturalists and other Eastern Woodlands groups, the Plains and the Prairies, the Southwest, the Intermontane area (including the Great Basin, California, and the Plateau), the Northwest Coast, the Subarctic, and a brief examination of the Arctic. This course may be credited towards Native Studies. *Offered periodically.*

### Cross-Listed Courses

The following courses may be credited towards Anthropology: MUSC 1006 and MUSC 1007.

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## Astronomy

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This discipline is not offered as a degree, but the course in Astronomy may be credited as an elective in any other degree program.

### Astronomy Course

#### ASTR 1010 Introduction to Astronomy

Prerequisite: No prerequisite.

Hours: Three hours of lecture per week.

Credits: 6

The course investigates the evolution and physical properties of the universe as we know it. Topics examined include an historical overview of the role of astronomy in the development of the physical sciences, current theories on cosmology, the evolution of galaxies, star formation and structure, supernovae, pulsars, black holes, quasars and dark matter, and the solar system, including results of spacecraft exploration to eight of the nine planets. This course is designed for non-science majors or anyone with an interest in astronomy. The level of mathematics required will be limited to simple algebra. This course will have observing sessions where possible. *Offered in 2004-2005. Also offered in Spring 2004.*

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## Biology

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### Undergraduate Degree

- Bachelor of Science (Honours)
- Bachelor of Science (3-Year General)

### Bachelor of Science (Honours) - Single Major

Students must complete 120 credits with 90 core credits as follows:

* BIOL 1006	Introduction to Molecular and Cell Biology	3 cr.
* BIOL 1007	Introduction to Organismal and Evolutionary Biology	3 cr.
BIOL 2446	Principles of Ecology	3 cr.
BIOL 2557	Genetics	3 cr.
BIOL 3117	Biostatistics	3 cr.
BIOL 4995	Thesis	6 cr.
BIOL 2000 level		6 cr.
BIOL 2000 or 3000 level		3 cr.
BIOL 3000 level		15 cr.
BIOL 3000 or 4000 level		6 cr.
BIOL 4000 level		9 cr.

One of: 3 cr.

BIOL 2336 Biology of Seedless Plants **or**  
BIOL 2337 Biology of Seed Plants

One of: 3 cr.

BIOL 2836 Invertebrate Zoology **or**  
BIOL 2837 Vertebrate Zoology

CHEM 1005 General Chemistry 6 cr.  
CHEM 2000 level 3 cr.

MATH 1257 Technical Statistics 3 cr.  
\*\* MATH 1000 level 3 cr.

Science 1000 level (excluding BIOL or ENSC) 6 cr.  
Science 1000 or 2000 level 3 cr.

\*Students must complete BIOL 1006 and BIOL 1007 with a minimum grade of 60% in each.

\*\*This requirement excludes MATH 1070, MATH 1911 and MATH 1912.

*Students are limited to a maximum of 84 credits in Biology.*

### Other Program Requirements

Humanities	6 cr.
Social Sciences	6 cr.
Electives	18 cr.

For complete Bachelor of Science (Honours) degree requirements, please refer to that section of the Calendar.

## Bachelor of Science (3-Year General) - Single Major

Students must complete 90 credits with 60 core credits as follows:

* BIOL 1006	Introduction to Molecular and Cell Biology	3 cr.
* BIOL 1007	Introduction to Organismal and Evolutionary Biology	3 cr.
BIOL 2446	Principles of Ecology	3 cr.
BIOL 2557	Genetics	3 cr.
BIOL 2000 level		6 cr.
BIOL 3000 level		12 cr.
One of:		3 cr.
BIOL 2336	Biology of Seedless Plants <b>or</b>	
BIOL 2337	Biology of Seed Plants	
One of:		3 cr.
BIOL 2836	Invertebrate Zoology <b>or</b>	
BIOL 2837	Vertebrate Zoology	
CHEM 1005	General Chemistry	6 cr.
CHEM 2000 level		3 cr.
MATH 1257	Technical Statistics	3 cr.
** MATH 1000 level		3 cr.
Science 1000 level (excluding BIOL or ENSC)		6 cr.
Science 1000 or 2000 level		3 cr.

\*Students must complete BIOL 1006 and BIOL 1007 with a minimum grade of 60% in each.

\*\*This requirement excludes MATH 1070, MATH 1911 and MATH 1912.

*Students are limited to a maximum of 54 credits in Biology.*

### Other Program Requirements

Humanities	6 cr.
Social Sciences	6 cr.
Electives	18 cr.

For complete Bachelor of Science (3-Year General) degree requirements, please refer to that section of the Calendar.

## Minor in Biology

A minor in Biology is available to students pursuing a major in another discipline. A minor consists of a minimum of 24 credits in the discipline, with at least six credits at the first year level and at least six credits at the upper year level. Cross-coded and cross-listed courses may count towards the minor if they have not been used elsewhere to complete program requirements. A minimum grade of 60 % is required in the introductory course(s) presented for the minor.

## Biology Courses

### BIOL 1006 Introduction to Molecular and Cell Biology

Prerequisite: No prerequisite.

Anti-requisite: BIOL 1306/BIOL 1716

Hours: Three hours of lecture and three hours of laboratory work per week for one term.

Credits: 3

This course examines the fundamentals of biology at the molecular and cellular levels. *Offered every year.*

### BIOL 1007 Introduction to Organismal and Evolutionary Biology

Prerequisite: No prerequisite.

Anti-requisite: BIOL 1306/BIOL 1716

Hours: Three hours of lecture and three hours of laboratory work per week for one term.

Credits: 3

This course is an overview of the biological principles and processes at the whole organism level, from an evolutionary perspective. *Offered every year.*

### BIOL 1216 Environmental Microbiology I

Prerequisite: No prerequisite.

This course is intended primarily for students in the Environmental Biology and Technology program.

Hours: Two hours of lecture and four hours of laboratory work per week per fourteen week term.

Credits: 3

This course will provide an introduction to culture techniques, media preparation, identification techniques and aseptic techniques. Theory will be augmented with laboratory sessions involving aseptic techniques, isolation and identification. *Offered every year.*

### BIOL 2107 Limnology

Prerequisite: BIOL 2446 and CHEM 2046

Anti-requisite: ENSC 2107, GEOG 4127

Hours: Three hours of lecture and three hours of laboratory work per week per fourteen week term.

Credits: 3

The student will study the chemical and physical factors affecting the aquatic environment, as well as the biological interactions within the system. Previously learned concepts and techniques from general ecology, chemistry, microbiology and instrumentation will be employed in the analysis of a specific ecosystem: the lake.

### BIOL 2116 Principles of Microbiology

Prerequisite: BIOL 1007 or BIOL 2707

Hours: Three hours of lecture and three hours of laboratory work per week for one term.

Credits: 3

This course provides an introduction to microbiology with topics including the morphology, structure, classification, nutrition and growth of microbes and basic immunology. The course will also offer a survey of infectious diseases; an examination of environmental effects on microbes; the study of mutation and genetic recombination; and an analysis of antimicrobial chemotherapeutic agents. *Offered every year.*

**BIOL 2206 Introduction to Biochemistry**

Prerequisite: No prerequisite.

Restricted to students in a Bachelor of Science degree.

Hours: Three hours of lecture per week for one term.

Credits: 3

This course provides an introduction to the chemistry, structure, and function of carbohydrates, lipids, proteins, and nucleic acids. Topics include basic metabolism of carbohydrates and fats, with emphasis on the biochemical fluctuations that occur in human health and disease; an introduction to enzymes; DNA replication and protein synthesis; and molecular genetics. *Offered every year.*

**BIOL 2207 Environmental Microbiology II**

Prerequisite: BIOL 1216

This course is intended primarily for students in the Environmental Biology and Technology program.

Hours: Two hours of lecture and three hours of laboratory work per week per fourteen week term.

Credits: 3

Methods of controlling microbial growth, water and sewage microbiology, microbial genetics, biotechnology, water-borne pathogens and the influence of microorganisms in nutrient cycles will be investigated. The student will perform control experiments and be involved in the isolation, enumeration, and identification of microorganisms from water samples. *Offered every year.*

**BIOL 2336 Biology of Seedless Plants**

Prerequisite: BIOL 1007

Hours: Three hours of lecture and three hours of laboratory work per week per term.

Credits: 3

An examination of the structure, taxonomic and evolutionary relationships, physiology, ecology and economic importance of photosynthetic organisms belonging to the groups cyanobacteria, algae, fungi, lichens, bryophytes, ferns and fern allies.

**BIOL 2337 Biology of Seed Plants**

Prerequisite: BIOL 1007

Hours: Three hours of lecture and three hours of laboratory work per week per term.

Credits: 3

This course examines plant structure and function and the relationship of plants to their environment and to human activities. Topics include plant classification; evolution; growth and development; reproductive biology; photosynthesis; nutrient, water, and energy relations; and economic botany. *Offered every year.*

**BIOL 2407 Environmental Toxicology**

Prerequisite: BIOL 1007 and CHEM 1005

Hours: Three hours of lecture and three hours of laboratory work per week per term.

Credits: 3

This course will introduce the student to the methods used to assess the biological effects of various substances which occur naturally or artificially in the environment. Acute and chronic toxicity experiments on plant and animal species will be conducted.

**BIOL 2446 Principles of Ecology**

Prerequisite: BIOL 1007

Hours: Three hours of lecture and three hours of laboratory work per week for one term.

Credits: 3

This course is an introduction to the study of the interaction of organisms and the environment. Topics include physiological ecology, population ecology, ecosystem processes, and life history strategies. An emphasis is placed on selected terrestrial, wetland and aquatic environments. *Offered every year.*

**BIOL 2557 Genetics**

Prerequisite: BIOL 1007

Hours: Three hours of lecture and three hours of laboratory work per week for one term.

Credits: 3

This course examines fundamental concepts of genetics. Topics include mechanisms and patterns of inheritance, structure and function of DNA, mutations, population genetics, biological variability, natural selection, and the significance of the Human Genome Project. *Offered every year.*

**BIOL 2706 Human Anatomy and Physiology I**

Prerequisite: BIOL 1006 or must be registered in BScN program

Anti-requisite: BIOL 1706

Hours: Three hours of lecture and three hours of laboratory work per week for one term.

Credits: 3

This course describes basic human anatomy and physiology at the cellular, tissue, organ and system levels of organization. *Offered every year.*

**BIOL 2707 Human Anatomy and Physiology II**

Prerequisite: BIOL 2706

Anti-requisite: BIOL 1707

Hours: Three hours of lecture and three hours of laboratory work per week for one term.

Credits: 3

This course is a continuation of BIOL 2706 and further examines basic human anatomy and physiology at various levels of biological organization. *Offered every year.*

**BIOL 2836 Invertebrate Zoology**

Prerequisite: BIOL 1007

Anti-requisite: BIOL 2736

Hours: Three hours of lecture and three hours of laboratory work per week for one term.

Credits: 3

This course will survey the major invertebrate taxa, including protists and non-vertebrate chordates, by examining and comparing life cycles, ecology, anatomy, and physiology of representative species. Emphasis will be placed on invertebrate groups with regional, evolutionary, ecological, or economic importance. Laboratory work will include specimen collection, identification, and preservation. *Offered every year.*

**BIOL 2837 Vertebrate Zoology**

Prerequisite: BIOL 1007

Anti-requisite: BIOL 2736

Hours: Three hours of lecture and three hours of laboratory work per week for one term.

Credits: 3

An examination of the classes of vertebrate animals in terms of evolutionary, taxonomic, structural, physiological and ecological characteristics. Laboratory classes will emphasize identification of specimens, relationships between form and function, life histories, evolution, and classification. *Offered in 2004-2005.*

**BIOL 3006 Environmental Interpretation and Communication**

Prerequisite: BIOL 2446

Anti-requisite: ENSC 3006

Hours: Two hours of lecture and two hours of laboratory work per week for one term.

Credits: 3

Through the exploration of a forest ecology theme, the student will develop interpretation and communication skills in environmental science. Lectures in introductory forest ecology will provide a framework for examining various aspects of research, including: literature review; experimental design and technique; data interpretation and presentation; scientific writing; and the use of various tools in preparing and presenting seminars, posters and scientific documents. This information will be applied directly to individual and/or group research projects. One or two required field trips will be taken on weekends early in the term.

**BIOL 3007 Environmental Issues in Forestry**

Prerequisite: BIOL 2446

Anti-requisite: ENSC 3007

Hours: Three hours of lecture and three hours of laboratory work per week for one term.

Credits: 3

This course will introduce the student to forest ecology with an emphasis on the autoecology of important organisms; the structure, function and diversity of communities and ecosystems; responses of organisms and ecosystems to stress and disturbance; and the management of forest resources from an ecological perspective. Mandatory weekend field trip(s) will be conducted early in the semester. *Offered in Spring 2004.*

**BIOL 3066 Flora of Northern Ontario**

Prerequisite: BIOL 2337

Hours: Three hours of lecture and three hours of laboratory work per week for one term.

Credits: 3

A survey of the vascular plants of Northern Ontario through the application of taxonomic concepts and methods with reference to plant classification, nomenclature and practical field identification. Students are required to make and present a plant collection of flowering plants and non-flowering vascular plants. Students who are planning to take this course should consult with the Biology department for information on how to proceed with collecting and preparing plants in the spring and summer prior to the course. Opportunities to collect plants will also occur during field trips held early in the term. *Offered in 2004-2005.*

**BIOL 3117 Biostatistics**

Prerequisite: BIOL 1007 and MATH 1257

Hours: Three hours of lecture per week for one term.

Credits: 3

Students will learn the philosophical underpinnings of experimental design in traditional and contemporary biological inquiry. Data sets that highlight both field and laboratory realities will be analyzed and interpreted using basic univariate and/or multivariate statistical techniques on common software packages. *Offered in 2004-2005.*

**BIOL 3236 Plant Ecology**

Prerequisite: BIOL 2446 (BIOL 2337 recommended)

Hours: Three hours of lecture and three hours of laboratory work per week for one term.

Credits: 3

This course will examine the relationships between plants and physical, chemical, and biotic factors in the environment. Topics include: ecophysiology; population, community and ecosystem ecology; adaptations; and response to stress and disturbance. One or two required field trips will be taken on weekends early in the term. *Offered in 2004-2005.*

**BIOL 3277 Animal Ecology**

Prerequisite: BIOL 2446 and one of: BIOL 2836 or BIOL 2837

Hours: Three hours of lecture and three hours of laboratory work per week for one term.

Credits: 3

This course will examine ecological relationships among animals and their environments, inter- and intra-species relationships, factors affecting population phenomena, and various practical applications of these principles, including pest management, wildlife management, and conservation of endangered species. *Offered every year.*

**BIOL 3397 Introductory Soil Science**

Prerequisite: CHEM 1005 or GEOG 1017 or permission of the instructor.

Anti-requisite: GEOG 3397 and GEOL 3397

Hours: Three hours of lecture and three hours of laboratory work per week for one term.

Credits: 3

Lectures deal with the study of soil as an integral part of our physical environment. Soil profile characteristics are studied in the context of soil-forming factors, pedogenic processes, and soil classification systems. Laboratory sessions include analysis of typical soil profiles in the field and methods of physical, chemical, and biological analysis of soil samples in the wet lab. *Offered in 2004-2005.*

**BIOL 3436 Conservation Biology**

Prerequisite: BIOL 2446

Hours: Three hours of lecture per week for one term.

Credits: 3

This course explores the science and management of scarcity and diversity. Issues covered include fitness and viability of populations of plants and animals, effects of habitat fragmentation, habitat supply analysis, measures of biodiversity and sustainability, issues of scale, special needs of sensitive species, and aspects of the design of ecological reserves. The degree to which these concepts are integrated into current management practices are discussed. *Offered in 2004-2005.*

**BIOL 3437 Community Ecology**

Prerequisite: BIOL 2446 or MATH 1257

Hours: Three hours of lecture and three hours of laboratory work per week for one term.

Credits: 3

This course compares the structure, function, and limiting factors of a variety of communities such as grasslands, forests, marine, wetland and riparian. Related topics will include keystone and indicator species, aspects of ecological succession, the use of Forest Ecosystem Classifications in forest management, and statistical methods for community analysis with emphasis on multivariate techniques. Student projects will be an important component of the course.

**BIOL 3557 Genetics & Society: Our genes, our choices**

Prerequisite: No prerequisite.

Hours: Three hours of lecture per week for one term.

Credits: 3

This course will examine ethical, philosophical, and religious issues raised by the rapidly advancing field of molecular biology and genetics. Topics will include an introduction to science, pseudoscience, and skepticism; the history of eugenics; the significance of the Human Genome Project; the social implications of research into the genetic basis of behaviour; issues of privacy relating to genomic profiling; genetic screening; reproductive technology and human cloning; genetically modified organisms; patent rights; xenotransplantation; and discussion of the potential and perils of increasing human lifespan through biomedical advances. Questions of resource allocation and access will also be considered. An emphasis will be placed on critical thinking, formulation of logical argument, and the recognition and personal resolution of ethical dilemmas. This course may be credited towards Philosophy. *Offered in 2004-2005.*

**BIOL 3567 Ethnobotany**

Prerequisite: This course is restricted to students enrolled in the third or fourth year of any degree program.

Hours: Three hours of lecture per week for one term.

Credits: 3

An examination of the "science of people's interaction with plants"; the role of human societies in the discovery, development and dispersal of food, drug and economic plants; a focus on First Nations' uses of plants in addition to plant-human interactions in other world cultures; a multidisciplinary approach involving botany, biochemistry, pharmacology, anthropology, sociology, ethnology and spirituality. *Offered in 2004-2005.*

**BIOL 3596 Ornithology**

Prerequisite: BIOL 2837

Hours: Three hours of lecture and three hours of laboratory work per week for one term.

Credits: 3

This course is an introduction to the biology of birds with emphasis on the anatomy, physiology, reproductive behaviour and ecology of the principal avian families. Field identification, distribution, migration and census techniques will be covered with reference to Ontario species. *Offered in 2004-2005.*

**BIOL 3717 Animal Behaviour**

Prerequisite: Restricted to students in the third or fourth year of a Bachelor of Science degree.

Anti-requisite: BIOL 4717

Hours: Three hours of lecture per week for one term.

Credits: 3

This course is an introduction to the study of animal behaviour with emphasis on the ethological approach. This course may be credited towards Psychology. *Offered in Spring 2004.*

**BIOL 4107 Freshwater Biology**

Prerequisite: Restricted to students in the third or fourth year of the Honours Biology or Environmental Biology and Technology program.

Hours: Three hours of lecture per week for one term.

Credits: 3

Students will survey major taxonomic groups of aquatic organisms and study morphological and physiological adaptations that allow aquatic biota to occupy dilute and dynamic freshwater habitats. Although emphasis will be placed on locally indigenous species, globally significant freshwater issues will be discussed. These topics include the effects of water pollution on freshwater biota, freshwater distribution and abundance, and the future of freshwater. *Offered in 2004-2005.*

**BIOL 4336 Biogeochemistry I**

Prerequisite: CHEM 1005

Restricted to students in the Biology, Environmental Biology, and Environmental Science and Physical Geography majors.

Anti-requisite: GEOG 4336

Hours: Three hours of lecture and lab per week for one term.

Credits: 3

This theoretical course will investigate the biological, geological and chemical processes that influence nutrient and water cycling in natural ecosystems, with particular reference to the Boreal and Great Lakes / St. Lawrence Watersheds. Water and nutrient balances will be constructed for selected ecosystems and this information will be used to determine processes (both external and internal) that affect biogeochemistry. The course will consist of lectures, field trips and analysis of large data sets. The application and development of biogeochemical models will also be discussed. *Offered in 2004-2005.*

**BIOL 4337 Biogeochemistry II**

Prerequisite: BIOL 4336 or GEOG 4336

Restricted to students in the Biology, Environmental Biology, and Environmental Science and Physical Geography majors.

Anti-requisite: GEOG 4337

Hours: Three hours of lecture and lab per week for one term.

Credits: 3

This applied course will investigate the techniques associated with the study of the biological, geological and chemical processes that influence nutrient and water cycling in natural ecosystems with particular reference to the Boreal and Great Lakes / St. Lawrence Watersheds. The course will consist of lectures and tutorials as well as lab instruction and analysis. *Offered in 2004-2005.*

**BIOL 4397 Soil Biology and Soil Chemistry**

Prerequisite: BIOL 3397 or GEOG 3397 or GEOL 3397 or permission of the instructor.  
 Anti-requisite: GEOG 4397  
 Hours: Three hours of lecture and three hours of laboratory work per week for one term.  
 Credits: 3

The course is a continuation of soil science topics introduced in BIOL 3397 with particular emphasis on the soil as a biotic environment. Special attention is given to the biological and chemical properties of soils and the taxonomy and interactions of soils, soil organisms and clay minerals. The importance of the soil solution and plant-soil relationships is also stressed. Labs demonstrate a variety of scientific methods for investigating the soil biota, analysing the colloidal organic and clay mineral fractions, and testing the chemical properties of the soil solution. *Offered periodically.*

**BIOL 4506 Special Topics in Applied Ecology**

Prerequisite: Restricted to students in the third or fourth year of the Honours Biology or Environmental Biology and Technology programs.  
 Hours: Three hours of lecture per week for one term.  
 Credits: 3

This lecture/seminar course will examine a specific topic or theme in applied ecology (e.g. restoration ecology, forest ecology, or global environment change), with an emphasis on relating ecological and management issues. *Offered in 2004-2005.*

**BIOL 4557 Developmental and Behavioural Genetics**

Prerequisite: BIOL 1007  
 Hours: Three hours of lecture per week for one term.  
 Credits: 3

This course focuses on the genetics and molecular biology of development and behaviour in higher organisms. We will examine the molecular processes by which genes govern the development of a complex, multi-cellular organism from a single-cell zygote, considering such topics as morphogenesis, pattern formation, cellular differentiation, cell communication, establishment of neural networks, and neural plasticity. Insight will be drawn from studies of model organisms such as *C. elegans*, *Drosophila*, *Arabidopsis*, the zebrafish, and the mouse. We will also consider the molecular basis of behaviour, beginning with simple, well-defined paradigms such as locomotion and olfaction, and expanding the scope to discuss the possible role of genes in complex human traits such as intelligence, learning and memory, and social and sexual behaviour. Students will be encouraged to consider the ethical implications of research in such areas. This course may be credited towards Psychology.

**BIOL 4607 Environmental Biology Seminar**

Prerequisite: Restricted to students in the third or fourth year of the Honours Biology or Environmental Biology and Technology programs.  
 Hours: Three hours of lecture per week for one term.  
 Credits: 3

In this seminar course, students will critically evaluate topics in environmental biology and ecology from the current research literature, and present seminars on their preliminary honours thesis results as well as on topics outside their thesis area. *Offered in 2004-2005.*

**BIOL 4976 Biology Field Camp**

Prerequisite: Restricted to students in the third or fourth year of the Honours Biology or Environmental Biology and Technology programs.  
 Credits: 3

This course will consist of a one-week intensive field camp (held immediately prior to the fall session or during the spring or summer session) designed to familiarize students with organisms and environments. Emphasis will be placed on survey and sampling techniques. Materials and data collected in the field will be identified, analysed and used to develop a major report and presentation later in the term. The location and main theme of each camp (e.g. terrestrial or freshwater ecology) may vary with the instructor. Each student will be required to pay the costs of transportation, accommodation and meals associated with the field camp experience. *Offered in 2004-2005.*

**BIOL 4995 Thesis**

Prerequisite: Restricted to students in the fourth year of the Honours Biology or Environmental Biology and Technology programs. *Students planning to take this course during the following Spring/Summer or Fall/Winter session must apply in writing to the discipline no later than February 15.*  
 Hours: Three hours of lecture per week.  
 Credits: 6

With the approval of the discipline, the student will individually plan and conduct a field and/or laboratory research project under the supervision of an appropriate faculty member. The student will also be required to present a seminar on the research, and to write the project up in dissertation form. All research projects must be supervised or co-supervised by a full-time faculty member of the Biology Department. Student project proposals and final seminars will be reviewed or evaluated by Departmental Committee. *Offered every year.*

**BIOL 4997 Freshwater Biology Field Camp**

Prerequisite: Restricted to students in the third or fourth year of the Honours Biology or Environmental Biology and Technology programs.  
 Hours: Three hours of lecture per week for one term.  
 Credits: 3

This course offers students a one-week intensive, spring-time study of freshwater systems on the Nipissing University Alcan Environmental Research Preserve. Activities will include water and sediment sampling and analysis, aquatic community analyses, and instruction on study design and sampling methods. Data collected will be used to generate a major written report and public presentation. Each student will be required to pay the costs of transportation, accommodation, and meals associated with the field camp experience.

**Cross-Listed Courses**

The following courses may be credited towards Biology in a Liberal program, up to a maximum of nine credits: PSYC 2605, PSYC 2906, PSYC 2907 and PSYC 3506.

*For course descriptions in other disciplines, please see their respective sections of the calendar.*



## Business Administration

This program is part of the School of Business and Economics.

### Undergraduate Degree

- Bachelor of Business Administration (Honours)

To graduate with a Bachelor of Business Administration, students must complete 120 credits, including 60 credits of BBA core requirements as follows:

ADMN 1107	Introductory Financial Accounting II	3 cr.
ADMN 1136	Introduction to Organizational Behaviour	3 cr.
ADMN 1137	Management of Human Resources	3 cr.
ADMN 1607	Business Mathematics	3 cr.
ECON 1006	Introduction to Economics I	3 cr.
ECON 1007	Introduction to Economics II	3 cr.
MKTG 1126	Marketing Concepts	3 cr.
MKTG 1127	Marketing for Managers	3 cr.
ADMN 2136	Research in Management	3 cr.
ADMN 2146	Management Accounting and Control I	3 cr.
ADMN 2167	Business Decision Making	3 cr.
ADMN 2306	Business Ethics	3 cr.
ADMN 2606	Business Statistics	3 cr.
ECON 2106	Managerial Economics	3 cr.
ADMN 3046	Operations Management	3 cr.
ADMN 3116	Financial Management I	3 cr.
ADMN 3117	Financial Management II	3 cr.
TMGT 3856	Information Systems (formerly ADMN 3856)	3 cr.
ADMN 4606	Business Strategy and Policy I	3 cr.
ADMN 4607	Business Strategy and Policy II	3 cr.

Students without any prior background in accounting will be required to take ADMN 1106: Introductory Financial Accounting I in preparation for ADMN 1107.

*Students are limited to a maximum of 84 credits in a single discipline.*

#### Other Program Requirements

ADMN, ECON, MKTG, TMGT	6 cr.
Humanities, Science or Social Science	18 cr.
Electives	36 cr.

For complete Bachelor of Business Administration (Honours) degree requirements, please refer to that section of the Calendar.

### BBA Streams

Prior to commencing the second year of study, students must decide if they wish to graduate with either a BBA, or with a BBA that has a stream. This stream will be noted on the student's graduation diploma. Nipissing BBA students have a choice of specializing in either Accounting, Economics, Human Resource Management, Marketing or Technology Management.

Should students wish to specialize in one of the streams, they must complete a specific series of courses, chosen from the groups below, during their second, third and fourth years of study. Students are required to declare whether or not they will pursue a stream, prior to registering for their third year of studies. For each stream, there will be a faculty member responsible

for co-ordinating student intake, questions, and course-related concerns.

### Stream Co-ordinators

Accounting - J. Ryan  
Economics - C. Sarlo  
Human Resources Management - J. Knox  
Marketing - B. Riome  
Technology Management - D. Hemsworth

### Accounting Stream

In addition to the 12 credits of accounting in the core, students must complete 24 credits during their second, third and fourth years of study, as follows:

ADMN 2106	Intermediate Accounting I	3 cr.
ADMN 2107	Intermediate Accounting II	3 cr.
ADMN 2147	Management Accounting and Control II	3 cr.

Fifteen credits from the following:

ADMN 4816	Personal Taxation	3 cr.
ADMN 4817	Corporate Taxation	3 cr.
ADMN 4827	Auditing	3 cr.
ADMN 4836	Advanced Accounting Topics I	3 cr.
ADMN 4837	Advanced Accounting Topics II	3 cr.
ADMN 4887	Advanced Management Accounting	3 cr.
ADMN 4926	Information Systems Auditing and Assurance	3 cr.
ADMN 4927	Advanced Auditing	3 cr.

Students intending to pursue an accounting designation are strongly advised to take ADMN 2106, ADMN 2107 and ADMN 2147 in their second year. Students should consult with the faculty co-ordinator regarding courses. If students are pursuing a professional accounting designation, they should ensure they are meeting the entrance requirements for the specific designation.

### Economics Stream

In addition to the nine credits of economics in the core, students must complete 21 credits in Economics during their second, third and fourth years of study, as follows:

ECON 2007	Labour Economics	3 cr.
ECON 2016	Intermediate Macroeconomics	3 cr.
ECON 2017	Money, Banking, and the Canadian Financial System	3 cr.

Twelve credits from the following:

ECON 3066	Principles and Concepts of Economic Development	3 cr.
ECON 3067	Problems and Policies of Economic Development	3 cr.
ECON 3086	The Economics of Income and Wealth	3 cr.
ECON 3087	Selected Canadian Economic Policy Issues	3 cr.
ECON 3126	Introduction to Econometrics	3 cr.
ECON 3127	International Finance	3 cr.
ECON 3226	International Economics	3 cr.

## Human Resources Management Stream

In addition to the six credits of human resources management in the core, students must complete 24 credits during their second, third and fourth years of study, as follows:

ADMN 2117	Industrial Relations	3 cr.
ADMN 3706	Organizational Structure and Design	3 cr.
ADMN 3836	Training and Development	3 cr.
ADMN 3837	Organizational Development and Change	3 cr.

Twelve credits from the following:

ADMN 3146	Compensation and Rewards	3 cr.
ADMN 3147	Occupational Health and Safety	3 cr.
ADMN 3246	Human Resources Research and Information Systems	3 cr.
ADMN 3247	Human Resources Planning	3 cr.
ADMN 4126	Management Skills	3 cr.
ADMN 4137	Current Issues in Management	3 cr.
ADMN 4145	Field Placement in HRM	6 cr.
ADMN 4206	International Management	3 cr.
ECON 2007	Labour Economics	3 cr.

## Marketing Stream

In addition to the six credits of marketing in the core, students must complete 18 credits during their second, third and fourth years of study, as follows:

MKTG 3126	Consumer Behaviour	3 cr.
MKTG 3426	Marketing Communications	3 cr.
MKTG 4406	Applied Marketing Management	3 cr.

Nine credits from the following:

MKTG 3417	International Marketing	3 cr.
MKTG 3436	Public and Non-profit Marketing	3 cr.
MKTG 3437	Product and Brand Management	3 cr.
MKTG 4426	Services Marketing Management	3 cr.
MKTG 4427	Business-to-Business Marketing	3 cr.

## Technology Management Stream

In addition to the three credits of technology management in the core, students must complete 27 credits during their second, third, and fourth years of study, as follows:

ADMN 3837	Organizational Development and Change	3 cr.
COSC 1557	Introduction to Computer Science	3 cr.
MATH 1056	Discrete Mathematics I	3 cr.
TMGT 2106	Systems Analysis and Design	3 cr.
TMGT 4006	Management of Innovation and Technology	3 cr.

Twelve credits from the following:

ADMN 3127	Accounting Information Systems	3 cr.
ADMN 4926	Information Systems Auditing and Assurance	3 cr.
COSC 1567	Programming in C++	3 cr.
COSC 2767	Object Oriented Programming	3 cr.
COSC 3606	Database Maintenance	3 cr.
COSC 3807	Project Management	3 cr.
TMGT 3006	Technology, Business and Society	3 cr.
TMGT 3017	Programming for Business	3 cr.

TMGT 3096	Field Placement in Technology Management	3 cr.
TMGT 3236	Networking in a Business Environment	3 cr.
TMGT 4126	E-Commerce (formerly TMGT 3126)	3 cr.
TMGT 4417	Current Trends in Technology Management	3 cr.

## Minor in Business Administration

A minor in Business Administration is available to students pursuing a major in another discipline. A minor consists of a minimum of 24 credits in the discipline. In Business Administration, the minor must consist of 24 credits in ADMN, ECON, MKTG and TMGT with at least six credits at the upper year level. Cross-coded and cross-listed courses may count towards the minor if they have not been used elsewhere to complete program requirements.

## Bachelor of Commerce (Financial Services)

The Bachelor of Commerce (Financial Services) is a degree completion program offered exclusively through distance education. The program is limited to individuals with financial services experience, and will build on specific courses that they have already completed from either a post-secondary institution or the Institute of Canadian Bankers. For complete information, contact the Program Administrator for the Centre for Continuing Business Education at [ccbe@nipissingu.ca](mailto:ccbe@nipissingu.ca) or 705-474-3450, extension 4219, or visit our website at [www.nipissingu.ca/ccbe](http://www.nipissingu.ca/ccbe).

## Professional Designations and Accreditation

### Accounting

Students interested in pursuing a career in Accounting may work toward any of three designations - Chartered Accountant (CA), Certified Management Accountant (CMA), and Certified General Accountant (CGA). All academic courses required for these designations may be completed at Nipissing University. Grade requirements and averages vary and students should consult specific literature for each designation. Upon graduation with a BBA degree, students will be required to gain practical work experience and successfully complete any other academic requirements of the respective Accounting body.

### Chartered Accountant (CA)

Chartered Accountants specialize in Financial Accounting, Auditing and Taxation, and in the provision of management advisory services to their clients. To be considered for the CA program, students must have a university degree and have completed courses specified by the Institute of Chartered Accountants of Ontario.

For complete details contact The Institute of Chartered Accountants of Ontario, 69 Bloor Street East, Toronto, Ontario, M4W 1B3. Telephone 1-800-387-0735. E-mail: [eduserv@icao.on.ca](mailto:eduserv@icao.on.ca). Web site: <http://www.icao.on.ca/>

### Certified Management Accountant (CMA)

Management Accountants specialize in the use of accounting information for decision-making purposes. The focus is upon the design and implementation of systems and processes to aid managers in their pursuit of optimal performance for their orga-

nizations. Entrance to the CMA program requires a university degree and the completion of courses specified by the Society.

For complete details contact The Society of Management Accountants of Ontario, 70 University Avenue, Suite 300, Toronto, Ontario, M5J 2M4. Telephone (416) 977-7741. E-mail: info@cma-ontario.org. Web site: <http://www.cma-ontario.org>

### **Certified General Accountant (CGA)**

CGAs are unique in that their education and training prepares them for the full spectrum of accounting tasks and responsibilities. As a result, CGAs occupy key accounting and financial management positions in business, industry and government. As well, CGAs in public practice are financial advisors and consultants to thousands of Canadian organizations and individuals, from coast-to-coast. To complete the requirements for the CGA designation, students must successfully complete a number of courses specified by the CGA Association.

For complete details contact the Certified General Accountants Association of Ontario, 240 Eglinton Avenue East, Toronto, Ontario M4P 1K8. Telephone: (416) 322-6520 or (613) 232-5363. Web site: <http://www.cga-ontario.org>

### **Human Resources Management**

(CHRM - CHRP)

Students interested in pursuing a career in human resources management may work toward the Human Resources Professionals Association of Ontario (HRPAO) certificate and/or designation while studying at Nipissing.

For complete details contact The Human Resources Professionals Association of Ontario, 2 Bloor Street West, Suite 1902, Toronto, Ontario, M4W 3E2. Telephone (416) 923-2324 or 1-800-387-1311. Web site: <http://www.hrpaoo.org>

### **Certified Professional Purchasers (CPP) Designation**

The Purchasing Management Association of Canada (PMAC) has a university-based accreditation program for business students. Students who wish to obtain their Certified Professional Purchaser (CPP) designation need to fulfill specific course and work experience requirements. Graduates from Nipissing's BBA degree program will be able to obtain advanced standing towards obtaining their CPP designation. After graduation, Nipissing BBA graduates would only need to take a few additional courses and complete the work requirement.

For further information, please contact The Registrar, Purchasing Management Association of Canada, 2 Carlton Street, Suite 1414, Toronto, Ontario, M5B 1J3. Telephone: (416) 977-7111 (ext. 133). Web site: <http://www.pmac.ca>

## **Administrative Studies Courses**

### **ADMN 1006 Personal Productivity**

Prerequisite: No prerequisite.

Credits: Non-Credit

This course is an independent learning course and will be graded on a pass/fail basis. Students will be exposed to the current Microsoft Office applications through the use of hands-on exercises. Students will learn the basic and intermediate skills of Word, Excel, PowerPoint and Access. Upon completion of this

course, students will have acquired the basic skills necessary to be successful in other courses and in their careers. This course will consist of independent learning modules using the Internet, CD and/or manual.

### **ADMN 1106 Introductory Financial Accounting I**

Prerequisite: No prerequisite.

This introductory course in financial accounting is intended for students with no OAC, BAT4M (Principles of Financial Accounting) or CAAT credit (or equivalent) in accounting. (Those having such a credit will not normally be permitted to enrol.)

Hours: Three hours of lecture per week for one term.

Credits: 3

The purpose of the course is to develop skills and knowledge necessary for the study of accounting at the university level. Students are introduced to the theoretical foundations of financial accounting and explore the practical tools required for the accumulation and dissemination of financial information for internal and external reporting, planning, control and decision-making. Topics include an in-depth study of double-entry book-keeping systems including adjustments and closing the accounts; preparation of working papers; preparation of financial statements; accounting for merchandising concerns, review of concepts related to internal controls; accounting for cash, receivables, inventories, and such other topics deemed appropriate by the instructor, as time permits. *Offered every year.*

### **ADMN 1107 Introductory Financial Accounting II**

Prerequisite: ADMN 1106 or an OAC, BAT4M (Principles of Financial Accounting) or CAAT credit in accounting (or equivalent)

Hours: Three hours of lecture per week for one term.

Credits: 3

This course is designed to introduce and explore the fundamental principles and theoretical concepts of financial accounting and the practical tools utilized in the implementation of this theoretical framework. The student will be introduced to theories and the underlying usefulness of financial statements. The goal is to provide participants with the necessary skills to be able to prepare an analysis of a set of financial statements and be aware of what the issues are and what information should be communicated to the various users. Further, students will gain an appreciation for issues and theories that must be considered in the specialized areas such as revenue recognition, statement of cash flows, inventories, reporting and analyzing tangible and intangible operational assets short and long-term debt, and equity accounts. The nature of the modern business corporation is examined in some detail particularly with a view to understanding the issues related to communicating significant financial information. The student's overall understanding of financial accounting is synthesized through extensive study of the statement of changes in financial position and financial statement analysis. *Offered every year.*

### **ADMN 1136 Introduction to Organizational Behaviour**

Prerequisite: No prerequisite.

Anti-requisite: PSYC 2306, PSYC 2307

Hours: One and one-half hours of lecture and one and one-half hours of laboratory work per week for one term.

Credits: 3

This course is designed to introduce students to a number of theoretical and practical aspects of human behaviour and management in work organizations. Organizational behaviour is explored from several interrelated levels of analysis: the overall

organization, the individual, groups, and interlinking processes. Topics covered include motivation, job design, leadership, organizational structure, and organizational change. *Offered every year.*

**ADMN 1137 Management of Human Resources (formerly ADMN 2137)**

Prerequisite: ADMN 1136

Anti-requisite: ADMN 2137

Hours: Three hours of lecture per week for one term.

Credits: 3

This course considers the concepts, practices and major functions of personnel management as they relate to overall organizational goals and planning of the organization. Topics include historical foundations, forecasting human resources needs, recruitment and selection, orientation, compensation, training and development, counselling, performance appraisal, and industrial relations. In addition, contemporary issues such as employment equity and affirmative action are discussed. *Offered every year.*

**ADMN 1156 Introductory Professional Skills and Processes**

Prerequisite: No prerequisite.

Students majoring in the Bachelor of Business Administration and the BA3 in Administrative Studies may not retain credit for ADMN 1156, if the course is taken after April 2003.

Hours: Three hours of lecture per week for one term.

Credits: 3

This course is designed for non-business majors as an introduction to the skills and processes used in the world of business. The course initially focuses on the customer/product (or service) proposition as the core of any business. With this concept firmly entrenched, students begin to look at the environment that a business must operate under from an economic, legal, ethical and e-commerce perspective and how the basic functional areas of business contribute. Finally, major trends that affect today's business climate are reviewed. *Offered in 2004-2005.*

**ADMN 1607 Business Mathematics (formerly ADMN 2607)**

Prerequisite: No prerequisite.

Anti-requisite: ADMN 2607 and ECON 1127 (formerly ECON 2127)

Hours: Three hours of lecture per week for one term.

Credits: 3

The course examines some basic mathematical principles and techniques and their application in economics. Topics include linear equations, systems of linear equations, mathematical functions, matrices, differential and integral calculus, optimization, mathematics of finance, linear programming, transportation models, and assignment models. *Offered every year.*

**ADMN 2106 Intermediate Accounting I**

Prerequisite: ADMN 1107

Anti-requisite: ADMN 2105

Hours: Three hours of lecture per week for one term.

Credits: 3

This course provides a detailed treatment of the concepts and procedures involved in corporate external reporting. The focus is on asset recognition and measurement. Specific topics include: cash, current receivables, inventory, capital assets and amortization and intangibles. Students will be exposed to current accounting issues through the use of lectures and cases. *Offered every year.*

**ADMN 2107 Intermediate Accounting II**

Prerequisite: ADMN 1107

Anti-requisite: ADMN 2105

Hours: Three hours of lecture per week for one term.

Credits: 3

This course provides a detailed treatment of the concepts and procedures involved in corporate external reporting. The focus of this course is on understanding some of the more complex areas of accounting and their impact on the user. Students are exposed to topics such as pensions, leases and corporate income taxes through lectures and case studies. *Offered every year.*

**ADMN 2116 Management of Financial Institutions**

Prerequisite: ADMN 1136

This course is currently restricted to students in the Bachelor of Commerce (Financial Services).

Credits: 3

The objective of this course is to develop an understanding of Canadian and international financial institutions. The regulatory and competitive environment in which these institutions exist will be explored. Among the institutions covered will be banks, trust companies, insurance companies, investment companies, financial planning companies and credit unions.

**ADMN 2117 Industrial Relations**

Prerequisite: ADMN 1136

Hours: One and one-half hours of lecture and one and one-half hours of laboratory work per week for one term.

Credits: 3

This course provides an introduction to the management of human resources in an environment in which all or some employees belong to an organized group, such as a union or association. Topics include the economic, political and social contexts of industrial relations, private/public sector legislation, the union certification process, the collective bargaining process, and the dispute resolution process. A required component of this course is attendance at a day-long simulation exercise on a Saturday. *Offered every year.*

**ADMN 2136 Research in Management (formerly ADMN 4136)**

Prerequisite: MKTG 1126 and ADMN 2606

Anti-requisite: ADMN 4136, PSYC 2126, PSYC 3125, SOCI 3125

Hours: Three hours of lecture per week for one term.

Credits: 3

This course is designed to provide the student with an understanding of qualitative and quantitative research methodologies that can be used in the study of work and management. The course covers experimental designs, field studies, questionnaire design, interview techniques, observation strategies, and ethical considerations. *Offered every year.*

**ADMN 2146 Management Accounting and Control I**

Prerequisite: ADMN 1107

Hours: Three hours of lecture per week for one term.

Credits: 3

This course introduces students to the uses and limitations of accounting information for management decision-making. Introduction to cost concepts and classification, activity based costing, product costing, overhead cost analysis, standards costs, variance analysis, contribution accounting, responsibility accounting and other related topics as time permits. *Offered every year.*

**ADMN 2147 Management Accounting and Control II**

Prerequisite: ADMN 2146

Hours: Three hours of lecture per week for one term.

Credits: 3

This course will explore the uses, limitations and methods of accounting information used in decision-making. Some topics introduced in ADMN 2146 will be explored in more detail as the basis for additional management concepts. Topics include joint costs, cost allocation, transfer pricing, decentralization and segment reporting, performance measurement, relevant costing, financial statement analysis, flexible budgeting and advanced capital budgeting techniques. *Offered every year.*

**ADMN 2167 Business Decision Making (formerly ADMN 1167)**

Prerequisite: ADMN 1107, ADMN 1137, ECON 1006, MKGT 1127

Anti-requisite: ADMN 1167

Hours: Three hours of lecture per week for one term.

Credits: 3

In this course, business decision making will be examined in the context of the main functional areas of business--accounting, finance, marketing, human resources, operations, information systems and general management. Classes and assignments will feature group discussion, case studies and the Internet. There will be an emphasis on working in teams, preparing formal presentations, learning how to plan and submit professional reports, and analyzing business situations from a multi-functional perspective. Throughout the course, software and other computer-based resources will be used to enhance the student's work and learning. *Offered every year.*

**ADMN 2306 Business Ethics**

Prerequisite: No prerequisite.

Hours: Three hours of lecture per week for one term.

Credits: 3

The role of decision-making in business is placed in the context of basic philosophical perspectives on ethical behaviour. Decision-making tools that reveal both ethical and profitable options are demonstrated, along with skills for formulating an organization's code of ethics. Topics such as downsizing, environmental abuse, community/societal responsibilities, government business relations, gender equality, the use of power, ethics in strategic planning, and cultural diversity are analysed and discussed from a managerial perspective. *Offered every year.*

**ADMN 2606 Business Statistics**

Prerequisite: No prerequisite.

A student in a degree program cannot retain credit for more than nine credits of introductory statistics courses.

Anti-requisite: ECON 2126

Hours: Three hours of lecture per week for one term.

Credits: 3

The course examines some basic statistical theories, concepts, methods and techniques, and their application in business. Topics include measures of central tendency and dispersion, probability theory, probability distributions, sampling, sampling distribution, estimation, hypothesis testing, correlation, and regression. The course also incorporates the use of a popular software program to generate statistical information for analysis and interpretation. *Offered every year.*

**ADMN 2616 Management Science**

Prerequisite: ADMN 1607

Hours: Three hours of lecture per week for one term.

Credits: 3

The course introduces students to quantitative techniques in management science. Topics include linear programming and sensitivity analysis, integer programming, transportation and assignment models, network models, waiting line analysis, simulation, decision analysis, Markov processes, and calculus-based solution procedures. The use of computer software packages for management science are examined as a tool in management decision-making, rather than on the underlying mathematical principles.

**ADMN 3046 Operations Management**

Prerequisite: ADMN 2606 and either ADMN 1607 or ADMN 2616

Hours: Three hours of lecture per week for one term.

Credits: 3

The nature and problems of production management are analysed. Students are introduced to the organization and administration of manufacturing activities and the formal organizational structure of factories. The fundamentals of the production process: the continuity of manufacturing process, the production cycle, time and capacity utilization, plant layout, organizational and economic aspects of the technical preparation of production: product design, manufacturing methods; time standards; production planning and control. Administration of service activities, inventory control, quality control, preventive maintenance, production budget, cost and investment analysis. *Offered every year. Also offered in Spring 2004.*

**ADMN 3116 Financial Management I**

Prerequisite: ADMN 1107 and ADMN 1607

Hours: Three hours of lecture per week for one term.

Credits: 3

A basic theoretical framework for decision-making in financial management. Emphasis in this course is on financial planning, control, working capital management, short and intermediate term financing. *Offered every year.*

**ADMN 3117 Financial Management II**

Prerequisite: ADMN 3116

Hours: Three hours of lecture per week for one term.

Credits: 3

This course covers the mathematics of capital. Topics include budgeting analysis, the capital structure of the firm, cost of capital, long-term financing, valuation of the firm and business failure. *Offered every year.*

**ADMN 3127 Accounting Information Systems**

Prerequisite: ADMN 1107

Hours: One and a half hours of lecture and one and a half hours of laboratory work per week for one term.

Credits: 3

This course will introduce the student to computerized accounting information systems and their role within modern profit and not-for-profit organizations. The course will focus on evaluating and using systems and software to provide the accounting and management information required by the various users. Theory will cover such topics as defining an accounting information system, current technology, documenting an information system, general controls over systems, and computer crime and ethics.

The student will have significant hands-on experience with using a computerized accounting system and will also be expected to evaluate and research others during the course. *Offered every year.*

#### **ADMN 3146 Compensation and Rewards**

Prerequisite: ADMN 1137

Hours: Three hours of lecture per week for one term.

Credits: 3

This course provides students with an understanding of the processes, issues, and techniques involved in developing and administering a compensation system. The course covers such topics as legislation, needs analysis, wage and salary administration, job evaluation techniques, employee benefits, and pay equity. *Offered in 2004-2005.*

#### **ADMN 3147 Occupational Health and Safety**

Prerequisite: ADMN 1137

Hours: Three hours of lecture per week for one term.

Credits: 3

This course introduces students to the broad and ever-changing field of occupational health and safety. The course will focus on the technical, legislative, political and personal issues associated with the effective management of occupational health and safety concerns in contemporary Canadian organizations. Major topics will include the Occupational Health and Safety Act, the Workplace Safety and Insurance Board, accident prevention programming, psychological health and stress. *Offered in 2004-2005.*

#### **ADMN 3246 Human Resources Research and Information Systems**

Prerequisite: ADMN 1137

Hours: Three hours of lecture per week for one term.

Credits: 3

Understanding computer technology, information generating systems and quantitative methodology have become essential tools in modern human resources management. This course will introduce students to the fast growing field of human resources information systems and include practice with major HRM information systems software packages.

#### **ADMN 3247 Human Resources Planning**

Prerequisite: ADMN 1137

Hours: Three hours of lecture per week for one term.

Credits: 3

This course provides an understanding of the essential elements of the human resources planning process in organizations. Students will acquire knowledge in analyzing, assessing and programming for human resource requirements of organizational business plans and strategies. Quantitative as well as qualitative concepts, approaches and techniques are emphasized. Topics will include forecasting, skills inventory, human resources data systems and creating human resource action plans. *Offered in 2004-2005.*

#### **ADMN 3306 Introduction to Small Business Administration**

Prerequisite: ADMN 2136

Anti-requisite: ADMN 4876

Hours: Three hours of lecture per week for one term.

Credits: 3

This course examines the many variables that need to be considered when planning for and/or managing a smaller business.

The unique characteristics and problems confronting small businesses and their staff are explored. Topics include small business trends in Canada; accounting, finance, personnel, marketing, production, and control in smaller businesses; planning systems, and information systems in smaller businesses. Examples from the retail, wholesale, service and manufacturing sectors are also studied. *Offered every year.*

#### **ADMN 3307 Gender and Diversity in Organizations**

Prerequisite: No prerequisite.

Hours: Three hours of lecture per week for one term.

Credits: 3

This course examines the effects gender and diversity have on the attitudes, behaviours, and treatment of individuals in organizations. In addition, organizational responses to gender and diversity issues are addressed. Women represent the largest workplace minority and the majority of diversity research has examined women's organizational experiences. By focusing on the growing participation of women in organizations, particularly women in management, the course explores the impact of changing demographics and patterns of workforce participation on organizations and personal well-being. The course also examines the effects that other, less well studied forms of diversity, including age, race, sexual orientation, and disability, have on individuals and their organizations. This course may be credited towards Gender Equality and Social Justice.

#### **ADMN 3506 Management of Not-for-Profit Organizations**

Prerequisite: Restricted to students in the 3rd year of the BA in Administrative Studies or the 3rd and 4th year of the BBA.

Anti-requisite: MKTG 3436

Hours: Three hours of lecture per week for one term.

Credits: 3

This course explores the key management issues facing the staff and Boards of NPOs from education, culture, community, health, recreation, commercial professional, government, and special-interest sectors. Key topics include the history and magnitude of the not-for-profit sector in Canada and the United States; board governance and structure; marketing, public relations, and cause-related promotion; budgeting and financial control systems; program and service evaluation processes; volunteer management and development; leadership and human resource management; developing and managing fund raising efforts; and innovation in NPOs.

#### **ADMN 3657 Management and Integration of New Technologies**

Prerequisite: ADMN 1107, ADMN 1137 and MKTG 1126

This course is currently restricted to students in the Bachelor of Commerce (Financial Services).

Credits: 3

This course will explore the acquisition, evaluation, implementation, and management of new information systems and related technologies. Information-based technologies (e.g., networks, Internet applications, communications systems, software) will be reviewed from both competitive and management perspectives.

#### **ADMN 3706 Organizational Structure and Design**

Prerequisite: ADMN 1137

Hours: Three hours of lecture per week for one term.

Credits: 3

This course assists students in understanding the formal and informal design and structure of organizations. A wide variety

of organizational types (large, small, private, public, franchise, multinational, etc.) are examined in detail, using contemporary Canadian organizations as case studies. *Offered every year.*

### **ADMN 3836 Training and Development**

Prerequisite: ADMN 1137

Hours: Three hours of lecture per week for one term.

Credits: 3

This course considers the role of training and development in organizations. Students become familiar with the manner in which training and development is part of the human resource system of an organization; with the psychology of the learning process on which training is partially based; with the basics of needs analysis, program design and program evaluation. *Offered every year.*

### **ADMN 3837 Organizational Development and Change**

Prerequisite: ADMN 1137

Hours: Three hours of lecture per week for one term.

Credits: 3

This course considers the challenge of developing and changing organizations. The course critically assesses various principles and techniques used by organizations in assessing the need for change, implementation of change programs, including resistance to change, and evaluation of change efforts. The course makes extensive use of case study materials. *Offered every year.*

### **ADMN 3907 Insurance and Risk Management**

Prerequisite: ADMN 2106 and ADMN 2606

This course is currently restricted to students in the Bachelor of Commerce (Financial Services).

Credits: 3

This course will address risk management in both a corporate and personal environment. Concepts considering the reduction and transfer of risk through life and liability insurance will be covered.

### **ADMN 3917 Creativity for Innovation**

Prerequisite: No prerequisite.

Hours: Three hours of lecture per week for one term.

Credits: 3

This course will expose students to processes related to developing creative skills and habits. The course will also show students how to apply these new skills, personally and in team situations, in order to help innovate, improve, better, implement, enhance, increase, or strengthen a product, service, opportunity, or person.

### **ADMN 4126 Management Skills**

Prerequisite: ADMN 1137

Hours: Three hours of lecture per week for one term.

Credits: 3

This is an advanced level course designed to explore human behaviour and the challenge it poses for the effective administration of organizations. Students learn to assess the impact of a wide range of administrative practices and principles and learn to apply principles to their own behaviour. The course is highly interactive and requires students to practice, and receive feedback on a wide range of communication activities, such as oral presentations during the class.

### **ADMN 4137 Current Issues in Management**

Prerequisite: ADMN 1137

Hours: Three hours of lecture per week for one term.

Credits: 3

This course is designed to provide an in-depth analysis of contemporary topics in the area of human resources management. The topics vary from year to year, and could include such topics as employment equity in the workplace, affirmative action in the workplace, new approaches to compensation management, personnel management in the small business, restructuring and personnel management in the multinational organization.

### **ADMN 4145 Field Placement in Human Resources Management**

Prerequisite: Permission of the instructor.

Approval of the School is required prior to registration. *All students wishing to take this course during the following spring/summer or fall/winter session must apply to the department no later than February 15.*

Credits: 6

This course involves a placement in the human resources area of an organization. Students are required to undertake a specific project with the organization and are required to write an in-depth report on the outcomes of the project. This course is open only to BBA students who are enrolled in the Human Resources Management stream. *Offered in 2004-2005.*

### **ADMN 4206 International Management**

Prerequisite: Restricted to students in the 3rd and 4th year of the BBA and students in the BComm.

Hours: Three hours of lecture per week for one term.

Credits: 3

This course focuses on the challenge of management in an international environment. The course aims to provide a general overview of the international business environment and the problems and challenges it presents. In addition, the course examines operational issues related to managing an organization with international interests, drawing on examples from both the private and public sectors. *Offered in 2004-2005.*

### **ADMN 4236 Accounting Theory and Integration**

Prerequisite: ADMN 2106, ADMN 2107 and ADMN 4827 or ADMN 4836, or permission of the instructor

Hours: Three hours of lecture per week for one term.

Credits: 3

This course studies the theoretical issues surrounding accounting and the CICA Handbook. The development of critical thinking, integration, issue identification and case writing skills are stressed. As this course integrates the knowledge learned from previous accounting, auditing and tax courses, it is designed specifically for students preparing to write their professional accounting exams (CA, CMA and CGA). *Offered in 2004-2005.*

### **ADMN 4335 Honours Thesis**

Prerequisite: ADMN 2136

For students in the Bachelor of Commerce (Financial Services), this course must be taken after all other courses in the program have been successfully completed. For students in the Bachelor of Business Administration, depending on the topic, this course may be credited towards any of the stream elective requirements. (This must be stipulated at the time of departmental approval.) *Students wishing to take this course during the following Spring/Summer or Fall/Winter Session*

*must apply in writing to the discipline no later than February 15.*  
Credits: 6

In this course you may undertake the research project outlined in ADMN 2136 Research in Management. This course is an individualized study course where the student will work on a one-to-one basis with a faculty advisor. *Offered every year.*

#### **ADMN 4336 Directed Studies**

Prerequisite: ADMN 2136

Restricted to students in the 3rd or 4th year and approval of the department is required prior to registration. For students in the Bachelor of Business Administration, depending on the topic, this course may be credited towards any of the stream elective requirements. (This must be stipulated at the time of departmental approval.) *Students wishing to take this course during the following Spring/Summer or Fall/Winter Session must apply in writing to the discipline no later than February 15.*  
Credits: 3

This course consists of an investigation of a research problem in business. Students are encouraged to isolate a research problem and to approach a potential faculty advisor during their third or fourth year. The faculty advisor supervises the project and provides advice, when requested, evaluates the student's performance in carrying out the research and evaluates the final paper, which is to be written in a style suitable for publication. *Offered every year.*

#### **ADMN 4606 Business Strategy and Policy I**

Prerequisite: Restricted to students in the 3rd and 4th year of the BBA and students in the BComm.

Hours: Three hours of lecture per week for one term.  
Credits: 3

The objective of this course is to introduce students to the areas of business policy and strategic planning. Through the use of cases, readings and lectures the course aims to provide an awareness of overall organizational goals, company capabilities and strategic environmental opportunities. *Offered every year.*

#### **ADMN 4607 Business Strategy and Policy II**

Prerequisite: ADMN 4606

Hours: Three hours of lecture per week for one term.  
Credits: 3

This course emphasizes strategy implementation as opposed to strategy formulation. Using techniques introduced in Business Strategy and Policy I, company wide objectives are established leading to the planning and implementation of departmental policies and activities. The challenges associated with implementing and consolidating firm-wide changes in direction and changes in departmental activities are explored from a variety of perspectives. Classes and assignments will feature group discussion, case studies and the submission of a major report. This course may be team-taught by faculty members in the School of Business and Economics. *Offered every year.*

#### **ADMN 4816 Personal Taxation**

Prerequisite: ADMN 1107

Hours: Three hours of lecture per week for one term.  
Credits: 3

This course is a study of the Federal Income Tax Act as it relates to individuals. The objectives are to explain the theoretical con-

cepts behind specific provisions of the law, to apply the law in practical problems and case settings, to interpret the law, taking into account the specific wording of the provisions, judicial decisions and Revenue Canada's position, and to introduce basic tax planning concepts through problem application. *Offered in 2004-2005.*

#### **ADMN 4817 Corporate Taxation**

Prerequisite: ADMN 4816

Hours: Three hours of lecture per week for one term.  
Credits: 3

This course is a study of the Federal Income Tax Act as it relates to corporations. The objectives are to explain the theoretical concepts behind specific provisions of the law, to apply the law in practical problems and case settings, to interpret the law, taking into account the specific wording of the provisions, judicial decisions and Revenue Canada's position, and to introduce basic tax planning concepts through problem application. *Offered in 2004-2005.*

#### **ADMN 4826 Operational Auditing**

Prerequisite: ADMN 2106 and ADMN 2107

Hours: Three hours of lecture per week for one term.  
Credits: 3

The primary concern of this course is with the duties of internal auditors. Internal auditing is an independent appraisal activity within an organization for the review of operations as a service to management. It is a managerial control which functions by measuring and evaluating the effectiveness of other controls. The conceptual knowledge and activities involved in achieving this objective are the subject of this course. Detailed knowledge of accounting and financial statement presentation are adequately covered in various accounting courses and need not be repeated here.

#### **ADMN 4827 Auditing**

Prerequisite: ADMN 1107

Hours: Three hours of lecture per week for one term.  
Credits: 3

This course begins by introducing the role of the auditor from both an internal and external view. Other major topics explored include internal controls, audit planning, fraud and forensic auditing. Students will be exposed to audit planning in detail in order to identify key issues and risks and design appropriate audit programs. Current audit software will be utilized where appropriate. *Offered in 2004-2005.*

#### **ADMN 4836 Advanced Accounting Topics I**

Prerequisite: ADMN 2106 and ADMN 2107

Must complete both with a minimum grade of 60%.  
Hours: Three hours of lecture per week for one term.  
Credits: 3

The major topics in this course include business combinations, long-term inter-corporate investments and the preparation of consolidated financial statements. Attention is also given to accounting for income taxes and to the translation of foreign currency transactions; and foreign currency financial statements. *Next offered in 2005-2006.*



**ADMN 4837 Advanced Accounting Topics II**

Prerequisite: ADMN 2106 and ADMN 2107

Must complete both with a minimum grade of 60%.

Hours: Three hours of lecture per week for one term.

Credits: 3

This course is designed to review current and emerging issues in accounting theory, such as environmental accounting, accounting for financial instruments and non-profit organizations. The process of standard setting and the development of GAAP are reviewed including recent Exposure Drafts, Research Studies and Emerging Issues Abstracts. Other topics include accounting for specific industries. *Next offered in 2005-2006.*

**ADMN 4866 Advanced Cost Accounting Topics I**

Prerequisite: ADMN 2146, ADMN 2147, ADMN 2606 and ADMN 2616

Hours: Three hours of lecture per week for one term.

Credits: 3

This course is designed to integrate quantitative techniques, such as linear programming, regression analysis, probability theory, decision tree, etc. with selected cost and management accounting topics, such as, cost-volume-profit analysis, capital budgeting variance analysis, etc. This course is aimed at decision-making under conditions of uncertainty and emphasizes the use of quantitative analysis extensively.

**ADMN 4887 Advanced Management Accounting Topics I**

Prerequisite: ADMN 2147

Hours: Three hours of lecture per week for one term.

Credits: 3

This course covers advanced topics in management accounting and explores the application of advanced management accounting techniques and analysis to the successful management of business enterprises. Topics include management decision-making for planning, control, and performance evaluation. *Offered in 2004-2005.*

**ADMN 4896 Current Topics in Administration I**

Prerequisite: Restricted to students in the 3rd and 4th year of the BBA and BA in Administrative Studies.

Hours: Three hours of lecture per week for one term.

Credits: 3

This course is offered in different areas each year, depending upon the interests of the students and faculty and is intended to cover areas not covered by other courses. It also offers a vehicle for an experimental trial run of a course before deciding to incorporate it in the regular course offerings. Topic: Project Management. *Offered in Spring 2004.*

**ADMN 4897 Current Topics in Administration II**

Prerequisite: Restricted to students in the 3rd and 4th year of the BBA and BA in Administrative Studies.

Hours: Three hours of lecture per week for one term.

Credits: 3

This course is offered in different areas each year, depending upon the interests of the students and faculty and is intended to cover areas not covered by other courses. It also offers a vehicle for an experimental trial-run of a course before deciding to incorporate it in the regular course offerings. Topic: Introduction to Intercultural Management. *Offered in Summer 2004.*

**ADMN 4915 Entrepreneurship (formerly ADMN 4916)**

Prerequisite: ADMN 1137, ADMN 2306, ADMN 2606, ADMN 3116, MKTG 1127 and 4th year of the BBA

Anti-requisite: ADMN 4916, SOCI 4126

Hours: Three hours of lecture per week.

Credits: 6

This course explores the processes involved in turning an idea into a feasible business opportunity. Students begin by generating and evaluating business ideas for new products and services. The next step requires the student to select a promising business idea that becomes the subject for a significant market research project to determine whether the idea delivers sufficient competitive advantage to proceed further. Promising ideas then are developed further into a sophisticated business plan that is ready for presentations to potential investors. Other topics covered include, assessing entrepreneurial potential, buying of professional services, buying of established ventures, franchising, protecting innovative ideas, and some of the typical challenges faced by beginning businesses.

**ADMN 4926 Information Systems Auditing and Assurance**

Prerequisite: ADMN 4827 or permission of the instructor

Hours: Three hours of lecture per week for one term.

Credits: 3

This course provides students with an understanding of how information systems impact the audit function. Students will explore topics such as statistical sampling and data extraction and analysis. There will also be discussions on emerging issues related to information technology and auditing. *Offered in 2004-2005.*

**ADMN 4927 Advanced Auditing**

Prerequisite: ADMN 2106 and ADMN 2107

Hours: Three hours of lecture per week for one term.

Credits: 3

This course is designed to provide the student with an understanding of advanced and current issues facing the auditing profession. Specific topics include: The completion of the audit process, professional codes of conduct, audit or pension plans, environmental auditing and the audit of small businesses. Students will be exposed to audit planning software where appropriate. *Offered in 2004-2005.*

**See Economics for Economics Courses.****Marketing Courses****MKTG 1126 Marketing Concepts (formerly ADMN 2126)**

Prerequisite: No prerequisite.

Anti-requisite: ADMN 2126

Hours: Three hours of lecture per week for one term.

Credits: 3

This course introduces students to the major concepts and foundations of the marketing discipline. Topics include market segmentation, positioning, forecasting, marketing information systems, product planning and development, product-mix strategies, pricing, distribution, and promotion. Instruction involves a combination of lecture, case study, and project-based formats. *Offered every year.*

**MKTG 1127 Marketing for Managers (formerly ADMN 2127)**

Prerequisite: MKTG 1126

Anti-requisite: ADMN 2127

Hours: Three hours of lecture per week for one term.

Credits: 3

This course examines new and existing total market and strategic planning processes. It builds on the techniques and concepts covered in MKTG 1126 and focuses primarily on developing comprehensive plans. Different types of national and international markets are examined with an emphasis on retail, service, and not-for-profit sectors. Case studies are the main focus of instruction. *Offered every year.*

**MKTG 3126 Consumer Behaviour**

Prerequisite: MKTG 1126

Anti-requisite: ADMN 3126

Hours: Three hours of lecture per week for one term.

Credits: 3

This course will explore the behaviour (primarily decision-making) of consumers of services and products in both retail and commercial applications. The role of the consumer in product/service marketplace will be considered including the complex system of human needs, attitudes, motivation, decisions and behaviour. *Offered in 2004-2005.*

**MKTG 3417 International Marketing**

Prerequisite: MKTG 1127 and MKTG 3126

Hours: Three hours of lecture per week for one term.

Credits: 3

This course acknowledges the growing importance of international markets to Canadian businesses. It identifies the strategies a Canadian firm can use to enter international markets, builds an understanding of how political, legal, and cultural issues can influence these strategies, and examines the debate of standardization versus localization of marketing strategies in international markets. Teaching methodology includes readings, cases and a group project.

**MKTG 3426 Marketing Communications**

Prerequisite: MKTG 1127

Hours: Three hours of lecture per week for one term.

Credits: 3

This course explores the wide range of communication tools available to organizations to inform customers about the relative value of products or services, including but not restricted to mass media advertising, promotions, merchandising, public relations, packaging, the internet and direct marketing. Communication tools are discussed in the context of building trust to facilitate ongoing exchange relationships, and special emphasis is placed on the integration of these various communication tools to achieve organizational objectives. A variety of teaching approaches is employed, including analysis of case studies, discussion of readings and invited guest participants. *Offered in 2004-2005.*

**MKTG 3436 Public & Non-profit Marketing**

Prerequisite: MKTG 1127 and MKTG 3126

Hours: Three hours of lecture per week for one term.

Credits: 3

This course provides an in depth examination of how the tools of marketing can be successfully applied to the public and non-

profit sectors. Special attention is given to defining marketing principles in the context of delivering products or services in the public or non-profit sectors, and then applying these principles in a number of case studies. A final project requires students to conduct a Marketing Audit of a public or non-profit organization, resulting in strategic recommendations to bring the organization closer to its goals and objectives. *Offered in 2004-2005.*

**MKTG 3437 Product and Brand Management**

Prerequisite: ADMN 2136

Hours: Three hours of lecture per week for one term.

Credits: 3

This course focuses on the role of products in the marketing mix, as well as the role of product managers. Topics include understanding the multidimensional nature of products (or services), creating new products, managing existing products and services, the product life cycle, and building brand value. *Offered in 2004-2005.*

**MKTG 4406 Applied Marketing Management**

Prerequisite: ADMN 2136 and MKTG 3426

Hours: Three hours of lecture per week for one term.

Credits: 3

This course is designed to expose students to the complexities of 'real world' marketing, as well as integrate all key aspects of marketing, including consumer behaviour, marketing research, and marketing communications. Given the strategic nature of marketing (and its impact on the entire organization), students are also required to integrate their general management skills by convincing senior management and the other organizational functions of the appropriateness of their strategic recommendations. Given the applied emphasis of this course, the teaching methodology will rely heavily upon case studies, and students will be required to conduct a Marketing Audit of a 'real world' organization. *Offered in 2004-2005.*

**MKTG 4426 Services Marketing Management**

Prerequisite: MKTG 1127 and MKTG 3126

Hours: Three hours of lecture per week for one term.

Credits: 3

This course examines the issues and opportunities associated with the management of services or 'intangible products'. Topics include the importance of the Services Sector to the Canadian economy (including business, government, and non-profit organizations), the linkage between Services Marketing and Operations and Human Resources, and critical forces impacting services marketing including government policies, social changes, business trends, advances in information technology, and internationalization and globalization. *Offered in 2004-2005.*

**MKTG 4427 Business-To-Business Marketing**

Prerequisite: MKTG 1127

Hours: Three hours of lecture per week for one term.

Credits: 3

This course is designed to provide an understanding of marketing to organizational buyers. Organizational buying decision processes will be studied with a view to the development of appropriate marketing strategies. Examination of the role of personal persuasion and effective management of a sales force will help students to become effective implementers of business to business marketing strategies.

## Technology Management Courses

### TMGT 2106 Systems Analysis and Design

Prerequisite: COSC 1557

Anti-requisite: COSC 2526

Hours: Three hours of lecture and/or lab per week for one term.

Credits: 3

The critical areas of system analysis and design are discussed in this course through an interactive mix of lectures, case studies and team work. The objective is to have students discuss and understand the issues surrounding the development of a system and to look at technology management issues and problems and design reasonable solutions to them. *Offered in 2004-2005.*

### TMGT 3006 Technology, Business and Society

Prerequisite: No prerequisite.

Anti-requisite: ADMN 2047

Hours: Three hours of lecture per week for one term.

Credits: 3

This course takes a macro view of how technology affects business and our society. Societal considerations that are discussed include, privacy issues, ethical issues, globalization and differing rates of usage of technology by the third world. Technological issues associated with the “wired world” and automation’s effects on the workplace and its impact on required productivity levels are also discussed. Finally, issues for individuals such as increased retraining requirements, increased worker mobility, questions about personal security, telecommuting and information overload are all considered. *Offered in 2004-2005.*

### TMGT 3017 Programming for Business

Prerequisite: COSC 1557

Anti-requisite: COSC 1566, COSC 1577, COSC 1587

Hours: Three hours of lecture and/or lab per week for one term.

Credits: 3

This course provides the students with insights into some popular programming languages. The intent of the course is not to make the student an expert in one particular type of program, but to enhance their understanding of how programming in general enables them to set and reach business goals. Choosing the right program, extracting information and other issues will be explored. A current programming language will be used to help reinforce these issues. *Offered in 2004-2005.*

### TMGT 3096 Field Placement in Technology Management

Prerequisite: ADMN 3837 and COSC 1557

Restricted to students in the third and fourth year of the BBA. Approval of the School is required prior to registration. *All students wishing to take this course during the following spring/summer or fall/winter session must apply to the department no later than February 15.*

Credits: 3

The course requires students to obtain employment for a continuous period of 12 weeks. Students will have the opportunity to apply their university knowledge to a real business experience. A significant academic report is due upon completion of the practicum. *Offered in 2004-2005.*

### TMGT 3236 Networking in a Business Environment

Prerequisite: COSC 1557

Anti-requisite: COSC 2657 and COSC 3656

Hours: Three hours of lecture and/or lab per week for one term.

Credits: 3

A foundation in networking concepts is an integral part of any course of study relating to technology. This course will introduce the students to networking hardware and software concepts and provides an understanding of how networking is done and put together in order to implement a system. This course will be a combination of lecture and lab. *Offered in 2004-2005.*

### TMGT 3856 Information Systems (formerly ADMN 3856)

Prerequisite: ADMN 2167

Restricted to students in 3rd or 4th year. ADMN 3116 is recommended. Students in the Business Information Systems major may not retain credit for this course.

Anti-requisite: ADMN 3856

Hours: Three hours of lecture per week for one term.

Credits: 3

This course explores the importance of timely and reliable internal and external information to management of both profit and not-for-profit sector organizations. Processes for evaluating and controlling information are explored. The evaluation and design of new and updated computer-based management information systems (MIS) are covered. Other major topics include feasibility studies, information systems analysis and design, data bases, networking, LANs, and information resource planning. The course looks at how information systems can be evaluated, designed, and modified in both smaller and larger organizations. A combination of cases, lectures, and hands-on applications comprises the main methods of instruction. *Offered every year.*

### TMGT 4006 Management of Innovation and Technology

Prerequisite: ADMN 3046, ADMN 3116 AND ADMN 3837

Anti-requisite: ADMN 3657

Hours: Three hours of lecture per week for one term.

Credits: 3

This course introduces future managers of innovation and technology to the unique issues that they will face. This course discusses the process of turning ideas into innovation, the strategic issues of technological leadership and followership and those all too common corporate practices that prevent ideas from becoming innovations. Among others, specific issues to be discussed will include knowledge management practices, project management theories, life cycle costing and lead user programs. Students will also be exposed to practical management tools that they can use to manage specific innovation and technological changes. *Offered in 2004-2005.*

### TMGT 4126 E-Commerce (formerly TMGT 3126)

Prerequisite: COSC 1557 and TMGT 3856 (formerly ADMN 3856)

Anti-requisite: ADMN 4896 (if taken prior to Fall 2003) and COSC 3497 and TMGT 3126

Hours: Three hours of lecture and/or lab per week for one term.

Credits: 3

Industry and the general public are embracing a new communications paradigm, called the Internet. Commercial use of the Internet has flourished at an unprecedented rate, creating a parallel need for knowledgeable graduates in the areas such as web

development. This course will cover the different topics associated with E-Commerce such as establishing an electronic commerce business on the web from both a theoretical and a practical view. Students will be exposed to hands-on experience in developing a web site and the issues that surround it such as start-up, creation and maintenance. *Offered in 2004-2005.*

#### **TMGT 4417 Current Trends in Technology Management**

Prerequisite: ADMN 2136 and TMGT 3006

Restricted to students in the third and fourth year of the BBA.

Approval of the School is required prior to registration. *Students wishing to take this course during the following Spring/Summer or Fall/Winter Session must apply in writing to the School no later than February 15.*

Credits: 3

The objective of this course is to allow those students interested in areas of technology to complete an in-depth research study. This course is dependent on a relevant research project and access to an appropriate faculty member.

*For courses in other disciplines, please see their respective sections of the calendar.*

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## Chemistry

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This discipline is not offered as a degree, but the courses in Chemistry may be credited as electives in any other degree program. Some Chemistry courses may be required in other programs.

### **Chemistry Courses**

#### **CHEM 1005 General Chemistry**

Prerequisite: OAC/4U Chemistry

Hours: Three hours of lecture and three hours of laboratory work per week.

Credits: 6

This introductory course examines the fundamental principles of physical, inorganic and organic chemistry with emphasis on the modern concepts that underlie the science of chemistry. *Offered every year.*

#### **CHEM 2046 Environmental Analytical Chemistry**

Prerequisite: CHEM 1005

This course is intended primarily for students in the Environmental Biology and Technology program.

Hours: Three hours of lecture per week for fourteen week term.

Credits: 3

The student will study the theory of environmental chemical analysis including sampling methods, chemical preparation of the sample, and the final analysis. Instrumental methods of analysis will be emphasized including spectroscopic methods (visible spectroscopy and atomic absorption) and electrochemical methods (pH and ion specific electrode, conductivity, and dissolved oxygen methods). Laboratory experiments involving these techniques will be done. *Offered in 2004-2005.*

#### **CHEM 2106 Analytical Chemistry I**

Prerequisite: CHEM 1005

Hours: Three hours of lecture and three hours of laboratory work per week per fourteen week term.

Credits: 3

The theory and techniques of acid-base analysis, precipitation and complexometric analysis and redox analysis will be studied. Laboratory experiments involving these techniques will be conducted. *Offered in 2004-2005.*

#### **CHEM 2206 Analytical Chemistry II**

Prerequisite: CHEM 2106

Anti-requisite: CHEM 2208

Hours: Three hours of lecture per week per fourteen week term.

Credits: 3

In this course, the student will study the theory of instrumental chemical analysis including optical methods (visible spectroscopy, atomic absorption and emission and fluorescence), chromatographic methods (gas chromatography, ion exchange, and column chromatography), and electrochemical methods (coulometric titration). *Offered in 2004-2005.*

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## Child and Family Studies

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This degree is available on the Muskoka campus only.

### Undergraduate Degree

•Bachelor of Arts (3-Year General)

### Bachelor of Arts (3-Year General) - Single Major

Students must complete 36 credits in the major as follows:

* CHFS 1005	Introduction to Child and Family Studies	6 cr.
PSYC 1106	Introduction to Psychology I	3 cr.
PSYC 1107	Introduction to Psychology II	3 cr.
SOCI 1015	Understanding Sociology	6 cr.
SWLF 1005	Introduction to Social Welfare	6 cr.
SOCI 2035	Sociology of the Family	6 cr.

#### Either:

PSYC 2006	Childhood Development	3 cr.
PSYC 2007	Adult Development	3 cr.

#### Or

PSYC 2020	Developmental Psychology for Educators	6 cr.
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In addition to the required courses, students must complete 18 credits from the following: 18 cr.

PSYC 2126	Scientific Method and Analysis I
PSYC 2127	Scientific Method and Analysis II
PSYC 3005	Personality and Adjustment
PSYC 3405	Psychology of Education
PSYC 3615	Psychological Disorders in Children
PSYC 3906	Special Topics in Psychology I
SOCI 2006	The Child and Society
SOCI 2007	The Adolescent and Society
SOCI 3125	Research Methods and Data Analysis
SOCI 2036	Introduction to Social Gerontology
SOCI 2095	Sociology of Education
SOCI 2506	Social Problems
SOCI 3186	Health and the Family
SWLF 2105	Social Welfare as a Social Institution
SWLF 3105	Social Policy
SWLF 3136	Social Welfare and Education
SWLF 3405	Concepts of Wellness in First Nations' Communities
SWLF 3445	Women and Social Welfare
SWLF 3805	Abuse and Violence in the Family
SWLF 3915	Special Topics in Social Welfare

\*Students must complete CHFS 1005 with a minimum grade of 60%.

Note: Students taking PSYC 2126 and PSYC 2127 cannot take SOCI 3125 for credit. Topics in all "Special Topics" courses must be integral to the discipline of Child and Family Studies.

### Other Program Requirements

Humanities	6 cr.
Science	6 cr.
Electives	24 cr.

For complete Bachelor of Arts (3-Year General) degree requirements, please refer to that section of the Calendar.

### Child and Family Studies Course

#### CHFS 1005 Introduction to Child and Family Studies

Prerequisite: No prerequisite.

Hours: Three hours of lecture per week.

Credits: 6

This course is designed to examine a broad range of topics in the area of child and family studies. It offers a multi-disciplinary approach to child development and the role of children in the family and society. Topics will include sociological approaches to the family with an emphasis placed on demographics, divorce, single parenting, marital adjustment, literacy, domestic violence, aging and social policy. There will also be an introduction to psychological theories of childhood - physical, emotional, cognitive and social development - and theories of childhood education. *Offered in 2004-2005 in Muskoka.*

*For course descriptions in other disciplines, please see their respective sections of the calendar.*

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## Classical Studies

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### Undergraduate Degree

- Bachelor of Arts (3-Year General)

### Bachelor of Arts (3-Year General) - Single Major

Students must complete 90 credits, including a minimum of 36 credits in Classical Studies as follows:

- |             |                              |        |
|-------------|------------------------------|--------|
| * CLAS 1005 | Greek and Roman Civilization | 6 cr.  |
| CLAS        | Additional courses           | 30 cr. |

\*Students must complete CLAS 1005 with a minimum grade of 60%.

ANTR 2025, HIST 2055 and PHIL 2305 may be counted towards a major in Classical Studies. A maximum of 12 credits of first year Classical Studies and a maximum of 12 credits of cross-listed courses may be applied to a major.

*Students are limited to a maximum of 54 credits in Classical Studies.*

#### Other Program Requirements

- |                 |        |
|-----------------|--------|
| Science         | 6 cr.  |
| Social Sciences | 6 cr.  |
| Electives       | 42 cr. |

For complete Bachelor of Arts (3-Year General) degree requirements, please refer to that section of the Calendar.

### Bachelor of Arts (3-Year General) - Combined Major

Students must complete 90 credits, including a minimum of 30 credits in Classical Studies and a minimum of 30 credits in another discipline. The second major must include all of the required courses specified for that discipline. The Classical Studies requirements are:

- |             |                              |        |
|-------------|------------------------------|--------|
| * CLAS 1005 | Greek and Roman Civilization | 6 cr.  |
| CLAS        | Additional courses           | 24 cr. |

\*Students must complete CLAS 1005 with a minimum grade of 60%.

ANTR 2025, HIST 2055 and PHIL 2305 may be counted towards a major in Classical Studies. A maximum of 12 credits of first year Classical studies and a maximum of 12 credits of cross-listed courses may be applied to a major.

*Students are limited to a maximum of 54 credits in Classical Studies.*

#### Other Program Requirements

- |                 |        |
|-----------------|--------|
| Major 2         | 30 cr. |
| Science         | 6 cr.  |
| Social Sciences | 6 cr.  |
| Electives       | 18 cr. |

For complete Bachelor of Arts (3-Year General) degree requirements, please refer to that section of the Calendar.

### Minor in Classical Studies

A minor in Classical Studies is available to students pursuing a major in another discipline. A minor consists of a minimum of 24 credits in a discipline, with at least six credits at the first year level and at least six credits at the upper year level. Cross-coded and cross-listed courses may count towards a minor if they have not been used elsewhere to complete program requirements. A minimum grade of 60 % is required in the introductory course(s) presented for the minor.

### Classical Studies Courses

#### CLAS 1005 Greek and Roman Civilization

Prerequisite: No prerequisite.

Hours: Three hours of lecture per week.

Credits: 6

The course introduces the student to classical culture and civilization. Ancient literature, religion, philosophy, art and architecture, social and political thought and classical influences on the course of western society are discussed. *Offered every year.*

#### CLAS 1105 Introductory Latin

Prerequisite: No prerequisite.

Hours: Three hours of lecture per week.

Credits: 6

This course presents the fundamentals of Latin for students with little or no previous knowledge of the language. After learning to read simplified adaptation, students will proceed to study the language from actual Latin literature. Emphasis is placed on the cultural and linguistic debt which the modern world owes to the ancient Romans. *Offered in 2004-2005.*

#### CLAS 1205 Introductory Greek

Prerequisite: No prerequisite.

Hours: Three hours of lecture per week.

Credits: 6

Fundamentals of grammar, syntax and etymology, for students with no or little knowledge of ancient Greek. Provides sufficient background to read Plato and Euripides as well as the New Testament.

#### CLAS 2005 Classical Mythology

Prerequisite: No prerequisite.

Restricted to upper level students.

Hours: Three hours of lecture per week.

Credits: 6

This course introduces the student to classical Greek and Roman myths in their historical, literary and religious contexts. The course is based partly on readings in English of excerpts from ancient writers and partly on archaeological evidence and modern representations of mythological themes. This course may be credited towards Religions and Cultures. *Offered in 2004-2005. Also offered in Muskoka in Summer 2004.*

**CLAS 2106 Greek Literature in Translation I**

Prerequisite: No prerequisite.  
 Anti-requisite: CLAS 2105  
 Hours: Three hours of lecture per week for one term.  
 Credits: 3

A study of Greek epic and lyric poetry in English translation. Students read *The Iliad* and *The Odyssey* of Homer, and a selection of lyric poems by authors from throughout ancient Greece. Special emphasis is given to the satirical poems of Archilochos, the love poems of Sappho, and the victory odes of Pindar. Students are introduced to Greek dramatic poetry through choral lyrics of Aeschylus. *Offered in 2004-2005.*

**CLAS 2107 Greek Literature in Translation II**

Prerequisite: CLAS 2106  
 Anti-requisite: CLAS 2105  
 Hours: Three hours of lecture per week for one term.  
 Credits: 3

A study in English translation of the dramatic poetry of ancient Athens. Students read tragedies by Aeschylus, Sophocles, and Euripides, as well as comedies by Aristophanes.

**CLAS 2115 Intermediate Latin**

Prerequisite: CLAS 1105  
 Hours: Three hours of lecture per week.  
 Credits: 6

This course continues and completes the studies of Latin syntax, vocabulary, and grammar which were begun in CLAS 1105 with further attention to cultural and historical aspects of the life and values of the Roman people. Students will read a variety of appropriate selections of Latin prose and verse from the Republican to the Silver Age. *Offered in 2004-2005.*

**CLAS 2206 Sport and Recreation in the Classical World**

Prerequisite: No prerequisite.  
 Restricted to upper level students.  
 Hours: Three hours of lecture per week for one term.  
 Credits: 3

The history of sport in Greece and Rome from Homer to the Caesars, with emphasis on its relationship to literature, religion, education and community life. Highlights include the Greek Olympic Games, the Roman gladiator combats and chariot racing, and comparison between ancient and modern sport and sporting values. *Offered in 2004-2005.*

**CLAS 2306 The Greek Historians**

Prerequisite: No prerequisite.  
 Anti-requisite: CLAS 2305  
 Hours: Three hours of lecture per week for one term.  
 Credits: 3

The historical aims and methods and the literary style of the ancient Greek Historians are studied in detail. This course includes an examination of the ancient historians' estimate of moral and social behaviour as this relates to the thought of the time. *Offered in 2004-2005.*

**CLAS 2307 The Roman Historians**

Prerequisite: No prerequisite.  
 Anti-requisite: CLAS 2305  
 Hours: Three hours of lecture per week for one term.  
 Credits: 3

The historical aims and methods and the literary style of the ancient Roman historians are studied in detail. The course includes an examination of the ancient historians' estimate of moral and social behaviour as this relates to the thought of the time. *Offered in 2004-2005.*

**CLAS 2406 Greek Military History**

Prerequisite: Any course in, or cross-listed with, Classical Studies.  
 Anti-requisite: CLAS 2405  
 Hours: Three hours of lecture per week for one term.  
 Credits: 3

This course will explore the development of the first modern armies. Through analyses of texts and ancient art, students examine the main elements of Greek military tradition and survey some of the key battles of the Greek period.

**CLAS 2407 Roman Military History**

Prerequisite: CLAS 2406  
 Anti-requisite: CLAS 2405  
 Hours: Three hours of lecture per week for one term.  
 Credits: 3

Through analyses of texts and ancient art students examine the main elements of Roman military tradition and survey some of the key battles of the Roman period. The technologies and tactics developed in the Roman era form many of the bases of modern warfare.

**CLAS 2506 Greek Art and Architecture**

Prerequisite: No prerequisite.  
 Anti-requisite: CLAS 2505  
 Hours: Three hours of lecture per week for one term.  
 Credits: 3

This course examines ancient Greek art and architecture based on archeological evidence and historical and literary records. This course may be credited towards Fine Arts. *Offered in Summer 2004.*

**CLAS 2507 Roman Art and Architecture**

Prerequisite: No prerequisite.  
 Anti-requisite: CLAS 2505  
 Hours: Three hours of lecture per week for one term.  
 Credits: 3

The course examines Roman art and architecture based on archeological evidence and historical records. This course may be credited towards Fine Arts. *Offered in Summer 2004.*

**CLAS 2705 Greek and Roman Theatre**

Prerequisite: No prerequisite.  
 Hours: Three hours of lecture per week.  
 Credits: 6

The theatre in antiquity was one of the central institutions of the society. This course will explore not only the physical structure of the buildings themselves, but will also focus on the role which the theatre played in the political, religious and cultural life of both Athens and Rome. Texts from the period will be sur-

veyed in order to shed light on the artistic production of the plays rather than on their literary significance.

### **CLAS 3096 Women in Classical Greece**

Prerequisite: GEND 1025 or any course in, or cross-listed with, Classical Studies.

Anti-requisite: CLAS 3095

Hours: Three hours of lecture per week for one term.

Credits: 3

Women in ancient Greece from the Bronze Age to the Hellenistic era are presented. Topics include the experience of women in Greek society, women in family law, feminine religious cults, and the portrayal of women in Greek visual arts. A wide variety of literary texts are examined to show the Classical roots of Western attitudes towards women. This course may be credited towards Gender Equality and Social Justice.

### **CLAS 3097 Women in Classical Rome**

Prerequisite: GEND 1025 or any course in, or cross-listed with, Classical Studies.

Anti-requisite: CLAS 3095

Hours: Three hours of lecture per week for one term.

Credits: 3

Women in ancient Rome from the Hellenistic Age to the later Roman empire are presented. Topics include the experience of women in Roman society, women in family law, feminine religious cults, and the portrayal of women in Roman visual arts. A wide variety of literary texts are examined to show the Classical roots of Western attitudes towards women. This course may be credited towards Gender Equality and Social Justice.

### **CLAS 3106 Roman Literature in Translation I**

Prerequisite: No prerequisite.

Anti-requisite: CLAS 3105

Hours: Three hours of lecture per week for one term.

Credits: 3

Major Latin authors from the beginnings of Roman Literature from the end of the Republican era are studied in detail. Genres include the comic drama of Plautus and Terence, the epic of Lucretius, the lyric poetry of Catullus and the patriotic prose of Cicero.

### **CLAS 3107 Roman Literature in Translation II**

Prerequisite: CLAS 3106

Anti-requisite: CLAS 3105

Hours: Three hours of lecture per week for one term.

Credits: 3

Major Latin authors from Augustan era to the Silver Age are studied in detail. A variety of poetic genres are illustrated in the writings of Horace, Virgil, Ovid, Juvenal and Seneca. Selections from Livy provide examples of Roman patriotic prose.

### **CLAS 3115 Intermediate Latin II**

Prerequisite: CLAS 2115

Hours: Three hours of lecture per week.

Credits: 6

This course provides a more advanced study of Latin syntax, vocabulary and grammar, continuing from CLAS 2115, with further emphasis on the reading of Latin authors.

### **CLAS 3305 Ancient Thought: From Myth to Argument**

Prerequisite: No prerequisite.

Hours: Three hours of lecture per week.

Credits: 6

This course examines the earliest ideas of Western civilization. Creation myths, floods myths, the myth of the hero, wisdom literature and the mysteries of death and the afterlife will be traced from their roots in the Ancient Near East to their later formulations in the Old Testament and Greek mythology. The course also explores the origins of civic, social, economic, and religious communities. All readings will be done in English or in English translation. This course may be credited towards Religions and Cultures. *Offered in 2004-2005.*

### **CLAS 3505 Directed Studies**

Prerequisite: Approval of the discipline is required prior to registration. *Students wishing to take this course during the following Spring/Summer or Fall/Winter Session must apply in writing to the discipline no later than February 15.*

Credits: 6

Qualified students may do special studies in Classics beyond or outside regular discipline offerings. The student's work is supervised by a faculty member. Written work and periodic discussions are required, as well as fieldwork, where specified. *Offered every year.*

### **Cross-Listed Courses**

The following courses may be credited towards Classical Studies: ANTR 2025, HIST 2055 and PHIL 2305.



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# Computer Science

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## Undergraduate Degrees

- Bachelor of Science (Honours)
- Bachelor of Science (3-Year General)
- Bachelor of Arts (3-Year General)

## Computer Science Courses

### Computer Science Core Group for Honours Programs

COSC 1557	Introduction to Computer Science
COSC 1567	Programming in C++
COSC 1757	Digital Systems
COSC 2006	Data Structures I
COSC 2106	Machine Structures I
COSC 2667	Operating Systems I
COSC 2767	Object Oriented Programming
COSC 3306	Programming Paradigms
COSC 3606	Databases & Data Management
COSC 3657	Distributed Systems
COSC 4206	Topics in Computer Science
COSC 4207	Seminars in Computer Science
COSC 4406	Software Engineering

### Computer Science Options for Honours Programs

COSC 2007	Data Structures II
COSC 2107	Machine Structures II
COSC 2116	Artificial Neural Networks
COSC 2206	Mathematical Computation
COSC 3006	Numerical Methods I
COSC 3007	Artificial Intelligence & Robotics
COSC 3206	Theory of Computation
COSC 3207	Computer Graphics
COSC 3307	3D Computer Graphics
COSC 3706	The Computing Profession
COSC 3807	Project Management
COSC 3997	Senior Practicum
COSC 4107	Interfacing & Communication
COSC 4127	Real-time Programming
COSC 4607	Security & Protection
COSC 4896	Honours Research I
COSC 4897	Honours Research II
COSC 4997	Honours Practicum

### Computer Science Core Group for General Programs

COSC 1557	Introduction to Computer Science
COSC 1567	Programming in C++
COSC 1757	Digital Systems
COSC 2006	Data Structures I
COSC 2106	Machine Structures I
COSC 2667	Operating Systems I
COSC 2767	Object Oriented Programming
COSC 3606	Databases & Data Management
COSC 3657	Distributed Systems
COSC 3997	Senior Practicum

### Computer Science Options for General Program

COSC 2007	Data Structures II
COSC 2107	Machine Structures II
COSC 2116	Artificial Neural Networks

COSC 2206	Mathematical Computation
COSC 3006	Numerical Methods I
COSC 3007	Artificial Intelligence & Robotics
COSC 3206	Theory of Computation
COSC 3207	Computer Graphics
COSC 3306	Programming Paradigms
COSC 3307	3D Computer Graphics
COSC 3706	The Computing Profession
COSC 3807	Project Management

## Bachelor of Science (Honours) - Single Major

Students must complete 120 credits including a minimum of 90 credits in Science (with a minimum of 66 credits in Computer Science), plus 30 additional credits as outlined below.

All of:

* Computer Science Core Group	39 cr.	
MATH 1035	Calculus	6 cr.
MATH 1046	Introductory Linear Algebra	3 cr.
* MATH 1056	Discrete Mathematics I	3 cr.
MATH 2046	Advanced Linear Algebra	3 cr.
MATH 2056	Discrete Mathematics II	3 cr.

Plus:

Computer Science Options	24 cr.
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Three credits of:	3 cr.
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COSC 4896	Honours Research I
COSC 4997	Honours Practicum

Six credits of:	6 cr.
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CHEM 1005	General Chemistry
PHYS 1005	General Physics

\*Students must complete COSC 1557 and MATH 1056 with a minimum grade of 60% in each.

*Students are limited to a maximum of 84 credits in a single discipline.*

### Other Program Requirements

Humanities	6 cr.
Social Sciences	6 cr.
Electives	18 cr.

For complete Bachelor of Science (Honours) degree requirements, please refer to that section of the Calendar.

## Bachelor of Science (Honours) - Combined Major in Computer Science and Mathematics

Students must complete 120 credits including a minimum of 90 credits in Science (with a minimum of 42 credits in each of Mathematics and Computer Science), plus 30 additional credits as outlined below.

* Core Mathematics Group	27 cr.
Mathematics Group I, II or III	12 cr.

MATH 4496	Research Project I	3 cr.
* COSC 1557	Introduction to Computing	3 cr.
COSC 1567	Programming in C++	3 cr.
COSC 1757	Digital Systems	3 cr.
COSC 2006	Data Structures I	3 cr.
COSC 2106	Machine Structures I	3 cr.
COSC 2667	Operating Systems I	3 cr.

Nine credits of: 9 cr.

COSC 2116	Artificial Neural Networks	
COSC 2206	Mathematical Computation	
COSC 3006	Numerical Methods I	
COSC 3007	Artificial Intelligence & Robotics	
COSC 3207	Computer Graphics	
COSC 3307	3D Computer Graphics	

Three credits of: 3 cr.

COSC 4206	Topics in Computer Science	
COSC 4207	Seminars in Computer Science	

Three credits of: 3 cr.

COSC 4896	Honours Research I	
COSC 4997	Honours Practicum	

Computer Science Core or Options 9 cr.

Six credits of: 6 cr.

CHEM 1005	General Chemistry	
PHYS 1005	General Physics	

\*Students must complete COSC 1557, MATH 1035, MATH 1046 and MATH 1056 with a minimum grade of 60% in each.

*Students are limited to a maximum of 84 credits in a single discipline.*

**Other Program Requirements**

Humanities	6 cr.
Social Sciences	6 cr.
Electives	18 cr.

For complete Bachelor of Science (Honours) degree requirements, please refer to that section of the Calendar.

### Bachelor of Science (3-Year General) - Single Major

Students must complete 90 credits including a minimum of 54 credits in Science (with a minimum of 36 credits in Computer Science), plus 36 additional credits as outlined below.

All of:

* Computer Science Core Group	30 cr.	
MATH 1035	Calculus	6 cr.
* MATH 1056	Discrete Mathematics I	3 cr.
MATH 2056	Discrete Mathematics II	3 cr.

Plus:

Computer Science Options	6 cr.
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Six credits of: 6 cr.

BIOL 1006	Introduction to Molecular and Cell Biology	
BIOL 1007	Introduction to Organismal and Evolutionary Biology	
CHEM 1005	General Chemistry	
GEOL 1005	General Geology	
PHYS 1005	General Physics	

\*Students must complete COSC 1557 and MATH 1056 with a minimum grade of 60% in each.

*Students are limited to a maximum of 54 credits in a single discipline.*

**Other Program Requirements**

Humanities	6 cr.
Social Sciences	6 cr.
Electives	24 cr.

For complete Bachelor of Science (3-Year General) degree requirements, please refer to that section of the Calendar.

### Bachelor of Science (3-Year General) - Combined Major in Computer Science and Mathematics

Students must complete 90 credits including a minimum of 66 credits in Science (with a minimum of 30 credits in each of Computer Science and Mathematics), plus 24 additional credits as outlined below.

All of:

* Computer Science Core Group	30 cr.
* Mathematics Core Group	27 cr.

Plus:

Mathematics Course Groups I, II or III	3 cr.
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Six credits of: 6 cr.

BIOL 1006	Introduction to Molecular and Cell Biology	
BIOL 1007	Introduction to Organismal and Evolutionary Biology	
CHEM 1005	General Chemistry	
GEOL 1005	General Geology	
PHYS 1005	General Physics	

\*Students must complete COSC 1557, MATH 1035, MATH 1046 and MATH 1056 with a minimum grade of 60% in each.

*Students are limited to a maximum of 54 credits in a single discipline.*

**Other Program Requirements**

Humanities	6 cr.
Social Sciences	6 cr.
Electives	12 cr.

For complete Bachelor of Science (3-Year General) degree requirements, please refer to that section of the Calendar.

## Bachelor of Arts (3-Year General) - Single Major

Students must complete 90 credits including a minimum of 36 credits in Computer Science, plus 54 additional credits as outlined below.

All of:

* Computer Science Core Group	30 cr.
MATH 1035 Calculus	6 cr.
* MATH 1056 Discrete Mathematics I	3 cr.
MATH 2056 Discrete Mathematics II	3 cr.

Plus:

Computer Science Options	6 cr.
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\*Students must complete COSC 1557 and MATH 1056 with a minimum grade of 60% in each.

*Students are limited to a maximum of 54 credits in a single discipline.*

### Other Program Requirements

Humanities	6 cr.
Social Sciences	6 cr.
Electives	30 cr.

For complete Bachelor of Arts (3-Year General) degree requirements, please refer to that section of the Calendar.

## Bachelor of Arts (3-Year General) - Combined Major

Students must complete 90 credits including a minimum of 30 credits in Computer Science and a minimum of 30 credits in another discipline, plus 30 additional credits as outlined below. The second major must include all of the required courses specified for that discipline.

All of:

* Computer Science Core Group	30 cr.
MATH 1035 Calculus	6 cr.
* MATH 1056 Discrete Mathematics I	3 cr.
MATH 2056 Discrete Mathematics II	3 cr.

\*Students must complete COSC 1557 and MATH 1056 with a minimum grade of 60% in each.

*Students are limited to a maximum of 54 credits in a single discipline.*

### Other Program Requirements

**Major 2	30 cr.
Humanities	6 cr.
Social Sciences	6 cr.
Electives	6 cr.

\*\*If the second major is Mathematics, students must complete only the balance of Mathematics credits required for the combined major.

For complete Bachelor of Arts (3-Year General) degree requirements, please refer to that section of the Calendar.

## Minor in Computer Science

A minor in Computer Science is available to students pursuing a major in another discipline. A minor consists of a minimum of 24 credits in a discipline. In Computer Science, the minor must consist of six credits at the first year level and 18 credits at the upper year level. Cross-coded and cross-listed courses may count towards a minor if they have not been used elsewhere to complete program requirements. A minimum grade of 60% is required in the introductory course(s) presented for the minor. COSC 1366, COSC 1606, COSC 1607, COSC 1656, COSC 1901, COSC 1902, COSC 2276, COSC 2657, and COSC 3656 may not be counted in the minor.

## Computer Science Courses

### COSC 1557 Introduction to Computer Science

Prerequisite: No prerequisite.

Hours: Three hours of lecture and one hour of laboratory work per week for one term.

Credits: 3

This course introduces problem analysis and structured program design. Control structures for conditional execution, repeated execution, subprograms and recursion are introduced. Representation of information, including homogeneous and non-homogeneous linear data structures and files, is investigated. *Offered every year.*

### COSC 1567 Programming in C++ (formerly COSC 2557)

Prerequisite: COSC 1557

Anti-requisite: COSC 2557

Hours: Three hours of lecture and one hour of laboratory work per week for one term.

Credits: 3

This course provides a comprehensive introduction to the C++ programming language, including functions, pointers, arrays, structures, dynamic memory allocation and object oriented programming. Various applications are also covered, including data bases, computer vision, image processing, artificial neural networks, and problem solving techniques in numerical methods. *Offered every year.*

### COSC 1606 Data Base Applications

Prerequisite: COSC 1901 or equivalent background knowledge acquired from secondary school, CAAT or other university courses.

COSC 1606 may not be credited towards a major or minor in Computer Science, or towards fulfillment of the six credit science breadth requirement in any program.

Anti-requisite: COSC 2276

Hours: Three hours of lecture per week for one term.

Credits: 3

This course introduces students to data base management systems. Students create data bases, query data bases, analyse the data, create and print out a variety of reports. Programming is included. Data files are imported and exported for use with other packages. Computer concepts are also an integral part of the course and provide students with a broad understanding of the computer and the variety of the applications in today's society. Advanced DOS exposes students to the optimal and creative use of microcomputer hardware and software.

**COSC 1607 Spreadsheet Applications**

Prerequisite: COSC 1901 or equivalent background knowledge acquired from secondary school, CAAT or other university courses.

COSC 1607 may not be credited towards a major or minor in Computer Science, or towards the fulfillment of the six credit science breadth requirement in any program.

Anti-requisite: COSC 1366

Hours: Three hours of lecture per week for one term.

Credits: 3

This course introduces students to spreadsheet packages. Students are taught how to create spreadsheets and to generate the what-if scenarios necessary for financial planning. Spreadsheets are integrated with other packages to export and import files between software packages. Graphical presentation of output is part of the instructions as well as programming using Macros. Computer concepts are also an integral part of the course and provide students with a broad understanding of the computer and the variety of applications in today's society. Advanced DOS exposes students to the optimal and creative use of micro-computer hardware and software.

**COSC 1757 Digital Systems (formerly COSC 2307)**

Prerequisite: MATH 1056

Anti-requisite: COSC 2307

Hours: Three hours of lecture per week for one term.

Credits: 3

This course will introduce the basics of digital system design. Topics include: number systems and Boolean Algebra; minimization of logic functions; integrated circuits; implementation of logic functions; design of combinational circuits, sequential devices and synchronous sequential circuits; counters, registers, memory devices, interfacing; processor design and microprogramming. *Offered every year.*

**COSC 1901 Computer Applications I**

Prerequisite: No prerequisite.

This course may not be credited towards a major or minor in Computer Science.

Hours: Three hours per week for one term.

Credits: 3

This course provides an introduction to the use of computer applications as tools for problem solving in an undergraduate context. A conceptual foundation in desktop computer hardware is established, leading into the use of the Windows operating system for file and storage management. Problem solving skills are acquired using a structured approach. To that end, text editors and browsers are introduced to design and code web documents using HTML. Numerical problem solving is taught using spreadsheets to organize, represent and manipulate data, including the use of statistical functions, conditional functions and charting as spreadsheet tools. A structured approach is also needed when presenting solution results in appropriate documents such as term papers and reports. Word processing software is introduced to a level that establishes the conceptual knowledge and skill required to efficiently create these important document types. *Offered every year. Also offered in Spring 2004.*

**COSC 1902 Computer Applications II**

Prerequisite: COSC 1901

This course may not be credited towards a major or minor in Computer Science.

Hours: Three hours per week for one term.

Credits: 3

A continuation of COSC 1901, this course further develops the student's knowledge of computer applications as problem solving tools. Hardware and software concepts are extended beyond the desktop to include local or wide area networks, and the internet. A significant element of this course is the addition of web page functionality through JavaScript programming. Data structures and portability are examined through the use of text and word processing software to create data sets suitable for use in a variety of software applications. Data importation and manipulation is examined through statistical analysis procedures, employing the SPSS application. The mechanics of keyword searching and data queries are also explored to enable the evaluation of data and internet resource subsets. Object linking and embedding is used to consolidate solution results from various applications into a final presentation document. *Offered every year. Also offered in Spring 2004.*

**COSC 2006 Data Structures I**

Prerequisite: COSC 1567 and MATH 1056

Hours: Three hours of lecture per week for one term.

Credits: 3

This course introduces students to abstract data structures. Topics include: lists, sets, stacks, trees and heaps; static and dynamic allocation, pointers; data access, searching and sorting; internal and external computer representation of data. *Offered every year.*

**COSC 2007 Data Structures II**

Prerequisite: COSC 2006

Hours: Three hours of lecture per week for one term.

Credits: 3

This course introduces data structures and their algorithms. Topics include: self-adjusting lists, binomial heaps, binary search trees, balanced trees, B-trees, and recursive programming. *Offered in 2004-2005.*

**COSC 2106 Machine Structures I**

Prerequisite: COSC 1557 and MATH 1056

Hours: Three hours of lecture per week for one term.

Credits: 3

This course introduces basic computer components and computer structured organization. Topics include: combinational circuits, sequential circuits, memories, microprocessors, interfacing; microprogramming, microarchitecture; machine language, addressing, instructions, computer arithmetic; introduction to operating systems; assembly language programming and assembly process. *Offered every year.*

**COSC 2107 Machine Structures II**

Prerequisite: COSC 2106

Hours: Three hours of lecture per week for one term.

Credits: 3

This course is the continuation of COSC 2106. Topics include: microprogrammed control, assembly language programming techniques, macroassemblers, conditional assembly, and practical applications of assembly language programming. *Next offered in 2005-2006.*

**COSC 2116 Artificial Neural Networks**

Prerequisite: COSC 1557 and MATH 1056

Hours: Three hours of lecture per week for one term.

Credits: 3

This course will introduce principles of Artificial Neural Networks (ANN) computing and its applications. The key models of ANN will be presented and analyzed. Multilayer feedforward networks and Hopfield networks, the principles of Boltzman machines, and supervised and unsupervised learning will be presented and discussed. Several applications of ANN will be analyzed, among them applications to mathematical logic, pattern and image recognition and system control. Students will create and analyze their own models of ANN. *Offered in 2004-2005.*

**COSC 2206 Mathematical Computation**

Prerequisite: COSC 1557 and MATH 1035

Hours: Three hours of lecture per week for one term.

Credits: 3

This course provides an introduction to MATLAB, MAPLE or other math computation software. Topics include: problem-solving techniques in several domains of mathematics - calculus, algebra, differential equations, and statistics; symbolic mathematics problem solving; applications to artificial intelligence and image and voice processing; analysis and simulation of dynamic linear and nonlinear systems; and several other practical applications. This course may be credited towards Mathematics. *Next offered in 2005-2006.*

**COSC 2667 Operating Systems I (formerly COSC 1657)**

Prerequisite: COSC 2006

Anti-requisite: COSC 1657

Hours: Three hours of lecture and two hours of laboratory work per week for one term.

Credits: 3

Operating systems are an essential part of any computer system. This course will provide students with the basic concepts of batch, time-sharing, multiprogramming and other operating systems. The students will examine the concepts of operating systems' structures, processes, threads, CPU scheduling, process synchronization, and storage management. Students will be exposed to the Unix-like and other operating system environments. *Offered every year.*

**COSC 2767 Object-Oriented Programming (formerly COSC 3557)**

Prerequisite: COSC 1567

Anti-requisite: COSC 3557

Hours: Three hours of lecture per week for one term.

Credits: 3

This course presents an introduction to programming in languages such as Java, Eiffel and Smalltalk, with emphasis on algorithm design. Topics include: object-oriented Java application programs, Java applets; graphical user interfaces; network communications; special applications of classes. *Offered every year.*

**COSC 3006 Numerical Methods I**

Prerequisite: COSC 1557 and MATH 2036

Hours: Three hours of lecture and one hour of lab/tutorial per week for one term.

Credits: 3

This course provides the mathematical background for numerical methods as well as a variety of computer applications in the

solution of practical problems. Topics covered include Taylor polynomials, computer representation of numbers, error computation, root-finding, interpolation and approximation methods, numerical differentiation and integration; the solution of systems of linear equations, and the numerical solution of differential equations. This course may be credited towards Mathematics. *Offered in 2004-2005.*

**COSC 3007 Artificial Intelligence and Robotics**

Prerequisite: COSC 1567, MATH 1035 and MATH 1056

Hours: Three hours of lecture per week for one term.

Credits: 3

This course introduces the history and applications of artificial intelligence. Topics include: state spaces and search strategies, machine learning, genetic algorithms, artificial neural networks; capabilities and limitations of artificial intelligence; applications in expert systems, natural languages, robotics, speech, and vision; interaction with an existing expert system; construction of a small expert system; using artificial neural networks to perform image recognition and system control. *Next offered in 2005-2006.*

**COSC 3206 Theory of Computation**

Prerequisite: COSC 2006

Hours: Three hours of lecture per week for one term.

Credits: 3

The course introduces the theory of computability, automata theory and formal languages. The topics include automata and regular, context-free and context-sensitive languages, general theory of computability including Turing machines, recursive functions, decidability and undecidability. Approaches to formal program semantics are presented and analyzed, leading to an introduction to formal program verification. *Next offered in 2005-2006.*

**COSC 3207 Computer Graphics**

Prerequisite: COSC 1557, MATH 1035 and MATH 1056

Hours: Three hours of lecture per week for one term.

Credits: 3

This course introduces the principles and methods of computer graphics and their applications. Topics include: PC video cards and storage; display devices; representing objects; raster algorithms for lines, circles and region filling; 2-D and 3-D graphics software; object transformations, fractal construction and animation software. *Next offered in 2005-2006.*

**COSC 3306 Programming Paradigms**

Prerequisite: COSC 2006 and COSC 2106

Hours: Three hours of lecture per week for one term.

Credits: 3

This course introduces the alternative programming paradigms and languages. Lecture topics include: overview of functional, logic, and object-oriented paradigms and languages, designing programs with these paradigms, advantages and disadvantages of alternative programming paradigms vs. procedural programming. Applications in AI, database and software design are introduced. *Offered in 2004-2005.*

**COSC 3307 3D Computer Graphics**

Prerequisite: COSC 3207

Hours: Three hours of lecture and one hour of laboratory work per week for one term.

Credits: 3

This course introduces the fundamentals of computer graphics in three dimensions, including 3D curves and surfaces, viewing in

three dimensions, three dimensional transforms, and elements of 3D vision and animation. *Offered in 2004-2005.*

### **COSC 3606 Databases & Data Management**

Prerequisite: COSC 1567

Hours: Three hours of lecture per week for one term.

Credits: 3

Introduction to database systems and management of large collections of data. Methods used for storage, selection, presentation and retrieval of data. Theory and analysis of relational, hierarchical and other database models. The design of database management systems. *Offered every year.*

### **COSC 3657 Distributed Systems**

Prerequisite: COSC 2667 (formerly COSC 1657) and COSC 2767 (formerly COSC 3557)

Anti-requisite: COSC 2657, COSC 3656

Hours: Two hours of lecture and two hours of laboratory work per week for one term.

Credits: 3

Introduction to computer networks and computer systems interconnected by networks, including both the hardware and software of selected LANs and WANs. The issues of reliable and secure communication, layered models, distributed file systems, and concurrency will be discussed. *Offered every year.*

### **COSC 3706 The Computing Profession**

Prerequisite: No prerequisite.

Hours: Three hours of lecture per week for one term.

Credits: 3

This course will introduce students to the social and legal issues of the computing profession. Topics include: licensing and copyrights; computer crimes and ethical issues; professional conduct. *Next offered in 2005-2006.*

### **COSC 3807 Project Management**

Prerequisite: Completion of the second year core courses in a Computer Science major.

Hours: Three hours of lecture per week for one term.

Credits: 3

This course introduces several aspects of project management in a variety of environments. Topics include: team project organization and accounting; resources and cost management; human factors; analysis, tools and document preparation; technological and safety standards; product testing, verification and validation; reducing PC/LAN costs in the enterprise; capital and administrative costs; technical support. *Next offered in 2005-2006.*

### **COSC 3997 Senior Practicum**

Prerequisite: Completion of at least 24 credits in Computer Science. *As departmental approval is required prior to registration, all students required or wishing to take this course during the following spring/summer or fall/winter session must apply to the department no later than 15 February.*

Credits: 3

In this course, the senior student works on an approved project, either while placed in a business enterprise/organization or supervised by a faculty member on campus. Projects may range from practical/experiential to theoretical, and the student is expected to successfully integrate theory and skills learned in the program. Evaluation of the student's final report and presentation is on a pass/fail basis. *Offered every year.*

### **COSC 4107 Interfacing and Communication**

Prerequisite: COSC 3657

Hours: Three hours of lecture per week for one term.

Credits: 3

This course introduces the fundamentals of input/output control. Techniques for interrupt handling are discussed. Course topics include input/output control methods, interrupts; interrupt acknowledgement; synchronization, Open loop, handshaking; communication protocols; external storage, physical organization and drives; user interfaces. *Offered in 2004-2005.*

### **COSC 4127 Real-time Programming**

Prerequisite: COSC 2106

Hours: Three hours of lecture and one hour of laboratory per week for one term.

Credits: 3

This course introduces the fundamentals of tools and techniques of real-time programming and computer system control. The course topics include microcomputer architecture, real-time programming language and operating system, data acquisition and communication, microprocessor and microcontroller applications, interfacing techniques. *Offered in 2004-2005.*

### **COSC 4206 Topics in Computer Science**

Prerequisite: Restricted to students in the fourth year of the Honours Computer Science program.

Hours: Three hours of lecture per week for one term.

Credits: 3

This course provides advanced coverage of particular topics in Computer Science. The content varies according to the specialization of the faculty teaching the course. *Offered every year.*

### **COSC 4207 Seminars in Computer Science**

Prerequisite: Restricted to students in the fourth year of the Honours Computer Science program.

Hours: Three hours of lecture per week for one term.

Credits: 3

This seminar course provides coverage of particular topics of current importance. Reading and research will be conducted in the areas of interest of students and faculty teaching the course. Students will present seminars and prepare essays. *Offered every year.*

### **COSC 4406 Software Engineering**

Prerequisite: COSC 2767 (formerly COSC 3557)

Hours: Three hours of lecture and one hour of laboratory per week for one term.

Credits: 3

This course introduces the principal paradigms that govern the design and implementation of large software systems. The course topics include: requirement analysis, functional/process oriented design, bottom-up design, support for reuse, implementation strategies, performance improvement, debugging, antibugging. *Next offered in 2005-2006.*

### **COSC 4607 Security and Protection**

Prerequisite: COSC 2106 and COSC 2667 (formerly COSC 1657)

Hours: Three hours of lecture per week for one term.

Credits: 3

This course introduces physical security, privacy, capabilities and access lists, authentication mechanisms and formalisms.

The course topics include: overview of system security, security methods and devices, memory protection, recovery management, secure operating systems, hardware/software redundancy. *Next offered in 2005-2006.*

### **COSC 4896 Honours Research I**

Prerequisite: Restricted to Honours computer science students. *As departmental approval is required prior to registration, all students wishing to take this course during the following spring/summer or fall/winter session must apply to the department no later than 15 February.*  
Credits: 3

An individualized studies course in which a senior student conducts research in a topic not specifically covered in other courses, under the supervision of a faculty member with expertise in that area. Each student will be required to make oral presentations on their work to faculty and students at several seminar sessions held for this purpose, and to submit a final report, written in the format of a journal article. *Offered every year.*

### **COSC 4897 Honours Research II**

Prerequisite: Restricted to Honours computer science students. *As departmental approval is required prior to registration, all students wishing to take this course during the following spring/summer or fall/winter session must apply to the department no later than February 15.*  
Credits: 3

An individualized studies course in which a senior student conducts research in a topic not specifically covered in other courses, under the supervision of a faculty member with expertise in that area. Each student will be required to make oral presentations on their work to faculty and students at several seminar sessions held for this purpose, and to submit a final report, written in the format of a journal article. *Offered every year.*

### **COSC 4997 Honours Practicum**

Prerequisite: Completion of at least 36 credits in Computer Science. *As departmental approval is required prior to registration, all students wishing to take this course during the following spring/summer or fall/winter session must apply to the department no later than February 15.*  
Credits: 3

In this course, the honours student works on an approved project, either while placed in a business enterprise/organization or supervised by a faculty member on campus. Projects may range from practical/experiential to theoretical, and the student is expected to successfully integrate theory and skills learned in the program. Evaluation of the student's final report and presentation is on a pass/fail basis. *Offered every year.*

## Criminal Justice

### **Undergraduate Degree**

•Bachelor of Arts (Honours)

### **Bachelor of Arts (Honours) - Single Major**

Students must complete 120 credits including the following courses:

* SOCI	1015	Understanding Sociology	6 cr.
* PSYC	1106	Introduction to Psychology I	3 cr.
* PSYC	1107	Introduction to Psychology II	3 cr.
CRJS	2206	An Introduction to Canadian Law	3 cr.
CRJS	3106	Forensic Psychology I	3 cr.
CRJS	3107	Forensic Psychology II	3 cr.
CRJS	3306	Legal Rights and Criminal Proceedings	3 cr.
CRJS	4467	Contemporary Research and Theory in Criminology	3 cr.
CRJS	4476	Senior Seminar in Criminal Justice Topics	3 cr.
SOCI	2086	Crime and Punishment I	3 cr.
SOCI	2087	Crime and Punishment II	3 cr.
SOCI	3085	Sociology of Law	6 cr.
* SOCI	3125	Research Methods and Data Analysis	6 cr.

\*Students must complete SOCI 1015, PSYC 1106, PSYC 1107 and SOCI 3125 with a minimum grade of 60% in each.

Students in the Criminal Justice major must complete 30 credits in one of the following streams in addition to the required courses listed above.

#### **Administration and Social Policy Stream 30 cr.**

Students must complete 30 credits from the following:

ADMN	1106	Introductory Financial Accounting
ADMN	1136	Introduction to Organizational Behaviour
ADMN	1137	Management of Human Resources
ADMN	1156	Introductory Professional Skills and Processes
ADMN	2117	Industrial Relations
ADMN	3147	Occupational Health & Safety
ADMN	3506	Management of Not-for-Profit Organizations
ADMN	3836	Training & Development
ADMN	3837	Organizational Development and Change
ADMN	4126	Management Skills
ADMN	4606	Business Strategy and Policy I
ADMN	4607	Business Strategy and Policy II
SWLF	1005	Introduction to Social Welfare
SWLF	2105	Social Welfare as a Social Institution
SWLF	3105	Social Policy
SWLF	3705	Law and Social Welfare
SWLF	3805	Abuse and Violence within the Family

#### **Corrections Stream\*\* 30 cr.**

Students must complete all of the following:

Correctional Programming I & II

Correctional Administration I & II  
 Group Dynamics II - Practice  
 First Nations / Diverse Client Groups  
 Young Offender System  
 Abnormal Psychology  
 Introduction to Counselling & Interviewing  
 Principles of Community Re-Integration  
 Field Workshops/Practicum  
 Field Placement

**Criminology Stream** 30 cr.

Students must complete 30 credits as follows:

Both of:

SOCI 2015 Classical Sociological Theories  
 CRJS 4466 Program and Policy Evaluation

And 21 credits from:

CRJS 3336 Women and the Criminal Justice System  
 CRJS 3926 Special Topics in Criminal Justice I  
 CRJS 3927 Special Topics in Criminal Justice II  
 CRJS 4305 Research Project in Criminal Justice  
 CRJS 4926 Advanced Topics in Criminal Justice I  
 CRJS 4927 Advanced Topics in Criminal Justice II  
 PSYC 3606 Psychopathology I  
 PSYC 3607 Psychopathology II  
 PSYC 3806 Introduction to Social Psychology  
 PSYC 3807 Applied Social Psychology  
 SOCI 2025 Industrial Sociology  
 SOCI 2035 Sociology of the Family  
 SOCI 2506 Social Problems  
 SOCI 3166 Social Epidemiology  
 SOCI 3205 Social Demography  
 SOCI 4015 Advanced Sociological Theories  
 SOCI 4025 Advanced Research Methods  
 SOCI 4126 Survey Research  
 SOCI 4127 Multivariate Statistics

**Policing Stream\*\*** 30 cr.

Students must complete all of the following:

Principles of Ethical Reasoning  
 Criminal Code I & II  
 First Nations / Diverse Client Groups  
 Young Offender System  
 Police Powers I & II  
 Community Policing  
 Traffic Management  
 Interviewing & Investigations I & II  
 Provincial Offences

\*\*The courses in the Corrections and Policing Streams are offered in collaboration with Canadore College.

*Students are limited to a maximum of 84 credits in a single discipline.*

**Other Program Requirements**

Humanities 6 cr.  
 Science 6 cr.  
 Electives 30 cr.

It is recommended that students in this program take ENGL 1501 Language and Written Communication.

For complete Bachelor of Arts (Honours) degree requirements, please refer to that section of the Calendar.

## Criminal Justice Courses

### CRJS 2206 An Introduction to Canadian Law (formerly JURI 2206)

Prerequisite: No prerequisite.

Restricted to upper year students.

Anti-requisite: JURI 2206

Hours: Three hours of lecture per week for one term.

Credits: 3

The purpose of this course is to introduce students to the basic structure of the common law. Topics include the structure of the courts, criminal law, the law of torts with emphasis on the law of negligence, the law of contract, and the law of property with emphasis on real property transactions. *Offered in 2004-2005.*

### CRJS 3106 Forensic Psychology I

Prerequisite: PSYC 1106 and PSYC 1107

It is strongly recommended that students have PSYC 2126 and PSYC 2127 or SOCI 3125 prior to taking CRJS 3106.

Anti-requisite: SOCI 4295 if taken in 2003-2004 and PSYC 3635.

Hours: Three hours of lecture per week for one term.

Credits: 3

An examination of the psychology of criminal conduct and the criminal justice system in Canada will be undertaken. The course will include definition and measurement of crime, evaluation of various theoretical perspectives, and prediction and classification of offenders. Particular emphasis will be placed on how theory and research drive assessment of risk. *Offered in 2004-2005. Also offered in Muskoka 2004-2005.*

### CRJS 3107 Forensic Psychology II

Prerequisite: CRJS 3106

It is strongly recommended that students have PSYC 2126 and PSYC 2127 or SOCI 3125 prior to taking CRJS 3106.

Anti-requisite: SOCI 4295 if taken in 2003-2004 and PSYC 3635.

Hours: Three hours of lecture per week for one term.

Credits: 3

This course will begin with an examination and evaluation of aspects of prevention and rehabilitation in the criminal justice system in Canada. In addition, specific groups of those in conflict with the law will be studied in order to highlight the heterogeneity of offenders. Topics of particular contemporary interest in the field (such as eyewitness testimony, self-injury and suicide, or alcohol and drug abuse) will be covered. *Offered in 2004-2005. Also offered in Muskoka 2004-2005.*

### CRJS 3306 Legal Rights and Criminal Proceedings (formerly JURI 3306)

Prerequisite: CRJS 2206

Anti-requisite: JURI 3306

Hours: Three hours of lecture per week for one term.

Credits: 3

This course focuses on the rights of the suspect, the accused and the convicted person in the criminal justice system and how these rights are protected at common law, by statute and under the Canadian Charter of Rights and Freedoms. The course also includes a consideration of criminal proceedings, police investigative procedures, the criminal trial, sentencing, and probation and parole. *Offered in 2004-2005.*



**CRJS 3336 Women and the Criminal Justice System**

Prerequisite: SOCI 2086 and SOCI 2087

Anti-requisite: SOCI 3927 if taken in 2003-2004.

Hours: Three hours of lecture per week for one term.

Credits: 3

The focus of this course will be on women who are in conflict with the law. Issues related to female offenders will be examined. Topics such as substance abuse, suicide, and self-injurious behaviour will be studied. In addition, some consideration to issues faced by women working within the criminal justice system, as well as those who are victims of crime will be included. This course may be credited toward Gender Equality and Social Justice and Sociology. *Offered in 2004-2005.*

**CRJS 3926 Selected Topics in Criminal Justice I (formerly SOCI 3926)**

Prerequisite: SOCI 2086 and SOCI 2087

Anti-requisite: SOCI 3926

Hours: Three hours of lecture per week for one term.

Credits: 3

This course will provide in-depth coverage of particular topics in criminology and criminal justice. The content varies according to the specialization of the faculty teaching the course. This course may be credited toward Sociology. Topic: Serial Homicide I. *Offered in 2004-2005. Also offered in Muskoka 2004-2005.*

**CRJS 3927 Selected Topics in Criminal Justice II (formerly SOCI 3927)**

Prerequisite: SOCI 2086 and SOCI 2087

Anti-requisite: SOCI 3927

Hours: Three hours of lecture per week for one term.

Credits: 3

This course will provide in-depth coverage of particular topics in criminology and criminal justice. The content varies according to the specialization of the faculty teaching the course. This course may be credited toward Sociology. Topic: Serial Homicide II. *Offered in 2004-2005. Also offered in Muskoka 2004-2005.*

**CRJS 4305 Research Project in Criminal Justice**

Prerequisite: Restricted to students in fourth year of the Honours Criminal Justice program, and approval of discipline is required prior to registration. *Students wishing to take this course during the following Spring/Summer or Fall/Winter Session must apply in writing to the discipline no later than February 15.*

Anti-requisite: SOCI 4095

Credits: 6

To fulfill the requirements of this course, the students must complete and report on a research project in criminal justice. Various forms of research, including surveys, experiments and quasi-experiments, evaluation research, interviews, secondary analysis of data, interviews, etc. may be proposed. The work is to be carried out under the supervision of a member of the discipline and may involve a public presentation of the findings.

**CRJS 4346 Field Placement (formerly SOCI 4346)**

Prerequisite: SOCI 2086 and SOCI 2087

Restricted to students in the fourth year of the Honours Criminal Justice program. *Students wishing to take this course during the following Spring/Summer or Fall/Winter Session must apply in writing to the discipline no later than February 15.*

Anti-requisite: SOCI 4346

Hours: A total of 96 hours of placement.

Credits: 3

This course is designed to provide students with on-the-job experience in the field of criminal justice - corrections, policing, the courts and community organizations. Students will meet with the course supervisor to review the student's work and career objectives, and arrangements will be made to contact suitable job placement employers. Students will be required to prepare a resume and undergo an interview by the employer offering the job placement. The course supervisor will regularly monitor each student's progress through meetings with the student and the job placement employer. Evaluation of the grade in the course will be based on completion of a minimum of 96 hours of work placement; submission by the student of a detailed report on the job placement; and assessments by the job placement employer and the course supervisor. *Offered every year.*

**CRJS 4466 Program and Policy Evaluation (formerly SOCI 4466)**

Prerequisite: SOCI 2086, SOCI 2087 and SOCI 3125

Anti-requisite: SOCI 4466

Hours: Three hours of lecture per week for one term.

Credits: 3

This course is designed to introduce students to applied program and policy evaluation. The social context within which evaluation takes place will be examined, and the practical and ethical problems associated with carrying out evaluation research will be discussed. The major methodological perspectives on evaluation research will be outlined, and the different types of evaluation research designs will be examined. The evaluation project-management process will be discussed, including planning, implementation, monitoring, preparing reports and utilization of research findings. The growing emphasis on program accountability in the private and public sectors, and the role of evaluation research in this process, will be examined. This course may be credited toward Sociology. *Offered in 2004-2005.*

**CRJS 4467 Contemporary Research and Theory in Criminology (formerly SOCI 4467)**

Prerequisite: SOCI 2086 and SOCI 2087

Anti-requisite: SOCI 4467

Hours: Three hours of lecture per week for one term.

Credits: 3

This course will build on the introductory material covered in SOCI 2086. The research and writing of the major figures in contemporary criminology and criminal justice will be examined and discussed. Application of contemporary theories and research to the analysis of the functioning of the major elements of the criminal justice enterprise, the police, the courts and corrections, will be emphasized. Selected topics, including the treatment of women, young offenders and First Nations peoples in the justice system, will be examined. *Offered every year.*

**CRJS 4476 Senior Seminar in Criminal Justice Topics (formerly SOCI 4476)**

Prerequisite: SOCI 2086 and SOCI 2087

Anti-requisite: SOCI 4295 (only if taken in 2001-2002) and SOCI 4476

Credits: 3

This course will build on the introductory material covered in SOCI 2087. Current issues and initiatives in each of the major components of the criminal justice system, the police courts, corrections and community organizations, will be examined in depth. The occupational and organizational features of the various criminal justice system components will be examined, and major challenges confronting the criminal justice system will be discussed. Criminal justice systems in other areas of the world will be compared and contrasted with the Canadian criminal justice system. *Offered every year.*

**CRJS 4926 Advanced Topics in Criminal Justice I**

Prerequisite: SOCI 2086 and SOCI 2087

Hours: Three hours of lecture per week for one term.

Credits: 3

This course will provide in-depth coverage of advanced-level topics in the field of criminal justice. The content varies according to the specialization of the faculty teaching the course. This course may be credited toward Sociology. Topic: Police Organization and Leadership *Offered in 2004-2005.*

**CRJS 4927 Advanced Topics in Criminal Justice II**

Prerequisite: SOCI 2086 and SOCI 2087

Hours: Three hours of lecture per week for one term.

Credits: 3

This course will provide in-depth coverage of advanced-level topics in the field of criminal justice. The content varies according to the specialization of the faculty teaching the course. This course may be credited toward Sociology. Topic: Crime Analysis. *Offered in 2004-2005.*

*For course descriptions in other disciplines, please see their respective sections of the calendar.*

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## Culture and the Arts

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**(Studies in Culture and the Arts)**

This degree is available on the Muskoka campus only.

**Undergraduate Degree**

•Bachelor of Arts (3-Year General)

**Bachelor of Arts (3-Year General) - Single Major**

Students must complete 90 credits including 54 credits in the major as follows:

* CULT	1005	Introduction to Studies in Culture and the Arts	6 cr.
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Thirty credits from the following courses, whose focus is on Culture:	30 cr.
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ENGL	1105	Introduction to English Studies
ENGL	2005	British Literature from the Medieval to the Modern Period
ENGL	2116	Texts and Intertexts I
ENGL	2117	Texts and Intertexts II
ENGL	2206	Gender, Literature and Culture I
ENGL	2207	Gender, Literature and Culture II
ENGL	2255	Canadian Literature from the Colonial to the Contemporary Period
ENGL	2265	American Literature from the Colonial to the Contemporary Period
ENGL	2275	Studies in the Native Literatures of North America
ENGL	2445	Children's Literature
ENGL	2535	Studies in Shakespeare
ENGL	2605	Cultural Studies
ENGL	3206	Special Topics in Women's Literature I
ENGL	3207	Special Topics in Women's Literature II
ENGL	3146	Studies in Postcolonial Literature I
ENGL	3147	Studies in Postcolonial Literature II
ENGL	3606	Studies in Popular Culture I
ENGL	3607	Studies in Popular Culture II
ENGL	3626	Studies in Collaboration I
ENGL	3627	Studies in Collaboration II

GEOG	1016	Introduction to Human Geography
GEOG	2215	Cultural and Social Geography

GEND	1025	Introduction to Gender Equality and Social Justice
GEND	2216	Gender, Culture and Textiles

** HIST	1205	Europe Since 1500
** HIST	1406	Canadian History: The Formative Years
** HIST	1407	Canadian History: The National Era
** HIST	1505	A History of the Modern World
HIST	3196	Canada in the Twentieth Century: Selected Problems
HIST	2236	Selected Topics in Women's History

NATI	1005	Madjitang, in the Beginning...An Introduction to Native Studies
NATI	2005	Native Kinships with Environment
NATI	3005	Native Spirituality and Religions
PHIL	1115	Introduction to Philosophy
PHIL	2305	Origins of Western Philosophy
PHIL	2525	Contemporary Moral Issues
PHIL	2705	Eastern Philosophy
PHIL	2905	Native Philosophy
PHIL	3305	Twentieth Century Western Philosophy
PHIL	3475	Existentialism
PHIL	3755	Themes in Social and Political Philosophy

Eighteen credits from the following courses, whose focus is on the Arts: 18 cr.

ENGL	2015	Theatre Production: Practice and Theory
ENGL	3516	Creative Writing: Poetry
ENGL	3517	Creative Writing: Prose Fiction

FILM	2166	Women, Media and Representation
FILM	2845	The Director's Cinema

FAVA	1026	Art Fundamentals I
FAVA	1027	Art Fundamentals II
FAVA	1206	Art History I
FAVA	1207	Art History II
FAVA	2006	Drawing I
FAVA	2007	Drawing II
FAVA	2026	Painting I
FAVA	2027	Painting II
FAVA	3376	Canadian Art History I
FAVA	3377	Canadian Art History II

GEND	2045	Women and Art History
GEND	2217	Gender and the Media: Themes and Controversies
GEND	2305	Women in Cinema

MUSC	2056	Music in Popular Culture I
MUSC	2057	Music in Popular Culture II

NATI	2025	Native Creativity and the Arts
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\*Students must complete CULT 1005 with a minimum grade of 60%.

\*\*Students are limited to a maximum of six credits of introductory History for this group.

*Students are limited to a maximum of 54 credits in a single discipline.*

### Other Program Requirements

Social Sciences	6 cr.
Science	6 cr.
Electives	24 cr.

For complete Bachelor Arts (3-Year General) degree requirements, please refer to that section of the Calendar.

## Culture and the Arts Course

### CULT 1005 Introduction to Studies in Culture and the Arts

Prerequisite: No prerequisite.

Hours: Three hours of lecture per week.

Credits: 6

This course is designed to provide students with an introduction to the study of culture. By investigating the nature and meaning of 'culture', and focusing on the different theoretical approaches and perspectives employed in the study of culture, the course gives students the necessary foundation to proceed with the study of various manifestations or forms of cultural expression. The course emphasizes that cultural expression is multi-faceted, and is revealed in a variety of ways, through ideas and practices, literary works, visual and performance arts, and the media (to name a few key avenues of expression). The course is also designed to facilitate an appreciation for the diversity of cultural expression, laying the foundation for the exploration of both western and non-western perspectives and practices. *Offered in 2004-2005 in Muskoka.*

*For course descriptions in other disciplines, please see their respective sections of the calendar.*

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## Economics

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This program is part of the School of Business and Economics.

### Undergraduate Degree

- Bachelor of Arts (3-Year General)

### Bachelor of Arts (3-Year General) - Single Major

Students must complete 90 credits including a minimum of 36 credits in Economics as follows:

* ECON 1006	Introduction to Economics I	3 cr.
* ECON 1007	Introduction to Economics II	3 cr.
ECON 1127	Introduction to Mathematics for Economists	3 cr.
ECON 2016	Intermediate Macroeconomic Theory	3 cr.
ECON 2106	Managerial Economics	3 cr.
ECON 2126	Elementary Statistical Methods for Economists	3 cr.
ECON upper level		18 cr.

\*Students must complete ECON 1006 and ECON 1007 with a minimum grade of 60% in each.

*Students are limited to a maximum of 54 credits in Economics.*

#### Other Program Requirements

Humanities	6 cr.
Science	6 cr.
Electives	42 cr.

For complete Bachelor of Arts (3-Year General) degree requirements, please refer to that section of the Calendar.

### Bachelor of Arts (3-Year General) - Combined Major

Students must complete 90 credits including a minimum of 30 credits in Economics and a minimum of 30 credits in another discipline. The second major must include all of the required courses specified for that discipline. The Economics requirements are:

* ECON 1006	Introduction to Economics I	3 cr.
* ECON 1007	Introduction to Economics II	3 cr.
ECON 1127	Introduction to Mathematics for Economists	3 cr.
ECON 2016	Intermediate Macroeconomic Theory	3 cr.
ECON 2106	Managerial Economics	3 cr.
ECON 2126	Elementary Statistical Methods for Economists	3 cr.
ECON upper level		12 cr.

\*Students must complete ECON 1006 and ECON 1007 with a minimum grade of 60% in each.

*Students are limited to a maximum of 54 credits in Economics.*

#### Other Program Requirements

Major 2	30 cr.
Humanities	6 cr.
Science	6 cr.
Electives	18 cr.

For complete Bachelor of Arts (3-Year General) degree requirements, please refer to that section of the Calendar.

### Minor in Economics

A minor in Economics is available to students pursuing a major in another discipline. A minor consists of a minimum of 24 credits in a discipline, with at least six credits at the first year level and at least six credits at the upper year level. Cross-coded and cross-listed courses may count towards a minor if they have not been used elsewhere to complete program requirements. A minimum grade of 60 % is required in the introductory course(s) presented for the minor.

### Economics Courses

#### ECON 1006 Introduction to Economics I

Prerequisite: No prerequisite.

Anti-requisite: ECON 1005

Hours: Three hours of lecture per week for one term.

Credits: 3

This course examines the principles of modern microeconomics. Elementary microeconomics including methodology, demand, supply, elasticity, consumer theory (including indifference analysis), theory of the firm and market structures, distributions theory, gains from trade, government, taxation and social policy are covered in this introductory course. *Offered every year.*

#### ECON 1007 Introduction to Economics II

Prerequisite: No prerequisite.

Anti-requisite: ECON 1005

Hours: Three hours of lecture per week for one term.

Credits: 3

The course examines the principles and methods of modern macroeconomics. Elementary macroeconomic topics including methodology of economic analysis, the overview of the price system, macroeconomic aggregates and their determination, simple equilibrium macroeconomic models, business cycles, fiscal and monetary policies, money and banking, inflation, unemployment, exchange rates, and balance of payments, are covered in the course. *Offered every year.*

#### ECON 1127 Introduction to Mathematics for Economists (formerly ECON 2127)

Prerequisite: No prerequisite.

Anti-requisite: ECON 2127, ADMN 1607 (formerly ADMN 2607)

Hours: Three hours of lecture per week for one term.

Credits: 3

The course examines some basic mathematical principles and techniques and their application in economics. Topics include linear equations, systems of linear equations, mathematical functions, matrices, differential and integral calculus, optimization, mathematics of finance, linear programming, transportation models, and assignment models. *Offered every year.*

**ECON 2006 Intermediate Microeconomic Theory**

Prerequisite: ECON 1006

Anti-requisite: ECON 2106

Hours: Three hours of lecture per week for one term.

Credits: 3

This course examines microeconomic theory with an emphasis on its relevance to business. Such topics as consumer theory and intertemporal demand, producer theory, market structures, game theory as applied to firms, general equilibrium, welfare and public goods are included.

**ECON 2007 Labour Economics**

Prerequisite: ECON 1006 and ECON 1007

Hours: Three hours of lecture per week for one term.

Credits: 3

This course examines labour market theories, trends, policies and analysis from a Canadian perspective. Such topics as historical background and trends, labour demand, labour supply, wage differentials, investment in human capital, age and gender discrimination, comparable worth and employment equity, labour laws, unions, social insurance and other applications are included. *Offered every year.*

**ECON 2016 Intermediate Macroeconomic Theory**

Prerequisite: ECON 1007

Hours: Three hours of lecture per week for one term.

Credits: 3

The course examines the structure and performance of the Canadian economy. Topics include the market for goods and services, the money market, fiscal and monetary policies, balance of payments, exchange rate, analysis of internal and external equilibria, aggregate demand, aggregate supply, determination of general price level, and the determination of national income, in closed and open economies. Keynesian and Classical models are studied. *Offered every year.*

**ECON 2017 Money, Banking and the Canadian Financial System**

Prerequisite: ECON 1006 and ECON 1007

Hours: Three hours of lecture per week for one term.

Credits: 3

The course examines theories in economics and finance and their application in the Canadian Financial System. It also looks at basic theories in monetary economics and international finance and the impact of domestic and foreign monetary policies on the Canadian economy. Topics include Canadian financial institutions, financial intermediaries, financial instruments, interest rates, money demand, money supply, financial asset pricing, risk management, exchange rate, balance of payments, central banking and monetary policy, and international financial institutions. *Offered every year.*

**ECON 2106 Managerial Economics**

Prerequisite: ECON 1006

Anti-requisite: ECON 2006

Hours: Three hours of lecture per week for one term.

Credits: 3

This course examines the central decision issues faced by managers and provides the economic analysis required to guide those decisions. Fundamentally, it is an application of economic theory to management problems using various methods including graphical, algebraic and statistical techniques as well as case

studies. Topics include: demand, elasticity, production, cost, profits, supply, market structures, forecasting and financial planning. *Offered every year.*

**ECON 2126 Elementary Statistical Methods for Economists**

Prerequisite: No prerequisite.

A student in a degree program cannot retain credit for more than nine credits of introductory statistics courses.

Anti-requisite: ADMN 2606

Hours: Three hours of lecture per week for one term.

Credits: 3

The course examines some basic statistical theories, concepts, methods and techniques, and their application in economics. Topics include measures of central tendency and dispersion, probability theory, probability distributions, sampling, sampling distribution, estimation, hypothesis testing, correlation, and regression. The course also incorporates the use of a popular software package to generate statistical information for analysis and interpretation. *Offered every year.*

**ECON 3066 Principles and Concepts of Economic Development**

Prerequisite: ECON 1006 and ECON 1007

Anti-requisite: ECON 3065

Hours: Three hours of lecture per week for one term.

Credits: 3

The course examines the concept and measurement of economic development and the theories of growth and development in the context of developing countries. Topics include the definition of economic development, characteristics of economic development, the evolution of development thoughts, and resources for economic development. *Offered every year.*

**ECON 3067 Problems and Policies of Economic Development**

Prerequisite: ECON 1006 and ECON 1007

Anti-requisite: ECON 3065

Hours: Three hours of lecture per week for one term.

Credits: 3

The course examines domestic and international problems and policies in economic development. Topics include economic growth, poverty and income distribution, population, migration, urbanization, technology, agriculture and rural development, the environment, education, health, international trade and finance, foreign aid, private foreign investment, and the debt crisis. *Offered every year.*

**ECON 3086 The Economics of Income and Wealth**

Prerequisite: ECON 1006 and ECON 1007

Anti-requisite: ECON 3085

Hours: Three hours of lecture per week for one term.

Credits: 3

This course examines the prevailing theories of income and wealth determination and presents information and evidence relating to those theories. Among the topics treated are: accuracy of income data, measures of poverty and inequality, measures of living standards, sources of wealth and wealth accumulation, issues and controversies relating to the above. *Offered every year.*

**ECON 3087 Selected Canadian Economic Policy Issues**

Prerequisite: ECON 1006 and ECON 1007

Anti-requisite: ECON 3085

Hours: Three hours of lecture per week for one term.

Credits: 3

This course is a critical examination of a selection of current Canadian policy issues. Socialist and libertarian approaches to policy will be developed and used as platforms for the critical evaluation of policies at both the federal and provincial levels. Among the policy issues expected to be examined include: Health care, deregulation, social assistance, pensions, employment insurance and the environment. *Offered in 2004-2005.*

**ECON 3126 Introduction to Econometrics**

Prerequisite: ECON 1006, ECON 1007, ECON 1127 or ADMN 1607, and ECON 2126 or ADMN 2606

Hours: Three hours of lecture per week for one term.

Credits: 3

The course examines the theory and empirical analysis of economic and financial models. Topics include specification and estimation of regression models, diagnostic analysis and interpretation of regression models, dummy variables, multicollinearity, auto-correlation, heteroscedasticity, model specification and testing, time series analysis and simultaneous equations models. The course incorporates the use of an econometric software in estimating and interpreting economic and financial models from economic and financial data sets.

**ECON 3127 International Financial Management**

Prerequisite: ECON 1006, ECON 1007 and ADMN 3116

Hours: Three hours of lecture per week for one term.

Credits: 3

The course applies theories in economics and finance to analyse problems and challenges that the international financial environment presents to financial managers. The management aspect of international financial corporations is emphasized. Topics include globalization and the multinational firm, the international monetary system, balance of payments, the market for exchange rates, international banking, equity markets, futures and options on foreign exchange, international portfolio management, foreign exchange management, foreign direct investment, international capital structure and the cost of capital, international capital budgeting, exports and imports, and international tax environment.

**ECON 3226 International Economics**

Prerequisite: ECON 1006 and ECON 1007

Hours: Three hours of lecture per week for one term.

Credits: 3

The course integrates economic theory and empirical evidence to analyse the operation of the international economy and the economic inter-dependence among nations. Topics include theories of international trade, exchange rate, balance of payments, the international financial markets, the international monetary system, international financial institutions and open economy macroeconomic policies. Canadian international economic policies and their impacts are discussed.

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## English Studies

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### Undergraduate Degrees

- Bachelor of Arts (Honours)
- Bachelor of Arts (3-Year General)

The English Studies Program allows students considerable freedom and flexibility in selecting their courses. Students contemplating graduate work in English are strongly advised to consult with the Department to ensure they have adequate coverage in the traditional periods of literary history. They are also encouraged to acquire a good reading knowledge of another language.

### English Studies Courses

#### Group 1: Literary History and Genre Studies

- \* ENGL 2055 Studies in Drama: Classical to Contemporary
- ENGL 2255 Canadian Literature from the Colonial to the Contemporary Period
- ENGL 2265 American Literature from the Colonial to the Contemporary Period
- \* ENGL 2535 Studies in Shakespeare
- \* ENGL 2536 Studies in Shakespeare I
- \* ENGL 2537 Studies in Shakespeare II
- \* ENGL 3045 Studies in Early Modern Literature
- \* ENGL 3095 Studies in Eighteenth-Century Literature
- \* ENGL 3136 Studies in Nineteenth-Century Literature I
- \* ENGL 3137 Studies in Nineteenth-Century Literature II
- \* ENGL 3175 Studies in Twentieth-Century Literature
- ENGL 3486 Studies in Genre I
- ENGL 3487 Studies in Genre II
- ENGL 3496 Studies in Genre III
- ENGL 3497 Studies in Genre IV
- \* ENGL 3505 Studies in Medieval Literature

\*British literary history. The content of the Genre courses is variable. To determine whether the content focuses on British literature, students should check the course descriptions each year and/or consult with the Department.

#### Group 2: Cultural and Media Studies

- ENGL 2116 Texts and Intertexts I
- ENGL 2117 Texts and Intertexts II
- ENGL 2206 Studies in Gender, Literature and Culture I
- ENGL 2207 Studies in Gender, Literature and Culture II
- ENGL 2275 Studies in the Native Literatures of North America
- ENGL 2445 Studies in Children's Literature
- ENGL 2605 Cultural Studies
- ENGL 3016 Studies in Marginalized Literatures I
- ENGL 3017 Studies in Marginalized Literatures II
- ENGL 3036 Studies in Media I
- ENGL 3037 Studies in Media II
- ENGL 3146 Studies in Postcolonial Literature I
- ENGL 3147 Studies in Postcolonial Literature II
- ENGL 3206 Special Topics in Women's Literature I
- ENGL 3207 Special Topics in Women's Literature II
- ENGL 3606 Studies in Popular Culture I
- ENGL 3607 Studies in Popular Culture II
- ENGL 3626 Studies in Collaboration I
- ENGL 3627 Studies in Collaboration II

Students may count up to six credits from the following list of courses toward their Group 2 requirements in an English Studies major:

GEND 2166	Women, Media and Representation
GEND 2217	Gender and the Media: Themes and Controversies
GEND 2305	Women in Cinema

### Group 3: Language and Rhetoric Studies

ENGL 2015	Theatre Production: Practice and Theory
ENGL 2025	Language and Rhetoric
ENGL 3026	Advanced Language and Rhetoric I
ENGL 3027	Advanced Language and Rhetoric II
ENGL 3126	Composition: Theory and Practice I
ENGL 3127	Composition: Theory and Practice II
ENGL 3515	Creative Writing
ENGL 3516	Creative Writing: Poetry
ENGL 3517	Creative Writing: Prose Fiction

### Honours Seminars:

ENGL 4686	Honours Seminar I
ENGL 4687	Honours Seminar II
ENGL 4786	Honours Seminar III
ENGL 4787	Honours Seminar IV

### Studies in Literary Theory and Criticism:

ENGL 4605	History and Theory of Literary Criticism
ENGL 4606	Studies in Literary Theory and Criticism I
ENGL 4607	Studies in Literary Theory and Criticism II
ENGL 4616	Studies in Literary Theory and Criticism III
ENGL 4617	Studies in Literary Theory and Criticism IV

Students may not credit the ENGL 1500 courses toward an English Studies major.

Depending on the topic of the Honours Seminars and ENGL 4695 Honours Essay, these courses may be credited toward Group 1, 2, or 3, as approved by the department.

## Bachelor of Arts (Honours) - Single Major

Students must complete 120 credits including a minimum of 66 credits in English as follows:

* ENGL 1105	Introduction to English Studies	6 cr.
* ENGL 2005	British Literature from the Medieval to the Modern Period	6 cr.
** ENGL Group 1		24 cr.
ENGL Group 2 and/or 3		18 cr.
ENGL Honours Seminars		6 cr.
ENGL Studies in Literary Theory and Criticism		6 cr.

\*Students must complete ENGL 1105 with a minimum grade of 60% and ENGL 2005 with a minimum grade of 65%.

\*\*At least 18 credits in Group 1 must be selected from courses in British literary history.

*Students are limited to a maximum of 84 credits in English Studies.*

### Other Program Requirements

Social Sciences	6 cr.
Science	6 cr.
Electives	42 cr.

For complete Bachelor of Arts (Honours) degree requirements, please refer to that section of the Calendar.

## Bachelor of Arts (Honours) - Combined Major

Students must complete 120 credits including a minimum of 42 credits in English and a minimum of 42 credits in another discipline. The second major must include all of the required courses specified for that discipline. The English requirements are as follows:

* ENGL 1105	Introduction to English Studies	6 cr.
* ENGL 2005	British Literature from the Medieval to the Modern Period	6 cr.
ENGL Group 1		12 cr.
ENGL Group 2 and/or 3		12 cr.
ENGL Honours Seminars and/or Studies in Literary Theory and Criticism		6 cr.

\*Students must complete ENGL 1105 with a minimum grade of 60% and ENGL 2005 with a minimum grade of 65%.

*Students are limited to a maximum of 84 credits in English Studies.*

### Other Program Requirements

Major 2	42 cr.
Social Sciences	6 cr.
Science	6 cr.
Electives	24 cr.

For complete Bachelor of Arts (Honours) degree requirements, please refer to that section of the Calendar.

## Bachelor of Arts (3-Year General) - Single Major

Students must complete 90 credits including a minimum of 36 credits in English:

* ENGL 1105	Introduction to English Studies	6 cr.
* ENGL 2005	British Literature from the Medieval to the Modern Period	6 cr.
** ENGL Upper Level		24 cr.

\*Students must complete ENGL 1105 and ENGL 2005 with a minimum grade of 60%.

\*\*At least six credits must be chosen from Group 1.

*Students are limited to a maximum of 54 credits in English Studies.*

### Other Program Requirements

Science	6 cr.
Social Sciences	6 cr.
Electives	42 cr.

For complete Bachelor of Arts (3-Year General) degree requirements, please refer to that section of the Calendar.

## Bachelor of Arts (3-Year General) - Combined Major

Students must complete 90 credits including a minimum of 30 credits in English and a minimum of 30 credits in another discipline. The second major must include all of the required courses specified for that discipline. The English requirements are:

* ENGL 1105	Introduction to English Studies	6 cr.
* ENGL 2005	British Literature from the Medieval to the Modern Period	6 cr.
	ENGL Upper Level	18 cr.

\*Students must complete ENGL 1105 and ENGL 2005 with a minimum grade of 60%.

*Students are limited to a maximum of 54 credits in English Studies.*

### Other Program Requirements

Major 2	30 cr.
Science	6 cr.
Social Sciences	6 cr.
Electives	18 cr.

For complete Bachelor of Arts (3-Year General) degree requirements, please refer to that section of the Calendar.

## Minor in English Studies

A minor in English Studies is available to students pursuing a major in another discipline. A minor consists of a minimum of 24 credits in a discipline, with at least six credits at the first year level and at least six credits at the upper year level. Cross-coded and cross-listed courses may count towards a minor if they have not been used elsewhere to complete program requirements. A minimum grade of 60 % is required in the introductory course(s) presented for the minor. Only English literature courses will be counted in the minor.

## English Studies Courses

### Language Courses

#### ENGL 1501 Language and Written Communication I

Prerequisite: No prerequisite.

This course may not be credited towards English Studies for a major, a minor, or a sequence in a Liberal program. Students may retain credit for no more than six credits of the following: ENGL 1501, ENGL 1502, ENGL 1551, ENGL 1552, ENGL 1560 and ADMN 1157.

Anti-requisite: ENGL 1551

Hours: Three hours of lecture per week for one term.

Credits: 3

This course gives practice in written English with particular emphasis on syntactical problems and practical training in the short essay. *Offered every year. Also offered in Spring and Summer 2004.*

#### ENGL 1502 Language and Written Communication II

Prerequisite: ENGL 1501

This course may not be credited towards English Studies for a major, a minor, or a sequence in Liberal program. Students may retain credit for no more than six credits of the following: ENGL 1501, ENGL 1502, ENGL 1551, ENGL 1552, ENGL 1560 and ADMN 1157.

Anti-requisite: ENGL 1552

Hours: Three hours of lecture per week for one term.

Credits: 3

This course continues the study of written English with particular emphasis on longer essays, methods of research, reports and research papers. *Offered every year.*

#### ENGL 1551 Language and Written Communication: English as a Second Language I

Prerequisite: No prerequisite.

This course may not be credited towards English Studies for a major, a minor, or a sequence in a Liberal program. Students may retain credit for no more than six credits of the following: ENGL 1501, ENGL 1502, ENGL 1551, ENGL 1552, ENGL 1560 and ADMN 1157.

Anti-requisite: ENGL 1501

Hours: Three hours of lecture per week for one term.

Credits: 3

This course is designed for students whose first language is not English. Practical training is given in the writing of sentences and paragraphs. Topics covered include the proper use of a dictionary, vocabulary, and common syntactical problems involving verb tenses and the use of prepositions. *Offered every year.*

#### ENGL 1552 Language and Written Communication: English as a Second Language II

Prerequisite: ENGL 1551

This course may not be credited towards English Studies for a major, a minor, or a sequence in a Liberal program. Students may retain credit for no more than six credits of the following: ENGL 1501, ENGL 1502, ENGL 1551, ENGL 1552, ENGL 1560 and ADMN 1157.

Anti-requisite: ENGL 1502

Hours: Three hours of lecture per week for one term.

Credits: 3

This course presents a further study of written English for the student whose first language is not English. Particular emphasis is placed on practical training in the writing of longer works (essays, reports and research papers). The study of English vocabulary and sentence structure initiated in ENGL 1551 is continued and extended. *Offered every year.*

### Literature Courses

#### ENGL 1105 Introduction to English Studies

Prerequisite: No prerequisite.

Hours: Two hours of lecture and one seminar hour per week.

Credits: 6

This course examines four major literary forms - short and long narrative, poetry and drama - through a series of readings selected from various literatures written in English (Canadian, American, British and other). Students are introduced to a variety of critical approaches, and are encouraged to develop a critical vocabulary and skills of literary analysis. This introduction to English Studies is taught by a collaborative teaching team of English Studies faculty. *Offered every year. Also offered in Muskoka in 2004-2005.*



**ENGL 2005 British Literature from the Medieval to the Modern Period**

Prerequisite: ENGL 1105

Anti-requisite: ENGL 1005

Hours: Two hours of lecture and one seminar hour per week.

Credits: 6

This course surveys British literature from the medieval to the modern period to provide students with a foundational understanding of the development of traditions and influences within historical contexts during this broad sweep of time. The particular ways in which literary "histories" are constructed, "periods" designated, and "canons" established and modified are also investigated. A number of texts of various literary kinds are examined from differing critical perspectives. In addition, the course introduces the research and bibliographic skills necessary for further work in the discipline of English Studies. *Offered every year.*

**ENGL 2015 Theatre Production: Practice and Theory**

Prerequisite: ENGL 1105

Hours: Two hours of seminars and three hours of workshops per week.

Credits: 6

This course takes a wholistic approach to theatre production studying various theatrical elements and examining how they relate to one another in an overall performance. Students will not only study the theories and techniques underlying the dramatic arts but also stage a major production in which they will put into practice course knowledge. Along with seminars, weekly workshops on performance and production are a major part of this course and students are expected to participate in the class production, to attend plays in the community, and to be involved with field trips to dramatic performances. *Offered every year.*

**ENGL 2025 Language and Rhetoric**

Prerequisite: ENGL 1105

Hours: Two hours of lecture and one hour of seminar per week.

Credits: 6

Language, broadly understood, is any form of communication, whether verbal (the spoken or written word), visual (the static or moving image), or a combination of verbal and visual (in print, on the stage, or in media). Rhetoric is the art of persuasion through the effective use of language. This course introduces students to the classical foundations, historical developments and contemporary theory and practice of language and rhetoric (i.e., writing well), with attention to the ideological and cultural issues implicated in effective communication. Topics include the theory, history, practice, and ideology of language and rhetoric (i.e., modes of persuasion, instruction, notions of audience, grammar, etymology, the history of the language, register, tone, and voice). Specific content varies from year to year. *Offered every second year. Offered in 2004-2005.*

**ENGL 2055 Studies in Drama: Classical to Contemporary**

Prerequisite: ENGL 1105

Hours: Three hours of lecture and discussion per week.

Credits: 6

This course is a historical survey of the major dramatic genres and movements from classical Greece to the contemporary period. The course focuses on plays as texts composed for performance, and attention is given to the history of theatrical practice. Although the course concentrates on British plays, a number of highly influential plays are studied in English translation. Specific content varies from year to year. *Offered every second year. Offered in 2004-2005.*

**ENGL 2116 Texts and Intertexts I**

Prerequisite: ENGL 1105

Anti-requisite: ENGL 2115

Hours: Three hours of lecture and discussion per week for one term.

Credits: 3

This course examines the ways in which selected works make meaning through their dependence on other works. Every text is produced out of earlier texts, and these earlier texts may be called intertexts. This course studies the debt that literary texts of one or more English cultures owe to culturally prominent intertexts: mythology, the Bible, classical writings, legends, or folklore. Specific content varies from year to year. Topic: The (After) Life of Jesus in Print and Media. *Offered every second year. Offered in 2004-2005. Also offered in Muskoka 2004-2005.*

**ENGL 2117 Texts and Intertexts II**

Prerequisite: ENGL 1105

Anti-requisite: ENGL 2115

Hours: Three hours of lecture and discussion per week for one term.

Credits: 3

This course examines the ways in which selected works make meaning through their dependence on other works. Every text is produced out of earlier texts, and these earlier texts may be called intertexts. This course studies the debt that literary texts of one or more English cultures owe to culturally prominent intertexts: mythology, the Bible, classical writings, legends, or folklore. Specific content varies from year to year. Topic: Descents into the Underworld. *Offered every second year. Offered in 2004-2005. Also offered in Muskoka 2004-2005.*

**ENGL 2206 Gender, Literature and Culture I**

Prerequisite: ENGL 1105 or GEND 1025

Hours: Three hours of lecture and discussion per week for one term.

Credits: 3

This course explores the various ways that culture reflects, constructs, reinforces, and/or challenges gender roles in given social and historical contexts. Theoretical approaches to gender provide the basis for critical analysis of a range of cultural texts by men and women. The focus is on constructions of "masculinity" and "femininity" in English cultures and media selected from the middle ages to the present. Specific content varies from year to year. This course may be credited towards Gender Equality and Social Justice. *Offered every year.*

**ENGL 2207 Gender, Literature and Culture II**

Prerequisite: ENGL 1105 or GEND 1025

Hours: Three hours of lecture and discussion per week for one term.

Credits: 3

This course explores the various ways that culture reflects, constructs, reinforces, and/or challenges gender roles in given social and historical contexts. Theoretical approaches to gender provide the basis for critical analysis of a range of cultural texts by men and women. The focus is on constructions of "masculinity" and "femininity" in English cultures and media selected from the middle ages to the present. Specific content varies from year to year. This course may be credited towards Gender Equality and Social Justice. *Offered every year.*

**ENGL 2255 Canadian Literature from the Colonial to the Contemporary Period**

Prerequisite: ENGL 1105

Hours: Three hours of lecture and discussion per week.

Credits: 6

This course is an historical survey of Canadian literature from the colonial to the contemporary period. Course readings may include fiction, poetry, drama, criticism and nonfiction as well as other forms. Students will be encouraged to develop an understanding of Canadian "literary tradition," while critiquing the critical processes by which the Canadian "literary tradition" is constructed. A variety of perspectives on the literature will be offered and encouraged. *Offered every second year. Offered in 2004-2005.*

**ENGL 2265 American Literature from the Colonial to the Contemporary Period**

Prerequisite: ENGL 1105

Anti-requisite: ENGL 3365, ENGL 3375

Hours: Three hours of lecture and discussion per week.

Credits: 6

This course surveys American Literature from the colonial New England Puritan period to the contemporary period to provide students with a foundational understanding of the development of traditions and influences within historical contexts during this broad sweep of time. The particular ways in which literary "histories" are constructed, "periods" designated and "canons" established and modified are also investigated. Poetry, essays, novels, short stories and dramas are all studied. *Offered every second year. Offered in 2004-2005.*

**ENGL 2275 Studies in the Native Literatures of North America**

Prerequisite: ENGL 1105

Hours: Three hours of lecture and discussion per week.

Credits: 6

This course offers an historical and self-reflexive exploration of Native North American literature in English (with some work in translation) and its meaning for us as Canadians, both Native and non-Native. After some grounding readings and presentations from the oral tradition of Native "mythology," the class will focus on works written in the last two centuries, with an emphasis on the modern and contemporary periods. Though selections may vary from year to year, the course texts will be drawn from the work of such authors as Pauline Johnson, Thomas King, Maria Campbell, Tomson Highway, and Joy Harjo. As the class engages with an important emerging literature which addresses colonialism, racism, sexism in ways political and poetic, students will be challenged to examine their familiar beliefs and to reflect on the meaning of "identity" for Natives and non-Natives alike. This course may be credited towards Native Studies. *Offered every second year. Offered in 2004-2005.*

**ENGL 2445 Children's Literature**

Prerequisite: ENGL 1105

Hours: Two hours of lecture and one seminar hour per week.

Credits: 6

This course conducts a critical/historical survey of works in English composed for, or appropriated by, children. Selections may vary annually but each year will include both classic and less familiar texts, and examples of dominant and suppressed or subversive works. Through the study of the course texts the major genres, from the street song to the illustrated book, will be

illuminated. The chronological organization will permit the treating of texts in their contexts, and facilitate the tracing of the influence of shifting ideas about childhood and other aspects of ideology on the works reflecting and constructing them. Formal literary analysis will be complemented by a variety of critical approaches that will enable the class to explore relevant theoretical issues and to comprehend the cultural and psychological work being done by specific texts. This is not a teaching methodology course, but will provide an excellent foundation for such a study. *Offered every year. Also offered in Summer 2004.*

**ENGL 2535 Studies in Shakespeare**

Prerequisite: ENGL 1105

Hours: Three hours of lecture and discussion per week.

Credits: 6

This course introduces students to the field of Shakespeare studies, which includes the plays, their culture, and contemporary research resources. Close formal analysis is supplemented by a treatment of the theatrical aspects of the plays and by the application of current theoretical approaches. This course will also implement performance and play into the class's dialogue with the dramatic texts. "Play", not only as text but also as reading strategy, will enrich the pedagogical scene for both teacher and student. Students should expect to read at least ten plays, as well as supplementary historical and scholarly material. *Offered every year. Also offered in Spring 2004.*

**ENGL 2536 Studies in Shakespeare I**

Prerequisite: ENGL 1105

Anti-requisite: ENGL 2535

Hours: Three hours of lecture per week for one term.

Credits: 3

This course introduces students to the field of Shakespeare studies which includes the plays, their culture, and contemporary research sources. Close formal analysis of the printed texts is supplemented by a treatment of the theatrical aspects of the plays and by the application of current theoretical approaches. The main focus in this course will be on selected plays of different genres written before 1600. *Offered periodically. Offered in 2004-2005.*

**ENGL 2537 Studies in Shakespeare II**

Prerequisite: ENGL 1105

Anti-requisite: ENGL 2535

Hours: Three hours of lecture per week for one term.

Credits: 3

This course introduces students to the field of Shakespeare studies which includes the plays, their culture, and contemporary research sources. Close formal analysis of the printed texts is supplemented by a treatment of the theatrical aspects of the plays and by the application of current theoretical approaches. The main focus in this course will be on selected plays of different genres written after 1600. *Offered periodically. Offered in 2004-2005.*

**ENGL 2605 Cultural Studies**

Prerequisite: ENGL 1105

Hours: Three hours of lecture and discussion per week.

Credits: 6

This course introduces students to the central ideas, themes, and issues involved in the study of culture. Students encounter the theoretical foundations of the rapidly developing interdisciplinary field of cultural studies in order to engage in critical inquiry and analysis of media. Topics might include representa-

tion, rituals, activities, spaces, narratives, and spectacle. Such engagement challenges students to examine the ideological underpinnings of media and their messages. *Offered every second year. Offered in 2004-2005.*

### **ENGL 3016 Studies in Marginalized Literatures I**

Prerequisite: ENGL 1105 and either ENGL 2005 or ENGL 2605

Hours: Three hours of lecture and discussion per week for one term.

Credits: 3

This course examines literatures produced by visible and/or cultural minorities (for instance, African diasporas, working class communities, or Francophone writers). The texts for this course may include works in translation. The theoretical approaches vary according to the topic and instructor, but may include such areas as postcolonial theory, critical race theory, and cultural studies. Specific content varies from year to year. Topic: African-American Literature in the Nineteenth Century. *Offered periodically. Offered in 2004-2005.*

### **ENGL 3017 Studies in Marginalized Literatures II**

Prerequisite: ENGL 1105 and either ENGL 2005 or ENGL 2605

Hours: Three hours of lecture and discussion per week for one term.

Credits: 3

This course examines literatures produced by visible and/or cultural minorities (for instance, African diasporas, working class communities, or Francophone writers). The texts for this course may include works in translation. The theoretical approaches vary according to the topic and instructor, but may include such areas as postcolonial theory, critical race theory, and cultural studies. Specific content varies from year to year. *Offered periodically.*

### **ENGL 3026 Advanced Language and Rhetoric I**

Prerequisite: ENGL 1105 and either ENGL 2005 or ENGL 2025

Hours: Three hours of lecture and discussion per week for one term.

Credits: 3

This course explores topics, concepts, and approaches in theory and production of both language and rhetoric. Topics in rhetoric may include the rhetoric of the image (both static and dynamic), of discourses (for example, scientific, pop cultural, academic), as well as modes of persuasion and notions of audience. Topics in language may include the history of the language, English structure and functions (advanced grammar), and modes of instruction. Specific content varies from year to year. *Offered every second year. Next offered in 2005-2006.*

### **ENGL 3027 Advanced Language and Rhetoric II**

Prerequisite: ENGL 1105 and either ENGL 2005 or ENGL 2025

Hours: Three hours of lecture and discussion per week for one term.

Credits: 3

This course explores topics, concepts, and approaches in theory and production of both language and rhetoric. Topics in rhetoric may include the rhetoric of the image (both static and dynamic), of discourses (for example, scientific, pop cultural, academic), as well as modes of persuasion and notions of audience. Topics in language may include the history of the language, English

structure and functions (advanced grammar), and modes of instruction. Specific content varies from year to year. *Offered every second year. Next offered in 2005-2006.*

### **ENGL 3036 Studies in Media I**

Prerequisite: ENGL 1105 and either ENGL 2005 or ENGL 2605

Hours: Three hours of lecture and discussion per week for one term.

Credits: 3

This course explores cultural production in media other than traditional print texts. Theories from the field of cultural studies emphasizing the conditions of production and consumption inform the general approach to the material. Course content may include the analysis of a specific medium such as television, film, or the internet; the analysis of a particular genre within a medium; or cultural production across media. Specific content varies from year to year. *Offered every second year.*

### **ENGL 3037 Studies in Media II**

Prerequisite: ENGL 1105 and either ENGL 2005 or ENGL 2605

Hours: Three hours of lecture and discussion per week for one term.

Credits: 3

This course explores cultural production in media other than traditional print texts. Theories from the field of cultural studies emphasizing the conditions of production and consumption inform the general approach to the material. Course content may include the analysis of a specific medium such as television, film, or the internet; the analysis of a particular genre within a medium; or cultural production across media. Specific content varies from year to year. *Offered every second year.*

### **ENGL 3045 Studies in Early Modern Literature**

Prerequisite: ENGL 1105 and ENGL 2005

Anti-requisite: ENGL 2045

Hours: Three hours of lecture and discussion per week.

Credits: 6

This course surveys a wide selection of genres taken from the sixteenth and seventeenth centuries and may give additional emphasis to either Spenser or Milton, the two main canonical figures of this period. The purpose is to give the student a grasp of not only the formal demands but also the historical richness of this period's literature. To that end, classes not only consider the profoundly rhetorical orientation of this literature, but also demonstrate how this literature actively participates in and is shaped by early modern culture. *Offered every second year. Offered in 2004-2005.*

### **ENGL 3095 Studies in Restoration and Eighteenth-Century Literature**

Prerequisite: ENGL 1105 and ENGL 2005

Anti-requisite: ENGL 2095

Hours: Three hours of lecture and discussion per week.

Credits: 6

This course introduces students to a selection of English literature written between the Restoration of the Stuart monarchy in 1660 and the beginning of the nineteenth century. This period of literary history is characterized by its witty - and often scathing - satires, the revitalization of the English theatre after its closure in 1642, the beginning of the novel as a respectable literary form, the emergence of the professional woman writer, and a

new focus on nature, the imagination, and sensibility. Specific content may vary from year to year. *Offered every second year. Offered in 2004-2005.*

### **ENGL 3126 Composition: Theory and Practice I**

Prerequisite: ENGL 1105 and either ENGL 2005 or ENGL 2025

Hours: Three hours of lecture and discussion per week for one term.

Credits: 3

This course is an advanced course in composition and is writing intensive. Some of the questions students might pursue include what do writers do when they write? How does expertise in writing develop? What is the effect of writing well? How do contexts influence writing? Topics may include academic writing; the pedagogy of writing instruction; composition theory; technology related to writing and its teaching; electronic writing and publishing; and editing. Specific content varies from year to year. *Offered every second year. Next offered in 2006-2007.*

### **ENGL 3127 Composition: Theory and Practice II**

Prerequisite: ENGL 1105 and either ENGL 2005 or ENGL 2025

Hours: Three hours of lecture and discussion per week for one term.

Credits: 3

This course is an advanced course in composition and is writing intensive. Some of the questions students might pursue include, what do writers do when they write? How does expertise in writing develop? What is the effect of writing well? How do contexts influence writing? Topics may include academic writing; the pedagogy of writing instruction; composition theory; technology related to writing and its teaching; electronic writing and publishing; and editing. Specific content varies from year to year. *Offered every second year. Next offered in 2006-2007.*

### **ENGL 3136 Studies in Nineteenth-Century Literature I**

Prerequisite: ENGL 1105 and ENGL 2005

Anti-requisite: ENGL 3115

Hours: Three hours of lecture and discussion per week for one term.

Credits: 3

This course examines a selection of British literature from the late eighteenth-century to the mid-nineteenth-century, with a particular emphasis on poetry. Generic modes and stylistic developments are studied in the context of relevant social, political, and philosophical forces. Course selections and topics may vary from year to year. *Offered every second year. Next offered in 2005-2006.*

### **ENGL 3137 Studies in Nineteenth-Century Literature II**

Prerequisite: ENGL 1105 and ENGL 2005

Anti-requisite: ENGL 3115

Hours: Three hours of lecture and discussion per week for one term.

Credits: 3

This course examines a selection of British literature from the mid-nineteenth-century to the turn of the twentieth, with an emphasis on poetry. Generic modes and stylistic developments are studied in the context of relevant social, political, and philosophical forces. Course selections and topics may vary from year to year. *Offered every second year. Next offered in 2005-2006.*

### **ENGL 3146 Studies in Postcolonial Literature I**

Prerequisite: ENGL 2005

Hours: Three hours of lecture and discussion per week for one term.

Credits: 3

This course focuses on literature coming from countries which are former British colonies, excluding Canada and the United States. The emphasis in the selection of texts and approaches is on tracing the effects of (de-)colonization on emerging literatures in English. The collision and collusion of cultures brought together by imperial domination have produced theatre, fiction and poetry rich in controversy and imagination. As well, the process of British colonization has helped to rewrite the texts and traditions of British literary history, and the English language itself. The course is divided and defined regionally rather than historically, and while they should include a short history of colonization, the readings are drawn largely from the twentieth-century. Some of the regions covered may include the Caribbean, Africa, India, Australia, New Zealand, and Ireland. Recent developments in literary theory and critical approaches to postcolonial literature are also considered. *Offered every second year. Next offered in 2005-2006.*

### **ENGL 3147 Studies in Postcolonial Literature II**

Prerequisite: ENGL 2005

Hours: Three hours of lecture and discussion per week for one term.

Credits: 3

As in ENGL 3146, this course focuses on literature coming from countries which are former British colonies, excluding Canada and the United States. However, ENGL 3147 has completely different course content from ENGL 3146, so ENGL 3146 does not function as a prerequisite for ENGL 3147. The emphasis in the selection of texts and approaches is on tracing the effects of (de-)colonization on emerging literatures in English. The collision and collusion of cultures brought together by imperial domination have produced theatre, fiction and poetry rich in controversy and imagination. As well, the process of British colonization has helped to rewrite the texts and traditions of British literary history, and the English language itself. The course is divided and defined regionally rather than historically, and while they should include a short history of colonization, the readings are drawn largely from the twentieth-century. Some of the regions covered may include the Caribbean, Africa, India, Australia, New Zealand, and Ireland. Recent developments in literary theory and critical approaches to postcolonial literature are also considered. *Offered every second year. Next offered in 2005-2006.*

### **ENGL 3175 Studies in Twentieth-Century Literature**

Prerequisite: ENGL 1105 and ENGL 2005

Anti-requisite: ENGL 3165 or ENGL 3185

Hours: Three hours of lecture and discussion per week.

Credits: 6

This course surveys a selection of writings drawn from the twentieth century, paying particular attention to British writers. Classes concentrate on this century's two primary literary periods, namely modernism and postmodernism, examining the ideological similarities and differences between them. In order to overcome the interpretive difficulties built into the twentieth-century text, classes will generate close readings but will also consider the social, political and philosophical forces that have in general formed and deformed this period's literature. *Offered every second year. Offered in 2004-2005.*

**ENGL 3206 Special Topics in Women's Literature I**

Prerequisite: ENGL 1105 and ENGL 2005

Hours: Three lecture/seminar hours per week for one term.

Credits: 3

This course explores special topics in women's writing in English (Canadian, American, British and other literatures). Specific content varies from year to year. Students in a Gender Equality and Social Justice major who have not completed ENGL 2005 may request permission from the Department Chair to take ENGL 3206. This course may be credited towards Gender Equality and Social Justice. *Offered periodically.*

**ENGL 3207 Special Topics in Women's Literature II**

Prerequisite: ENGL 1105 and ENGL 2005

Hours: Three lecture/seminar hours per week for one term.

Credits: 3

This course explores special topics in women's writing in English (Canadian, American, British or other literatures). Specific content varies from year to year. Students in a Gender Equality and Social Justice major who have not completed ENGL 2005 may request permission from the Department Chair to take ENGL 3207. This course may be credited towards Gender Equality and Social Justice. *Offered periodically.*

**ENGL 3486 Studies in Genre I**

Prerequisite: ENGL 1105 and ENGL 2005

Hours: Three hours of lecture and discussion per week for one term.

Credits: 3

This course examines the conventions of, and developments within, a specific literary genre through a literary period or across literary history. Genres are drawn from British, Canadian, American and other literatures. Specific genres and associated course content vary from year to year. *Offered every second year. Next offered in 2005-2006.*

**ENGL 3487 Studies in Genre II**

Prerequisite: ENGL 1105 and ENGL 2005

Hours: Three hours of lecture and discussion per week for one term.

Credits: 3

This course examines the conventions of, and developments within, a specific literary genre through a literary period or across literary history. Genres are drawn from British, Canadian, American and other literatures. Specific genres and associated course content vary from year to year. *Offered every second year. Next offered in 2005-2006.*

**ENGL 3496 Studies in Genre III**

Prerequisite: ENGL 1105 and ENGL 2005

Hours: Three hours of lecture and discussion per week for one term.

Credits: 3

This course examines the conventions of, and developments within, a specific literary genre through a literary period or across literary history. Genres are drawn from British, Canadian, American and other literatures. Specific genres and associated course content vary from year to year. Topic: The 20th Century Comic Novel (British). *Offered every second year. Offered in 2004-2005.*

**ENGL 3497 Studies in Genre IV**

Prerequisite: ENGL 1105 and ENGL 2005

Hours: Three hours of lecture and discussion per week for one term.

Credits: 3

This course examines the conventions of, and developments within, a specific literary genre through a literary period or across literary history. Genres are drawn from British, Canadian, American and other literatures. Specific genres and associated course content vary from year to year. *Offered every second year.*

**ENGL 3505 Studies in Medieval Literature**

Prerequisite: ENGL 1105 and ENGL 2005

Anti-requisite: ENGL 2505

Hours: Three hours of lecture and discussion per week.

Credits: 6

This course examines the language and works of Chaucer together with non-Chaucerian works of the period. *Offered periodically.*

**ENGL 3515 Creative Writing**

Prerequisite: ENGL 1105

*Students who wish to register in this course are required to submit to the Department Chair, a selective portfolio of their creative work or an essay demonstrating creative reasons for wishing to take the course, by the first week of January. Approval to register in the course will be granted by mid-February.*

Anti-requisite: ENGL 3516 or 3517

Hours: Three hours of lecture and discussion per week.

Credits: 6

This course explores imaginative literary expression. Although it involves examining the works of others, the course focuses on the work of class members. Specific attention is given to editorial procedure, form, techniques and literary devices in genres such as poetry, prose fiction and drama. *Offered periodically.*

**ENGL 3516 Creative Writing: Poetry**

Prerequisite: ENGL 1105

*Students who wish to register in this course are required to submit to the Department Chair, a selective portfolio of their creative work or an essay demonstrating creative reasons for wishing to take the course, by the first week of January. Approval to register in the course will be granted by mid-February.*

Anti-requisite: ENGL 3515

Hours: Three hours of lecture and discussion per week for one term.

Credits: 3

This course explores imaginative literary expression. Although it involves examining the works of others, the course focuses on the work of class members. Specific attention is given to editorial procedures, forms, techniques and literary devices in the genre of poetry. *Offered every year.*

**ENGL 3517 Creative Writing: Prose Fiction**

Prerequisite: ENGL 1105

*Students who wish to register in this course are required to submit to the Department Chair, a selective portfolio of their creative work or an essay demonstrating creative reasons for wishing to take the course, by the first week of January. Approval to register in the course will be granted by mid-February.*

Anti-requisite: ENGL 3515

Hours: Three hours of lecture and discussion per week for one term.

Credits: 3

This course explores imaginative literary expression. Although it involves examining the works of others, the course focuses on the work of class members. Specific attention is given to editorial procedures, forms, techniques and literary devices in the genre of prose fiction. *Offered every year.*

**ENGL 3606 Studies in Popular Culture I**

Prerequisite: ENGL 1105 and ENGL 2005 OR ENGL 2605

Hours: Three hours of lecture and discussion per week for one term.

Credits: 3

This course explores texts that are generally considered to be popular, such as those produced for mass consumption. Theories from the field of cultural studies inform the general approach to the material, which means that the cultural contexts for the texts are foregrounded. These contexts might include histories of production and reception, economic forces, gender relations, sexuality and/ or issues of race. The course examines a range of media which may draw from the products of mass print, digital, visual, cinematic and/or electronic cultures. Specific content varies from year to year. *Offered every second year. Next offered in 2005-2006.*

**ENGL 3607 Studies in Popular Culture II**

Prerequisite: ENGL 1105 and ENGL 2005 or ENGL 2605

Hours: Three hours of lecture and discussion per week for one term.

Credits: 3

This course explores texts that are generally considered to be popular, such as those produced for mass consumption. Theories from the field of cultural studies inform the general approach to the material, which means that the cultural contexts for the texts are foregrounded. These contexts might include histories of production and reception, economic forces, gender relations, sexuality and/ or issues of race. The course examines a range of media which may draw from the products of mass print, digital, visual, cinematic and/or electronic cultures. Specific content varies from year to year. *Offered every second year. Next offered in 2005-2006.*

**ENGL 3626 Studies in Collaboration I**

Prerequisite: ENGL 1105 and ENGL 2005 or ENGL 2605

Hours: Three hours of lecture and discussion per week for one term.

Credits: 3

This course explores the collaborative nature of cultural production. Theories of collaboration, representation and subjectivity are paramount to tracing the ways in which culture and media are shaped by multiple voices and conditions, including historical and social contexts. Specific course content varies from year to year. *Offered every second year.*

**ENGL 3627 Studies in Collaboration II**

Prerequisite: ENGL 1105 and ENGL 2005 or ENGL 2605

Hours: Three hours of lecture and discussion per week for one term.

Credits: 3

This course explores the collaborative nature of cultural production. Theories of collaboration, representation and subjectivity are paramount to tracing the ways in which culture and media are shaped by multiple voices and conditions, including historical and social contexts. Specific course content varies from year to year. *Offered every second year.*

**ENGL 4605 History and Theory of Literary Criticism**

Prerequisite: Restricted to students in the fourth year of the Honours English program.

Hours: Three hours of lecture/seminar per week.

Credits: 6

This course introduces students to the seminal issues in both traditional and contemporary literary theory and criticism. Representative selections from a variety of dominant schools--such as classical poetics, semiotics, deconstruction, psychoanalysis, poststructural Marxism and feminism--will be read in order to familiarize the student with theories and concepts relevant to contemporary English criticism. For the most part, the course is organized around key topics in literary theory: topics might include the author, interpretation, gender, subjectivity, textuality and history. The seminar environment will enable students to participate actively in an ongoing dialogue on these key topics. Such a dialogue ultimately provides the student with an opportunity to fashion his or her own theoretical positions. *Offered periodically.*

**ENGL 4606 Studies in Literary Theory and Criticism I**

Prerequisite: Restricted to students in the fourth year of the Honours English program.

Hours: Three hours of lecture/seminar per week for one term.

Credits: 3

This course explores topics, concepts, and approaches in both literary criticism and literary theory. Texts on the syllabus may be drawn from any historical period, extending as far back as classical times. From year to year, specific content will vary according to the instructor's expertise and developments in the field. Topic: Postcolonial Theory. *Offered every second year. Offered in 2004-2005.*

**ENGL 4607 Studies in Literary Theory and Criticism II**

Prerequisite: Restricted to students in the fourth year of the Honours English program.

Hours: Three hours of lecture/seminar per week for one term.

Credits: 3

This course explores topics, concepts, and approaches in both literary criticism and literary theory. Texts on the syllabus may be drawn from any historical period, extending as far back as classical times. From year to year, specific content will vary according to the instructor's expertise and developments in the field. Topic: Sexuality Studies: Love at First Sight. *Offered every second year. Offered in 2004-2005.*

**ENGL 4616 Studies in Literary Theory and Criticism III**

Prerequisite: Restricted to students in the fourth year of the Honours English program.  
Hours: Three hours of lecture/seminar per week for one term.  
Credits: 3

This course explores topics, concepts, and approaches in both literary criticism and literary theory. Texts on the syllabus may be drawn from any historical period, extending as far back as classical times. From year to year, specific content will vary according to the instructor's expertise and developments in the field. *Offered every second year. Offered in 2004-2005.*

**ENGL 4617 Studies in Literary Theory and Criticism IV**

Prerequisite: Restricted to students in the fourth year of the Honours English program.  
Hours: Three hours of lecture/seminar per week for one term.  
Credits: 3

This course explores topics, concepts, and approaches in both literary criticism and literary theory. Texts on the syllabus may be drawn from any historical period, extending as far back as classical times. From year to year, specific content will vary according to the instructor's expertise and developments in the field. Topic: Feminist Theory. *Offered every second year. Offered in 2004-2005.*

**ENGL 4686 Honours Seminar I**

Prerequisite: Restricted to students in the fourth year of the Honours English program.  
Hours: Three hours of lecture/seminar per week for one term.  
Credits: 3

Honours Seminars provide senior English majors with the opportunity to develop advanced research, presentation, and writing skills in a specialized field of study. Course content varies from year to year according to the instructor's research interest and expertise. Topic: Girls' Stories and Culture: Girl Power? *Offered every second year. Offered in 2004-2005.*

**ENGL 4687 Honours Seminar II**

Prerequisite: Restricted to students in the fourth year of the Honours English program.  
Hours: Three hours of lecture/seminar per week for one term.  
Credits: 3

Honours Seminars provide senior English majors with the opportunity to develop advanced research, presentation, and writing skills in a specialized field of study. Course content varies from year to year according to the instructor's research interest and expertise. Topic: The Poetry of W.H. Auden (Group 1, British). *Offered every second year. Offered in 2004-2005.*

**ENGL 4695 Honours Essay**

Prerequisite: Restricted to students in the fourth year of the Honours English program and approval of the discipline is required prior to registration. *Students wishing to take this course during the following Spring/Summer or Fall/Winter Session must apply in writing to the discipline no later than February 15.*  
Credits: 6

This course is a literary research project, a supervised essay of some 10,000 words. Depending on the topic, this honours essay may be credited towards Group 1, 2, or 3, as approved by the Department. *Offered every year.*

**ENGL 4786 Honours Seminar III**

Prerequisite: Restricted to students in the fourth year of the Honours English program.  
Hours: Three hours of lecture/seminar per week for one term.  
Credits: 3

Honours Seminars provide senior English majors with the opportunity to develop advanced research, presentation, and writing skills in a specialized field of study. Course content varies from year to year according to the instructor's research interest and expertise. Topic: Darwin's Sirens: Women Writing (r)Evolution (Group 1, British). *Offered every second year. Offered in 2004-2005.*

**ENGL 4787 Honours Seminar IV**

Prerequisite: Restricted to students in the fourth year of the Honours English program.  
Hours: Three hours of lecture/seminar per week for one term.  
Credits: 3

Honours Seminars provide senior English majors with the opportunity to develop advanced research, presentation, and writing skills in a specialized field of study. Course content varies from year to year according to the instructor's research interest and expertise. Topic: Memories of Paris: Modernism, Autobiography, and Collaboration (Group 1). *Offered every second year. Offered in 2004-2005.*

**Cross-Listed Courses**

The following courses may be credited towards English Studies Group 2, up to a maximum of six credits: GEND 2166, GEND 2217 and GEND 2305.

# Environmental Biology and Technology

## Undergraduate Degree

•Bachelor of Science (Honours)

## Bachelor of Science (Honours) - Single Major

Students must complete 120 credits, including 102 core credits as follows:

### Year 1

* BIOL 1006	Introduction to Molecular and Cell Biology	3 cr.
* BIOL 1007	Introduction to Organismal and Evolutionary Biology	3 cr.
CHEM 1005	General Chemistry	6 cr.
* ENSC 1005	Introduction to Environmental Science	6 cr.
GEOG 1017	Introduction to Physical Geography	3 cr.
MATH 1257	Technical Statistics	3 cr.
Electives		6 cr.

\*Students must complete BIOL 1006, BIOL 1007 and ENSC 1005 with a minimum grade of 60% in each.

### Year 2

BIOL 1216	Environmental Microbiology I	3 cr.
BIOL 2207	Environmental Microbiology II	3 cr.
BIOL 2446	Principles of Ecology	3 cr.
CHEM 2046	Environmental Analytical Chemistry	3 cr.
ENSC 2036	Environmental Monitoring	3 cr.
ENSC 2107	Limnology (BIOL 2107)	3 cr.
ENSC 2156	Environmental Technology	3 cr.
ENSC 2306	Occupational Health and Safety	3 cr.
ENSC 2407	Environmental Toxicology (BIOL 2407)	3 cr.
JURI 2436	Environmental Law	3 cr.

### Year 3

BIOL 2337	Biology of Seed Plants	3 cr.
BIOL 2836	Invertebrate Zoology or	
BIOL 2837	Vertebrate Zoology	3 cr.
Program Options Group I (3000 level)		9 cr.
Program Options Group I or Group II		9 cr.
Electives		6 cr.

### Year 4

BIOL 4995	Thesis	6 cr.
Program Options Group I (3000 or 4000 level)		9 cr.
Program Options Group I or Group II		9 cr.
Electives		6 cr.

## Program Options - Group I

This Group includes any BIOL or ENSC course not specified above.

## Program Options - Group II

This Group includes any CHEM course or GEOG course in the Physical or Technique areas not specified above.

### Notes:

1. The 18 credits of Electives must include at least six credits from the Humanities and/or Social Sciences (excluding GEOG and JURI).
2. Many courses in this program require the use of computers. Students with little or no computer background are therefore strongly encouraged to include an appropriate Computer Science course in their Electives in first year.
3. Students planning to apply to graduate studies are advised to include Physics or additional Mathematics and/or Computer Science courses among their 18 credits of Electives.
4. The 36 credits of Program Options must be chosen from the appropriate groups (Group I or Group II) (with at least 18 credits chosen at the 3000 or 4000 level).

For complete Bachelor of Science (Honours) degree requirements, please refer to that section of the Calendar.

## Course Descriptions

*For course descriptions, please see the respective sections of the Calendar.*



# Environmental Geography

## Undergraduate Degrees

- Bachelor of Arts (Honours)
- Bachelor of Arts (3-Year General)

The Environmental Geography program is an interdisciplinary course of studies focusing on various aspects of the environment. Individual courses will examine topics of environmental concern such as changing climates, environmental pollution, evaluation and utilization of our resource base, landscape analysis, ecological issues, and the application of these topics within both urban and rural settings. The study of such topics will provide students with a broad understanding of the environment, its problems, and alternative solutions.

Courses in Geography are selected to provide a basic understanding of the physical and human aspects of the environment. Environmental Science courses will integrate and apply ecological concepts to contemporary issues and problems. Other science-related courses may be chosen by students to complement the existing program.

## Bachelor of Arts (Honours) - Single Major

Students must complete 120 credits, including 84 credits in Geography, Environmental Science and Biology as follows. (Students may take 4th year courses in 3rd year with permission of the instructor.)

All of:

* ENSC 1005	Introduction to Environmental Science	6 cr.
* GEOG 1016	Introduction to Human Geography	3 cr.
* GEOG 1017	Introduction to Physical Geography	3 cr.
ENSC 2006	Topics in Environmental Science I	3 cr.
ENSC 2007	Topics in Environmental Science II	3 cr.
GEOG 2026	Introduction to Quantitative Methods	3 cr.
GEOG 2105	Geomorphology	6 cr.

Nine credits from the following: 9 cr.

GEOG 2016	Field and Laboratory Techniques
GEOG 2017	Cartography
GEOG 2027	Quantitative Methods in Geography
GEOG 3036	Air Photo Interpretation
GEOG 3056	Introduction to GIS
GEOG 3066	Remote Sensing of the Environment

Nine credits of regional geography 9 cr.

Twelve systematic credits from the following: 12 cr.

GEOG 2126	Physical Hydrology
GEOG 2127	Hydrological Resources
GEOG 2206	Population Geography
GEOG 3105	Climatology
GEOG 3115	Biogeography
GEOG 3236	Geography of Environment and Health

Nine credits from the following: 9 cr.

BIOL 1006	Introduction to Molecular and Cell Biology
BIOL 1007	Introduction to Organismal and Evolutionary Biology

BIOL 2337	The Biology of Seed Plants
BIOL 2446	Principles of Ecology
BIOL 2837	Vertebrate Zoology
ENSC 3006	Environmental Interpretation and Communication
ENSC 3007	Environmental Issues in Forestry
GEOG 3397	Introductory Soil Science
GEOG 4127	Lake and Wetland Environments

Eighteen credits from the following: 18 cr.

GEOG 4057	Topics in GIS Applications
GEOG 4066	Topics in Remote Sensing Applications
GEOG 4106	Applied Geomorphology
GEOG 4107	Land Resources and Their Assessment
GEOG 4116	Pleistocene and Glacial Geomorphology
GEOG 4126	Applied Hydrology for Snow and Ice Environments
GEOG 4136	Applied Climatology
GEOG 4137	Paleoclimatology and Climatic Change
GEOG 4216	World Population Growth
GEOG 4227	The Social and Cultural Geography of the City
GEOG 4397	Soil Biology and Soil Chemistry
GEOG 4806	Natural Resource Development in Regional Planning
GEOG 4807	Natural Resource Management
GEOG 4817	Urban Land Use Planning in Canada
GEOG 4976	Field Camp
GEOG 4985	Directed Studies
GEOG 4995	Senior Seminar and Thesis

Students must be entering 4th year with a minimum 70% overall average to enrol in GEOG 4985 or GEOG 4995. Students may not retain credit for both GEOG 4985 and GEOG 4995.

Recommended Course:

GEOL 1005 General Geology

\*Students must complete ENSC 1005, GEOG 1016 and GEOG 1017 with a minimum grade of 60% in each.

*Students are limited to a maximum of 84 credits in Geography.*

## Other Program Requirements

Humanities	6 cr.
Electives	30 cr.

For complete Bachelor of Arts (Honours) degree requirements, please refer to that section of the Calendar.

## Bachelor of Arts (3-Year General) - Single Major

Students must complete 90 credits, including a minimum of 60 credits in Geography, Environmental Science and Biology as follows:

All of:

* ENSC 1005	Introduction to Environmental Science	6 cr.
* GEOG 1016	Introduction to Human Geography	3 cr.
* GEOG 1017	Introduction to Physical Geography	3 cr.

Twenty-four credits from the following: 24 cr.

ENSC 2006	Topics in Environmental Science I
ENSC 2007	Topics in Environmental Science II
GEOG 2126	Physical Hydrology
GEOG 2127	Hydrological Resources
GEOG 2206	Population Geography
GEOG 2105	Geomorphology
GEOG 3105	Climatology
GEOG 3115	Biogeography
GEOG 3236	Geography of Environment and Health

Nine credits of regional geography 9 cr.

GEOG upper level 9 cr.

Six credits from the following: 6 cr.

BIOL 1006	Introduction to Molecular and Cell Biology
BIOL 1007	Introduction to Organismal and Evolutionary Biology
BIOL 2337	The Biology of Seed Plants
BIOL 2446	Principles of Ecology
BIOL 2837	Vertebrate Zoology
ENSC 3006	Environmental Interpretation and Communication
ENSC 3007	Environmental Issues in Forestry
GEOG 3397	Introductory Soil Science
GEOG 4127	Lake and Wetland Environments

Recommended courses:

GEOG 2016	Field and Laboratory Techniques
GEOG 2017	Cartography
GEOG 2026	Introduction to Quantitative Methods
GEOL 1005	General Geology

\*Students must complete ENSC 1005, GEOG 1016 and GEOG 1017 with a minimum grade of 60% in each.

*Students are limited to a maximum of 54 credits in Geography.*

### Other Program Requirements

Humanities	6 cr.
Electives	24 cr.

For complete Bachelor of Arts (3-Year General) degree requirements, please refer to that section of the Calendar.

## Certificate in Geomatics

A Certificate in Geomatics is available to students in a four-year honours environmental geography major. Please see the Geography section of the Academic Calendar for details.

## Course Descriptions

*For course descriptions, please see the respective sections of the Calendar.*

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## Environmental Science

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This discipline is not offered as a degree, but the courses in Environmental Science may be credited as electives in any other degree program. Some Environmental Science courses may be required in other programs.

### Environmental Science Courses

#### ENSC 1005 Introduction to Environmental Science

Prerequisite: No prerequisite.

Anti-requisite: ESTD 1005

Hours: Two hours of lecture and two hours of laboratory/field work per week.

Credits: 6

This course will examine ecological principles underlying environmental problems, and will introduce students to the broad, fast-changing and multidisciplinary nature of environmental studies. *Offered every year. Also offered in Muskoka 2004-2005.*

#### ENSC 2006 Topics in Environmental Science I

Prerequisite: ENSC 1005

Anti-requisite: ESTD 2005

Hours: Two hours of lecture and two hours of laboratory work per week for one term.

Credits: 3

This course will focus on selected environmental problems with global or international ramifications and will illustrate the ecological principles underlying their solutions. *Offered every year.*

#### ENSC 2007 Topics in Environmental Science II

Prerequisite: ENSC 1005

Anti-requisite: ESTD 2005

Hours: Two hours of lecture and two hours of laboratory work per week for one term.

Credits: 3

This course will examine case studies of Canadian environmental concerns such as: acid rain; management of specific species of wildlife; impacts of agriculture, forestry and mining; and other issues based on the practical application of environmental science. *Offered every year.*

#### ENSC 2036 Environmental Monitoring

Prerequisite: Restricted to students in the third or fourth year of the Environmental Biology and Technology program.

Hours: Three hours of lecture and two hours of laboratory work per week per fourteen week term.

Credits: 3

In this course, the student will learn to measure noise emissions, and to collect outdoor and indoor air samples and various samples of industrial water and wastewater for environmental analysis. A variety of field sampling procedures and field analytical techniques will be introduced. *Offered in 2004-2005.*

**ENSC 2107 Limnology**

Prerequisite: BIOL 2446 and CHEM 2046

This course is intended primarily for students in the Environmental Biology and Technology program.

Anti-requisite: BIOL 2107, GEOG 4127

Hours: Three hours of lecture and three hours of laboratory work per week per fourteen week term.

Credits: 3

The student will study the chemical and physical factors affecting the aquatic environment, as well as the biological interactions within the system. Previously learned concepts and techniques from general ecology, chemistry, microbiology and instrumentation will be employed in the analysis of a specific ecosystem: the lake. *Offered every year.*

**ENSC 2156 Environmental Technology**

Prerequisite: Restricted to students in the second year of the Environmental Biology and Technology program.

Hours: Four hours of lecture per week per fourteen week term.

Credits: 3

This course will investigate the processes used by the agricultural, industrial, and municipal sectors which may cause environmental problems. Topics will include: non-persistent contaminants; persistent toxic chemicals; point and non-point sources of contaminants (e.g. agriculture, petroleum refining, organic chemicals, iron and steel plants, metal mining and industrial mineral refining, pulp and paper, inorganic chemicals, metal casting, electric power and sewage treatment); end-of-pipe discharges; water, air, and land pollution; as well as various treatment techniques. Information will be discussed in terms of regional and global impacts. Field trips to local industries will be used to study the causes and treatments of environmentally significant phenomena. *Offered every year.*

**ENSC 2306 Occupational Health and Safety**

Prerequisite: Restricted to students in the third or fourth year of the Environmental Biology and Technology program.

Hours: Three hours of lecture per week per fourteen week term.

Credits: 3

This course will survey various aspects of safety in the workplace. Topics will include relevant legislation and regulation concerning occupational health and safety, personal risks in the workplace, assessment of safety systems/equipment, WHMIS, the Workplace Safety and Insurance Board, CPR, first aid, and OHS. *Offered in 2004-2005.*

**ENSC 2407 Environmental Toxicology**

Prerequisite: BIOL 1007 and CHEM 1005

This course is intended primarily for students in the Environmental Biology and Technology program.

Anti-requisite: BIOL 2407

Hours: Two hours of lecture and three hours of laboratory work per week per fourteen week term.

Credits: 3

This course will introduce the student to the methods used to assess the biological effects of various substances which occur naturally or artificially in the environment. Acute and chronic toxicity experiments on plant and animal species will be conducted. *Offered every year.*

**ENSC 3006 Environmental Interpretation and Communication**

Prerequisite: BIOL 2446

Anti-requisite: ESTD 3005, BIOL 3006

Hours: Two hours of lecture and two hours of laboratory work per week for one term.

Credits: 3

Through the exploration of a forest ecology theme, the student will develop interpretation and communication skills in environmental science. Lectures in introductory forest ecology will provide a framework for examining various aspects of research, including: literature review; experimental design and technique; data interpretation and presentation; scientific writing; and the use of various tools in preparing and presenting seminars, posters and scientific documents. This information will be applied directly to individual and/or group research projects. One or two required field trips will be taken on weekends early in the term.

**ENSC 3007 Environmental Issues in Forestry**

Prerequisite: BIOL 2446

Anti-requisite: ESTD 3005, BIOL 3007

Hours: Three hours of lecture and three hours of laboratory work per week for one term.

Credits: 3

This course will introduce the student to forest ecology with an emphasis on the autoecology of important organisms; the structure, function and diversity of communities and ecosystems; responses of organisms and ecosystems to stress and disturbance; and the management of forest resources from an ecological perspective. Mandatory weekend field trip(s) will be conducted early in the semester. *Offered in Spring 2004.*

# Environmental Science and Physical Geography

## Undergraduate Degree

•Bachelor of Science (Honours)

The Bachelor of Science degree in Environmental Science and Physical Geography provides students with a strong background in Physical and Environmental Geography courses along with an appropriate number of Science courses beneficial for future careers as Environmental Scientists.

## Bachelor of Science (Honours) - Single Major

Students must complete a minimum of 60 credits in Geography and 48 credits in Science as follows. (Students may take 4th year courses in 3rd year with permission of the instructor.)

All of:

CHEM 1005	General Chemistry	6 cr.
* ENSC 1005	Introduction to Environmental Science	6 cr.
* GEOG 1016	Introduction to Human Geography	3 cr.
* GEOG 1017	Introduction to Physical Geography	3 cr.
GEOG 2026	Introduction to Quantitative Methods	3 cr.
ENSC 2006	Topics in Environmental Science I	3 cr.
ENSC 2007	Topics in Environmental Science II	3 cr.
GEOG 2105	Geomorphology	6 cr.
GEOG 3105	Climatology	6 cr.
GEOG 3115	Biogeography	6 cr.
GEOG 3397	Introductory Soil Science	3 cr.

Six credits of first year mathematics from the following: 6 cr.

MATH 1035	Calculus
MATH 1046	Introductory Linear Algebra
MATH 1056	Discrete Mathematics I

Twelve credits of first year science from the following: 12 cr.

BIOL 1006	Introduction to Molecular and Cell Biology
BIOL 1007	Introduction to Organismal and Evolutionary Biology
GEOL 1005	General Geology
PHYS 1005	General Physics

Nine credits from the following: 9 cr.

BIOL 2337	The Biology of Seed Plants
BIOL 2446	Principles of Ecology
BIOL 2837	Vertebrate Zoology
ENSC 3007	Environmental Issues in Forestry
GEOG 2126	Physical Hydrology
GEOG 2127	Hydrological Resources
** GEOG 4106	Applied Geomorphology
** GEOG 4127	Lake and Wetland Environments
GEOL 2021	Geology of Earth Resources
GEOL 2022	Natural Disasters

Nine systematic technique credits from the following: 9 cr.

GEOG 2016	Field and Laboratory Techniques
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GEOG 2017	Cartography
GEOG 2027	Quantitative Methods in Geography
GEOG 3036	Air Photo Interpretation
GEOG 3056	Introduction to GIS
GEOG 3066	Remote Sensing of the Environment

GEOG Upper level 6 cr.

Eighteen credits from the following approved fourth year Geography courses: 18 cr.

GEOG 4057	Topics in GIS Applications
GEOG 4066	Topics in Remote Sensing Applications
** GEOG 4106	Applied Geomorphology
GEOG 4107	Land Resources and Their Assessment
GEOG 4116	Pleistocene and Glacial Geomorphology
GEOG 4126	Applied Hydrology for Snow and Ice Environments
** GEOG 4127	Lake and Wetland Environments
GEOG 4136	Applied Climatology
GEOG 4137	Paleoclimatology and Climatic Change
GEOG 4336	Biogeochemistry I
GEOG 4337	Biogeochemistry II
GEOG 4397	Soil Biology and Soil Chemistry
GEOG 4806	Natural Resource Development in Regional Planning
GEOG 4807	Natural Resource Management
GEOG 4976	Field Camp
GEOG 4985	Directed Studies
GEOG 4995	Senior Seminar and Thesis

\*Students must complete ENSC 1005, GEOG 1016 and GEOG 1017 with a minimum grade of 60% in each.

\*\*GEOG 4106 and GEOG 4127 may be used to fulfill the eighteen credit fourth year requirements if they are not used to satisfy the nine credit intermediate science requirement.

*Students must be entering fourth year with a minimum 70% overall average to enrol in GEOG 4985 or GEOG 4995. Students may not retain credit for both GEOG 4985 and GEOG 4995.*

For those students considering entering the teaching profession, the department recommends the completion of GEOG 2406 A Geography of Canada.

### Other Program Requirements

Humanities	6 cr.
Social Science or Business (excluding physical geography)	6 cr.

For complete Bachelor of Science (Honours) degree requirements, please refer to that section of the Calendar.

## Certificate in Geomatics

A Certificate in Geomatics is available to students in a four-year honours environmental science and physical geography major. Please see the Geography section of the Academic Calendar for details.

## Course Descriptions

*For course descriptions, please see the respective sections of the Calendar.*

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## Film

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This discipline is not offered as a degree, but the courses in Film may be credited as electives in any other degree program.

### Film Courses

#### **FILM 1005 Introduction to Film**

Prerequisite: No prerequisite.

Hours: Three hours of lecture per week.

Credits: 6

This course is a basic introduction to the aesthetics of the film medium. The development of various elements of film (image, sound, etc.) and of such aspects of film making as directing, acting, and editing are examined through a survey of about 24 feature films from D.W. Griffith and Charlie Chaplin to the present. *Offered in 2004-2005.*

#### **FILM 2105 World Cinema**

Prerequisite: FILM 1005

Hours: Three hours of lecture per week.

Credits: 6

In this course students study films chosen to represent the range and variety of work in major film producing countries (other than the U.S.A.) with emphasis on developments since 1945. *Offered in Spring 2004.*

#### **FILM 2166 Women, Media and Representation**

Prerequisite: Any course in, or cross-listed with, Gender Equality and Social Justice.

Anti-requisite: GEND 2166, WOMN 2166

Hours: Three hours of lecture per week for one term.

Credits: 3

The body has always occupied a central place in the Western imagination, and images of women in particular, have long been a part of our everyday world. In this course, we will consider the different ways in which women have been represented through various mediums, from fine arts, film and television, to the print media, magazines, and more recently, the Internet. We will review contemporary cultural theories of representation and sexual difference, as well as recent debates in feminist media studies, and feminist theory that have provided an opportunity to understand the impact of representation on human experience. The course will focus not only on how women have been represented by others, but also on how women, in more recent years, have been choosing to influence the means of representation.

#### **FILM 2305 Women in Cinema**

Prerequisite: No prerequisite.

Anti-requisite: GEND 2305

Hours: Three hours of lecture per week.

Credits: 6

This course examines the portrayal of women in both mainstream and alternative cinema, including the influence of social, economic and political forces on developing roles of women in film and a comparison of the representation of women on the screen with the actuality of their lives in society. These issues are studied in the context of the representation of gender in American and European films, the Hollywood star system, acting styles, narrative forms, and theories of spectatorship and

identification. A wide variety of significant films are screened and discussed, including the work of women directors. This course may be credited towards English Studies.

#### **FILM 2845 The Director's Cinema**

Prerequisite: No prerequisite.

Hours: Three hours of lecture per week plus screenings.

Credits: 6

The works of several important directors, with a detailed in-class examination of representative films are studied. *Offered in 2004-2005 in Muskoka.*

#### **Cross-Listed Courses**

The following course may be credited towards Film: PHIL 2405.

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## Fine Arts

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### Undergraduate Degree

- Bachelor of Arts (3-Year General)

### Bachelor of Arts (3-Year General) - Single Major

Students must complete 90 credits including a minimum of 36 credits in Fine Arts as follows:

* FAVA 1026	Art Fundamentals I	3 cr.
* FAVA 1027	Art Fundamentals II	3 cr.
* FAVA 1206	Art History I	3 cr.
* FAVA 1207	Art History II	3 cr.
FAVA 2006	Drawing I	3 cr.
FAVA 2007	Drawing II	3 cr.
FAVA 2026	Painting I	3 cr.
FAVA 2027	Painting II	3 cr.
FAVA 3086	Life Drawing I	3 cr.
FAVA 3087	Life Drawing II	3 cr.
FAVA 3376	Canadian Art History I	3 cr.
FAVA 3377	Canadian Art History II	3 cr.

\*Students must complete FAVA 1026, FAVA 1027, FAVA 1206 and FAVA 1207 with a minimum grade of 60%.

*Students are limited to a maximum of 54 credits in Fine Arts.*

#### Other Program Requirements

Science	6 cr.
Social Science	6 cr.
Electives	42 cr.

For complete Bachelor of Arts (3-Year General) degree requirements, please refer to that section of the Calendar.

### Bachelor of Arts (3-Year General) - Combined Major

Students must complete 90 credits including a minimum of 30 credits in Fine Arts and a minimum of 30 credits in another discipline. The second major must include all of the required courses specified for that discipline. The Fine Arts requirements are:

* FAVA 1026	Art Fundamentals I	3 cr.
* FAVA 1027	Art Fundamentals II	3 cr.
* FAVA 1206	Art History I	3 cr.
* FAVA 1207	Art History II	3 cr.
FAVA 2006	Drawing I	3 cr.
FAVA 2007	Drawing II	3 cr.
FAVA 2026	Painting I	3 cr.
FAVA 2027	Painting II	3 cr.
FAVA 3086	Life Drawing I	3 cr.
FAVA 3087	Life Drawing II	3 cr.

\*Students must complete FAVA 1026, FAVA 1027, FAVA 1206 and FAVA 1207 with a minimum grade of 60%.

*Students are limited to a maximum of 54 credits in Fine Arts.*

#### Other Program Requirements

Major 2	30 cr.
Science	6 cr.
Social Science	6 cr.
Electives	18 cr.

For complete Bachelor of Arts (3-Year General) degree requirements, please refer to that section of the Calendar.

### Minor in Fine Arts

A minor in Fine Arts is available to students pursuing a major in another discipline. A minor consists of a minimum of 24 credits in a discipline, with at least six credits at the first year level and at least six credits at the upper year level. Cross-coded and cross-listed courses may count towards a minor if they have not been used elsewhere to complete program requirements. A minimum grade of 60 % is required in the introductory course(s) presented for the minor.

### Fine Arts Courses

#### FAVA 1026 Art Fundamentals I

Prerequisite: No prerequisite.

Anti-requisite: FAVA 1015

Hours: One hour of lecture and three hours of laboratory work per week for one term.

Credits: 3

This course introduces the elements and principles of two and three-dimensional design as they apply to Fine Arts/Visual Arts. The student will be introduced to a variety of materials, methods, and theoretical concepts related to drawing and painting. *Offered every year.*

#### FAVA 1027 Art Fundamentals II

Prerequisite: FAVA 1026

Anti-requisite: FAVA 1015

Hours: One hour of lecture and three hours of laboratory work per week for one term.

Credits: 3

This course is a continuation of FAVA 1026 and further develops the elements and principles of two and three-dimensional design as they apply to Fine Arts/Visual Arts. The student will be introduced to a variety of materials, methods, and theoretical concepts related to drawing and painting. *Offered every year.*

#### FAVA 1206 Art History I

Prerequisite: No prerequisite.

Anti-requisite: FAVA 1205

Hours: Three hours of lecture per week for one term.

Credits: 3

This course explores fundamental themes in the history of western art in a non-chronological manner to introduce problems in style, theory, and cultural differences. Topics such as landscape, the figure, architectural space and form, religious images, fantasy, recurrence of symbols, and other major aspects of art are examined with reference to the arts of today from pre-historic to 1400 C.E. *Offered in 2004-2005.*

**FAVA 1207 Art History II**

Prerequisite: FAVA 1206

Anti-requisite: FAVA 1205

Hours: Three hours of lecture per week for one term.

Credits: 3

This course explores fundamental themes in the history of western art from about 1400 to 1980. Topics such as landscape, the figure, architectural space and form, religious images, fantasy, recurrence of symbols, and other major aspects of western art are examined with reference to the arts of today. *Offered in 2004-2005.*

**FAVA 2006 Drawing I**

Prerequisite: FAVA 1027

Anti-requisite: FAVA 2085

Hours: One hour of lecture and three hours of laboratory work per week for one term.

Credits: 3

This course introduces the theory and practice of drawing, using both traditional and exploratory approaches. The basic elements of perspective and classical lighting develop the student's three-dimensional sense in terms of space and form. *Offered in 2004-2005.*

**FAVA 2007 Drawing II**

Prerequisite: FAVA 2006

Anti-requisite: FAVA 2085

Hours: One hour of lecture and three hours of laboratory work per week for one term.

Credits: 3

This course is a continuation of FAVA 2006 using drawing foundation practices. The course involves still life and life studies in black and white and introduces colour media. *Offered in 2004-2005.*

**FAVA 2026 Painting I**

Prerequisite: FAVA 1027

Anti-requisite: FAVA 2025

Hours: One hour of lecture and three hours of laboratory work per week for one term.

Credits: 3

This studio course explores the practical and theoretical concerns of painting in watercolour, oils and acrylics. Emphasis is placed on how the student manages basic painting; the fundamentals of easel painting; theory and chemistry of paint; structure of tools; and variety of traditional methods, e.g. glaze, impasto and underpainting. *Offered in 2004-2005.*

**FAVA 2027 Painting II**

Prerequisite: FAVA 2026

Anti-requisite: FAVA 2025

Hours: One hour of lecture and three hours of laboratory work per week for one term.

Credits: 3

This studio course is a continuation of FAVA 2026 and involves work in painting designed to increase the ability to deal with painting techniques through appropriate practical means. *Offered in 2004-2005.*

**FAVA 2045 Design and Colour**

Prerequisite: FAVA 1026 and FAVA 1027

Credits: 6

This is a studio course which investigates the basic principles and theories of two and three dimensional design. Colour is studied in theory and practice. Through design and discovery, the student will explore various media.

**FAVA 2236 Modern Art and Design History I**

Prerequisite: FAVA 1207

Anti-requisite: FAVA 2235

Hours: Three hours of lecture per week for one term.

Credits: 3

This course provides a comprehensive survey of major art and design movements from about 1800 to about 1900. It explores art and design theory and practice with an emphasis on the inter-relationships of style, technique, and culture.

**FAVA 2237 Modern Art and Design History II**

Prerequisite: FAVA 2236

Anti-requisite: FAVA 2235

Hours: Three hours of lecture per week for one term.

Credits: 3

This course is a continuation of FAVA 2236 and provides a comprehensive survey of major art and design movements from about 1900 to the present. It explores art and design theory and practice with an emphasis on the inter-relationships of style, technique, and culture.

**FAVA 3025 Advanced Painting**

Prerequisite: FAVA 2026 and FAVA 2027

Credits: 6

This is an advanced studio course in the practical and theoretical concerns of painting. The student is expected to develop a level of "professionalism" in producing a series of portfolio works utilizing traditional and/or contemporary means of painting.

**FAVA 3036 Advanced Studio in Art**

Prerequisite: No prerequisite.

Co-requisite: FAVA 3086 or FAVA 3087

Hours: One hour of lecture and three hours of laboratory work per week for one term.

Credits: 3

This is an advanced studio course in the practical and theoretical concerns of drawing and painting. The student is expected to develop a level of "professionalism" in producing a series of portfolio works utilizing traditional and/or contemporary means of drawing and painting. *Offered in 2004-2005.*

**FAVA 3047 Seminar in Art**

Prerequisite: No prerequisite.

Co-requisite: FAVA 3086 or FAVA 3087

Hours: Three hours of lecture per week for one term.

Credits: 3

This course focuses on the development of form and communication through independent studio/theory research.

**FAVA 3086 Life Drawing I**

Prerequisite: FAVA 2007

Anti-requisite: FAVA 3085

Hours: One hour of lecture and three hours of laboratory work per week for one term.

Credits: 3

This is an advanced studio course focusing on practical and theoretical concerns of life drawing as a basic concept of Fine Arts and Visual Arts. Emphasis is on the human body and basic anatomy (skeletal and muscle developments). *Offered in 2004-2005.*

**FAVA 3087 Life Drawing II**

Prerequisite: FAVA 3086

Anti-requisite: FAVA 3085

Hours: One hour of lecture and three hours of laboratory work per week for one term.

Credits: 3

This course is a continuation of FAVA 3086 and involves further study and work in life drawing. *Offered in 2004-2005.*

**FAVA 3376 Canadian Art History I**

Prerequisite: FAVA 1207

Anti-requisite: FAVA 3375

Hours: Three hours of lecture per week for one term.

Credits: 3

This art and design history course explores various themes selected from Canadian visual cultural history from 1500 to 1900 and examines problems of changing values in society. The contributions of both indigenous and immigrant groups will be included. *Offered in 2004-2005.*

**FAVA 3377 Canadian Art History II**

Prerequisite: FAVA 3376

Anti-requisite: FAVA 3375

Hours: Three hours of lecture per week for one term.

Credits: 3

This art and design history course is a continuation of FAVA 3376 and explores various themes selected from Canadian visual cultural history from 1900 to present and examines problems of changing values in society. The contributions of both indigenous and immigrant groups will be included. *Offered in 2004-2005.*

**Cross-Listed Courses**

The following courses may be credited towards Fine Arts: CLAS 2506, CLAS 2507, GEND 2045, GEND 2216, GEND 2306, and PHIL 2405.

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# French

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**Minor in French**

A minor in French is available to students pursuing a major in another discipline.

Prior to taking their first French course, students are required to write the Nipissing University French placement test. This test will evaluate the language competency of students and enable them to enroll in the appropriate language level. Students who have tested at a level equivalent to or greater than FREN 2007 may pursue their French studies in any upper level courses (e.g. FREN 2106, FREN 3006, etc.) The Faculty of Arts and Science French placement test and the French minor are distinct from the French proficiency requirement for admission to the Faculty of Education. Students should consult the Faculty of Education for details on those requirements.

To obtain a minor in French, students must complete a minimum of 24 credits as follows:

Twelve credits from the following:

12 cr.

FREN 2006	Français intermédiaire I
FREN 2007	Français intermédiaire II
FREN 2106	Histoire générale des littératures et des cultures d'expression française I
FREN 2107	Histoire générale des littératures et des cultures d'expression française II
FREN 2206	La littérature canadienne-française
FREN 2207	La littérature française pour la jeunesse

Twelve credits from the following:

12 cr.

FREN 3006	Français avancé I
FREN 3007	Français avancé II
FREN 3106	Grammaire appliquée du français oral et écrit I
FREN 3107	Grammaire appliquée du français oral et écrit II
FREN 3207	Composition française
FREN 3307	Communication d'affaires

**French Courses****FREN 1006 Pre-Introductory French**

Prerequisite: Minimum Grade 10 French (or equivalent) and placement test.

This course may not be credited towards a minor in French.

Anti-requisite: FREN 1115

Hours: Three hours of lecture per week for one term.

Credits: 3

Introduction à la grammaire française par l'entremise de travaux écrits et oraux. Les étudiants feront aussi de courtes présentations et des compositions simples. FREN 1006 is taught completely in French. *Offered every year.*



**FREN 1106 Introductory French I**

Prerequisite: FREN 1006 or minimum Grade 12 French (or equivalent) and placement test equivalency of FREN 1006. This course may not be credited towards a minor in French. Anti-requisite: FREN 1005  
Hours: Three hours of lecture per week for one term.  
Credits: 3

Les notions élémentaires de la grammaire française sont étudiées tout particulièrement, les adjectifs, les noms, les articles, les pronoms, les adverbes, les verbes (présent, impératif et futur proche). Exercices de prononciation orale et de compréhension écrite ainsi que des présentations et des compositions. FREN 1106 is taught completely in French. *Offered every year.*

**FREN 1107 Introductory French II**

Prerequisite: FREN 1106 or placement test equivalency of FREN 1106. This course may not be credited towards a minor in French. Anti-requisite: FREN 1005  
Hours: Three hours of lecture per week for one term.  
Credits: 3

Nous poursuivons l'étude des notions élémentaires de la grammaire française tout particulièrement les pronoms, les adverbes, les verbes (au passé composé, à l'imparfait et au futur simple) et les verbes pronominaux. Exercices de prononciation orale et de compréhension écrite ainsi que des présentations et des compositions. FREN 1107 is taught completely in French. *Offered every year. Also offered in Spring 2004.*

**FREN 2006 Français intermédiaire I**

Prerequisite: FREN 1107 or placement test equivalency of FREN 1107. Anti-requisite: FREN 2005  
Hours: Trois heures par semaine.  
Credits: 3

Ce cours est donné complètement en français. Ce cours est une révision des notions élémentaires de la grammaire française tout particulièrement les verbes (futur simple et antérieur, conditionnel présent et passé, plus-que-parfait) ainsi que la concordance des temps. Exercices de prononciation orale, de grammaire, de lecture et de compréhension écrite. Exercices pratiques de la conversation et de la rédaction. *Offered every year.*

**FREN 2007 Français intermédiaire II**

Prerequisite: FREN 2006 or placement test equivalency of FREN 2006. Anti-requisite: FREN 2005  
Hours: Trois heures par semaine.  
Credits: 3

Ce cours est donné complètement en français. Ce cours est une révision des notions élémentaires de la grammaire française tout particulièrement les verbes (subjonctif présent et passé) ainsi que le discours direct et la révision de la voix passive d'une phrase. Exercices de prononciation orale, de grammaire, de lecture et de compréhension écrite. Exercices pratiques de la conversation avec des présentations orales et de la rédaction avec des compositions. Pratique de la lecture avec analyse de vocabulaire. *Offered every year.*

**FREN 2106 Histoire générale des littératures et des cultures d'expression française I**

Prerequisite: FREN 2007 or placement test equivalency of FREN 2007. Anti-requisite: FRAN 1105  
Hours: Trois heures par semaine.  
Credits: 3

Définition des notions de culture et de littérature. Survol de l'histoire de la littérature d'expression française en France et dans les principaux pays de la francophonie. À partir de quelques extraits d'auteurs, ce cours est une approche des mouvements littéraires et artistiques les plus représentatifs du Moyen Âge jusqu'au Classicisme. Exercices spécialisés tels que présentations orales et compositions françaises.

**FREN 2107 Histoire générale des littératures et des cultures d'expression française II**

Prerequisite: FREN 2007 or placement test equivalency of FREN 2007. Anti-requisite: FRAN 1105  
Hours: Trois heures par semaine.  
Credits: 3

Définition des notions de culture et de littérature. Survol de l'histoire de la littérature d'expression française en France et dans les principaux pays de la francophonie. À partir de quelques extraits d'auteurs, ce cours est une approche des mouvements littéraires et artistiques les plus représentatifs du Classicisme jusqu'à l'Époque moderne. Exercices spécialisés tels que présentations orales et compositions françaises. *Offered every second year. Next offered in 2005-2006.*

**FREN 2206 La littérature canadienne-française**

Prerequisite: FREN 2007 or placement test equivalency of FREN 2007. Anti-requisite: FRAN 2525  
Hours: Trois heures par semaine.  
Credits: 3

Introduction à la littérature canadienne-française et québécoise. Lecture et analyse de textes représentatifs - romans, poèmes, pièces théâtrales. Lectures obligatoires d'oeuvres choisies, comptes rendus et commentaires de textes. *Offered in 2004-2005.*

**FREN 2207 La littérature française pour la jeunesse**

Prerequisite: FREN 2007 or placement test equivalency of FREN 2007. Hours: Trois heures par semaine.  
Credits: 3

Survol de l'histoire de la littérature française de la jeunesse du XVII<sup>e</sup> siècle jusqu'à l'Époque moderne. Interprétation de différents textes littéraires: le texte et l'image, le conte de fées, le théâtre, le roman, etc. Lectures et analyses d'oeuvres diverses. Réflexions critiques sur les rapports entre la vie et l'oeuvre. Ce cours est un atout pour les étudiants(es) qui veulent poursuivre leurs études dans l'enseignement aux niveaux primaires et intermédiaires. *Offered every second year. Offered in 2004-2005. Also offered in Spring 2004.*

**FREN 3006 Français avancé I**

Prerequisite: FREN 2007 or placement test equivalency of FREN 2007.

Anti-requisite: FREN 3005

Hours: Trois heures par semaine.

Credits: 3

Exercices spécialisés: grammaire, vocabulaire, expression orale et composition française. Assimiler et utiliser des structures grammaticales plus complexes. Révision de la ponctuation, le nom, le déterminant, le pronom et les verbes du premier groupe. Faire le lien entre la grammaire, la langue parlée et la langue écrite. *Offered every year.*

**FREN 3007 Français avancé II**

Prerequisite: FREN 2007 or placement test equivalency of FREN 2007.

Anti-requisite: FREN 3005

Hours: Trois heures par semaine.

Credits: 3

Exercices spécialisés: grammaire, vocabulaire, expression orale et composition française. Assimiler et utiliser des structures grammaticales plus complexes. Révision des verbes (particulièrement le passé composé). Faire le lien entre la grammaire, la langue parlée et la langue écrite. Discuter les arguments présentés et faire valoir ses propres opinions. Étude de roman canadien-français. Ce cours est un atout pour les étudiants(es) qui aimeraient tenter le test de bilinguisme. *Offered every second year. Offered in 2004-2005.*

**FREN 3106 Grammaire appliquée du français oral et écrit I**

Prerequisite: FREN 2007 or placement test equivalency of FREN 2007.

Anti-requisite: FRAN 1605

Hours: Trois heures par semaine.

Credits: 3

Perfectionner ses connaissances grammaticales tout particulièrement l'emploi de la majuscule, la ponctuation, le nom, le pronom, le déterminant, l'adjectif qualificatif et les homophones. Appliquer diverses notions grammaticales et syntaxiques à ses productions orales et écrites. Fournir les outils nécessaires pour rédiger un résumé de texte.

**FREN 3107 Grammaire appliquée du français oral et écrit II**

Prerequisite: FREN 2007 or placement test equivalency of FREN 2007.

Anti-requisite: FRAN 1605

Hours: Trois heures par semaine.

Credits: 3

Perfectionner ses connaissances grammaticales tout particulièrement le verbe, l'accord du participe passé, l'adverbe et les anglicismes. Appliquer diverses notions grammaticales et syntaxiques à ses productions orales et écrites. Fournir les outils nécessaires pour rédiger une critique. Faire le lien entre la grammaire, la langue parlée et la langue écrite afin de présenter un exposé oral informatif. *Offered every second year. Next offered in 2005-2006.*

**FREN 3207 Composition française**

Prerequisite: FREN 2007 or placement test equivalency of FREN 2007.

Hours: Trois heures par semaine.

Credits: 3

Ce cours a pour but de perfectionner l'art de la composition et de poursuivre l'apprentissage de la grammaire. La syntaxe est mise en étude et le vocabulaire est enrichi. La description d'une maison, la nature, le portrait, la narration, le dialogue littéraire, la correspondance, la dissertation morale et la dissertation littéraire sont étudiés afin d'être capable de rédiger une variété de compositions. *Offered every second year. Offered in 2004-2005.*

**FREN 3307 Communication d'affaires**

Prerequisite: FREN 2007 or placement test equivalency of FREN 2007.

Hours: Trois heures par semaine.

Credits: 3

Ce cours est désigné à aider l'étudiant(e) à lire, transcrire et mettre en forme le courrier d'affaires simple et complexe. Appliquer les caractéristiques propres au style de la correspondance d'affaires. Rédiger et mettre en forme des lettres, des communications d'affaires et des rapports d'usage courant. Effectuer les tâches relatives à l'organisation et au suivi des réunions d'affaires, en plus des voyages d'affaires. Rédiger et mettre en forme les documents concernant la recherche d'un emploi. Utiliser correctement les expressions propres au français des affaires. *Offered every second year. Offered in 2004-2005.*

# Gender Equality and Social Justice

## Undergraduate Degrees

- Bachelor of Arts (Honours) - Combined Major
- Bachelor of Arts (3-Year General)

## Gender Equality and Social Justice Courses

- GEND 1025 Introduction to Gender Equality and Social Justice  
 GEND 4005 Honours Essay

### Group 1

- GEND 2055 Women and Diversity  
 GEND 2156 Gender and the Law I  
 GEND 2157 Gender and the Law II  
 GEND 2166 Women, Media and Representation  
 GEND 2217 Gender and the Media: Themes and Controversies  
 GEND 2226 The Inquisition and the European Witch Craze

### Group 2

- GEND 3007 Feminist Theories and Perspectives  
 GEND 3116 Women and Western Religions  
 GEND 3117 Gender and the Bible  
 GEND 3206 Persecution, Human Rights and International Justice  
 GEND 3306 Perspectives on Power and Equality

### Group 3

- GEND 2006 Gender and Education I  
 GEND 2007 Gender and Education II  
 GEND 2045 Women and Art History  
 GEND 2206 Sex, Body, and Identity I  
 GEND 2207 Sex, Body, and Identity II  
 GEND 2216 Gender, Culture and Textiles  
 GEND 2306 Art and Social Justice  
 GEND 2305 Women in Cinema  
 GEND 2406 Gender and Performance I  
 GEND 2407 Gender and Performance II  
 GEND 3055 Special Topics in Women's Studies  
 GEND 3056 Topics in Gender Relations  
 GEND 3126 Sex and the History of Medicine and Psychiatry  
 GEND 3127 Gender, Globalization and Human Rights

### Group 4

- ADMN 3307 Gender and Diversity in Organizations  
 CLAS 3096 Women in Classical Greece  
 CLAS 3097 Women in Classical Rome  
 CRJS 3336 Women and the Criminal Justice System  
 ENGL 2206 Gender, Literature, and Culture I  
 ENGL 2207 Gender, Literature, and Culture II  
 ENGL 3206 Special Topics in Women's Literature I  
 ENGL 3207 Special Topics in Women's Literature II  
 HIST 2236 Selected Topics in Women's History

- HIST 2237 A History of the Women's Movement  
 HIST 2246 Selected Topics in Women's History  
 HIST 3356 History of Women in Canada  
 PHIL 2606 Gender and Philosophy I  
 PHIL 2607 Gender and Philosophy II  
 PHIL 3205 Philosophy of Sex and Love  
 POLI 3535 Women and Politics in Canada  
 RLCT 3026 Women and the Feminine in Eastern Religions I  
 RLCT 3027 Women and the Feminine in Eastern Religions II  
 SOCI 3246 Gender and International Development  
 SWLF 3445 Women and Social Welfare  
 SWLF 3805 Abuse and Violence Within the Family

Cross-listed courses may also require prerequisites in the disciplines concerned. Please see their respective section of the Calendar.

## Bachelor of Arts (Honours) - Combined Major

Students must complete 120 credits including a minimum of 42 credits in Gender Equality and Social Justice and a minimum of 42 credits in another discipline. The second major must include all of the required courses specified for that discipline. The Gender Equality and Social Justice requirements are as follows:

- |  |        |
|--|--------|
| * GEND 1025 Introduction to Gender Equality and Social Justice | 6 cr.  |
| Group 1  | 6 cr.  |
| Group 2  | 6 cr.  |
| Group 3 or 4 (and Group 1 or 2 not used to satisfy above)      | 18 cr. |
| GEND 4005 Honours Essay  | 6 cr.  |

\*Students must complete GEND 1025 with a minimum grade of 60%.

*Students are limited to a maximum of 84 credits in Gender Equality and Social Justice.*

### Other Program Requirements

- |            |        |
|------------|--------|
| Major 2    | 42 cr. |
| Humanities | 6 cr.  |
| Science    | 6 cr.  |
| Electives  | 24 cr. |

For complete Bachelor of Arts (Honours) degree requirements, please refer to that section of the Calendar.

## Bachelor of Arts (3-Year General) - Single Major

Students must complete 90 credits including 36 credits in the major as follows:

- |  |        |
|--|--------|
| * GEND 1025 Introduction to Gender Equality and Social Justice | 6 cr.  |
| Group 1  | 6 cr.  |
| Group 2  | 6 cr.  |
| Group 3 or 4 (and Group 1 or 2 not used to satisfy above)      | 18 cr. |

\*Students must complete GEND 1025 with a minimum grade of 60%.

*Students are limited to a maximum of 54 credits in Gender Equality and Social Justice.*

#### Other Program Requirements

Humanities	6 cr.
Science	6 cr.
Electives	42 cr.

For complete Bachelor of Arts (3-Year General) degree requirements, please refer to that section of the Calendar.

### Bachelor of Arts (3-Year General) - Combined Major

Students must complete 90 credits including a minimum of 30 credits in Gender Equality and Social Justice and a minimum of 30 credits in another discipline. The second major must include all of the required courses specified for that discipline. The Gender Equality and Social Justice requirements are as follows:

GEND 1025 Introduction to Gender Equality and Social Justice	6 cr.
Group 1	6 cr.
Group 2	6 cr.
Group 3 or 4 (and Group 1 or 2 not used to satisfy above)	12 cr.

\*Students must complete GEND 1025 with a minimum grade of 60%.

*Students are limited to a maximum of 54 credits in Gender Equality and Social Justice.*

#### Other Program Requirements

Major 2	30 cr.
Humanities	6 cr.
Science	6 cr.
Electives	18 cr.

For complete Bachelor of Arts (3-Year General) degree requirements, please refer to that section of the Calendar.

### Minor in Gender Equality and Social Justice

A minor in Gender Equality and Social Justice is available to students pursuing a major in another discipline. A minor consists of a minimum of 24 credits in a discipline, with at least six credits at the first year level and at least six credits at the upper year level. Cross-coded and cross-listed courses may count towards a minor if they have not been used elsewhere to complete program requirements. A minimum grade of 60 % is required in the introductory course(s) presented for the minor.

### Gender Equality and Social Justice Courses

#### GEND 1025 Introduction to Gender Equality and Social Justice

Prerequisite: No prerequisite.

Anti-requisite: WOMN 1005

Hours: Three hours of lecture per week.

Credits: 6

Studies in Gender Equality and Social Justice is an interdisciplinary program that examines the social and cultural construction of gender, and the way this affects our systems of knowledge and institutions, our public and private relationships, and the quality of our lives. This introductory course offers a range of interdisciplinary perspectives on the work, status and lives of women in our local, national and global communities. It provides an overview of the history of gender inequality and the contributions of men and women to changing our social, economic, political and legal status. This course will examine popular issues and controversial debates that have been central to the development of women's studies, gender studies, and the equality rights movement, including topics such as new genetic technologies, pornography, fashion, media, euthanasia, sexual violence, hate crimes, and human rights. Students will be challenged to develop informed arguments, and to assess their impact on the lives of different groups of people -- men and women, visible minorities, and those of different religions and orientations. *Offered every year.*

#### GEND 2006 Gender and Education I

Prerequisite: No prerequisite.

Restricted to upper level students.

Hours: Three hours of lecture per week for one term.

Credits: 3

This course will explore the impact of gender and gender role expectations on schooling and students' learning. Starting from the understanding that children are affected by societal attitudes and gender role expectations, the course will consider how gender, as well as other social locations such as race, class, sexuality and ability, influence students' educational experiences. Students will become familiar with some of the challenges inherent in education and have the opportunity to begin thinking critically about how change may be introduced. *Offered in Summer 2004.*

#### GEND 2007 Gender and Education II

Prerequisite: No prerequisite.

Restricted to upper level students.

Hours: Three hours of lecture per week for one term.

Credits: 3

As the educational system faces challenges to become more responsive to an increasingly globalized world, issues of difference based on gender and other social locations are also demanding attention. This course will explore the impact of the changing status of women in higher education. Through an analysis of the literature on gender and education, students will have the opportunity to consider how women and men are differentially impacted by traditional teaching practices as well as the academic culture. *Offered in Summer 2004.*

**GEND 2045 Women and Art History**

Prerequisite: No prerequisite.

Hours: Three hours of lecture per week.

Credits: 6

This course examines the ideologies that have shaped women as producers of art and as representations in art. It considers the structures of power that enable or legitimize certain artists and art practices while simultaneously excluding others across diverse social, historical, and cultural contexts. Central themes include sexuality and cultural difference, and topics may include feminist re-readings of male-produced art, gender analyses of the notion of genius, representations of the female body, and critical evaluations of the historical canon of art. This course may be credited towards Fine Arts. *Offered in 2004-2005. Also offered in Muskoka 2004-2005.*

**GEND 2055 Women in Diversity**

Prerequisite: GEND 1025 or WOMN 1005

Anti-requisite: WOMN 2055

Hours: Three hours of lecture per week.

Credits: 6

This is a foundational course in Gender Equality and Social Justice which develops an integrated understanding of women's diverse and often conflicting social/political locations. The aim of this course is to provide analytic tools, conceptual frameworks and historical/comparative perspectives on the many factors which influence women's access to resources and well-being. This course is interdisciplinary in its approach and may include fiction, contemporary art forms, media analysis, etc., as well as social and political categories of analysis.

**GEND 2156 Gender and the Law I: Law and Sexual Difference**

Prerequisite: Any course in, or cross-listed with, Gender Equality and Social Justice .

Anti-requisite: WOMN 2156

Hours: Three hours of lecture per week for one term.

Credits: 3

This course provides an overview of gender issues and their relation to historical and contemporary laws. We will examine the impact of various laws on the changing status of men and women in Canadian society. Through a study of influential cases and legal reforms in areas such as human rights, crime, family relations, and civil rights, we will evaluate the operation of gender bias within the legal system and its effect on the quality of our lives. Through a study of Constitutional challenges we will also trace traditional and modern ideas of equality and fairness as they pertain to sexual, racial and class difference. This course may be credited towards Sociology. *Offered every year.*

**GEND 2157 Gender and the Law II: Women and Justice**

Prerequisite: GEND 2156

Anti-requisite: WOMN 2157

Hours: Three hours of lecture per week for one term.

Credits: 3

This course will examine a range of contemporary issues and debates concerning sexual politics and social justice. We will study the history of women's engagement with the law and the development of feminist approaches to achieving equality and social justice, particularly as they relate to topics that have been central to the women's movement. We will study the work of government and non-government organizations to change existing laws and social policies to answer to the changing needs and

concerns of Canadian society. With this approach, we will review the notions of justice that guide these initiatives, and evaluate both their success and failure in achieving social and legal reform. This course may be credited towards Sociology. *Offered in 2004-2005.*

**GEND 2166 Women, Media and Representation**

Prerequisite: Any course in, or cross-listed with, Gender Equality and Social Justice.

Anti-requisite: FILM 2166, WOMN 2166

Hours: Three hours of lecture per week for one term.

Credits: 3

The body has always occupied a central place in the Western imagination, and images of women in particular, have long been a part of our everyday world. In this course, we will consider the different ways in which women have been represented through various mediums, from fine arts, film and television, to the print media, magazines, and more recently, the Internet. We will review contemporary cultural theories of representation and sexual difference, as well as recent debates in feminist media studies, and feminist theory that have provided an opportunity to understand the impact of representation on human experience. The course will focus not only on how women have been represented by others, but also on how women, in more recent years, have been choosing to influence the means of representation. This course may be credited towards Film and English Studies. *Offered in 2004-2005.*

**GEND 2206 Sex, Body, and Identity I**

Prerequisite: No prerequisite.

Hours: Three hours of lecture per week for one term.

Credits: 3

Sex, Body, and Identity I aims to provide students with a forum for thinking critically about how individuals learn, perform and experience their gendered identities. To approach the question of gender from a critical perspective, students will be asked to reflect on a number of theoretical questions. First, what exactly is "gender" and how is it different from "sex"? Second, how have feminist theorists, inspired by a variety of perspectives, made sense of gender and its implications for lived experience? Third, how are social imperatives related to femininity and masculinity both internalized and held in check by a vast constellation of concrete and abstract forces? Fourth, how do prevailing conceptions of femininity and masculinity condition our relationships to our own bodies and the bodies of others? Finally, how are the gendered norms and values that anchor themselves on the bodies and minds of human beings caught up in broader patterns of inequality and oppression? This course is suitable for students who do and do not have a background in women's studies or gender studies.

**GEND 2207 Sex, Body, and Identity II**

Prerequisite: No prerequisite.

Hours: Three hours of lecture per week for one term.

Credits: 3

While Sex, Body, and Identity I endeavors to look closely at how specifically gendered ways of being are sustained in and through the every day lives of women and men, this course proposes to delve deeper into the underpinnings of gender identity. In Sex, Body, and Identity II, students will take a multifaceted approach to unpacking this phenomenon we call "gender" by asking a number of fundamental questions, such as: Is gender necessarily rooted in nature and biology? Does gender have an essence? Have medical and scientific apparatuses participated in the production of gender as both a bodily category and as a way

of being, thinking and desiring? Do the phenomena of intersexuality and transsexuality destabilize the gender order as we know it? We will engage such questions and concepts by means of lectures, class discussions, and group analyses of recent films and literature.

### **GEND 2216 Gender, Culture and Textiles**

Prerequisite: No prerequisite.

Hours: Three hours of lecture per week for one term.

Credits: 3

This course studies the history of textiles from the Renaissance to the 20th century, as a means of examining the role of traditional and institutional structures in the formation of gender and cultural stereotypes. Drawing on art historical writing and works of art, this course will explore the way that social meanings and assumptions about sex and gender difference are related to textile production. Topics will include an analysis of how capitalism and industrialization have differently positioned men as artisans and women as sweatshop workers. This course may be credited towards Fine Arts.

### **GEND 2217 Gender and the Media: Themes and Controversies**

Prerequisite: Any course in, or cross-listed with Gender Equality and Social Justice.

Hours: Three hours of lecture per week for one term.

Credits: 3

This course examines the media's role in the representation of gender through a close examination of various themes and issues. While the issues will vary from year to year, they may include topics such as gender and sport, sexuality and violence, power and politics, and media ownership. Students will be encouraged to develop critical reading and analytic skills, and to apply them to analyze a range of different media, including the internet, television, magazines and radio. This course may be credited towards English Studies. *Offered in 2004-2005.*

### **GEND 2226 The Inquisition and the European Witch Craze**

Prerequisite: Any course in, or cross-listed with, Gender Equality and Social Justice.

Hours: Three hours of lecture per week for one term.

Credits: 3

This course investigates the social, political, and legal conditions that made possible the persecution of women as witches under inquisitorial and secular regimes of punishment and control. Venturing into the darker side of the late Middle Ages and Renaissance, we will look at the rise of the inquisition and the criminalization and subsequent decriminalization of heresy, sorcery, and witchcraft. Through analyses of literary, legal and philosophical debates that were implicated in the rise and decline of the witch hunts, we will consider how such phenomena have been implicated in the changing legal status of men and women, and the representation of women in the literature of various disciplines, such as psychology, law, religion and science. *Offered in 2004-2005.*

### **GEND 2305 Women in Cinema**

Prerequisite: No prerequisite.

Anti-requisite: FILM 2305

Hours: Three hours of lecture per week.

Credits: 6

This course examines the portrayal of women in both mainstream and alternative cinema, including the influence of social,

economic and political forces on developing roles of women in film and a comparison of the representation of women on the screen with the actuality of their lives in society. These issues are studied in the context of the representation of gender in American and European films, the Hollywood star system, acting styles, narrative forms, and theories of spectatorship and identification. A wide variety of significant films are screened and discussed, including the work of women directors. This course may be credited towards English Studies.

### **GEND 2306 Art and Social Justice**

Prerequisite: No prerequisite.

Hours: Three hours of lecture per week for one term.

Credits: 3

Throughout history, artistic expression has been used to address such politicized issues as gender and sexuality, race and ethnicity, as well as forms of power and equality. This course will focus on a range of issues and debates concerning art, politics and social justice. Our study will include a variety of media, including textiles used to depict life under the repressive Chilean military government, the Mexican muralist projects, the art of the Depression, feminist approaches to art, artistic responses to AIDS (such as the NAMES Project AIDS Quilt), as well as current themes in art and society. Through this study, we will consider the notion of "political art" as well as its effectiveness in terms of creating social change. This course may be credited towards Fine Arts.

### **GEND 2406 Gender and Performance I**

Prerequisite: No prerequisite.

Hours: Three hours of lecture per week for one term.

Credits: 3

Examining performance issues through an interdisciplinary perspective, this course focuses on ways in which gender affects modes of expressive culture particularly in music, and the ways in which expressive culture impacts on issues of gender definition. This course may be credited towards Music. *Offered in Spring 2004.*

### **GEND 2407 Gender and Performance II**

Prerequisite: GEND 2406

Hours: Three hours of lecture per week for one term.

Credits: 3

This course offers a critical examination of acts of everyday performance and more formal literary, theatrical, as well as music and dance performance. Among themes investigated are: the roles of music and dance in relation to constructions of nationhood and identity; modernity and boundaries of nature/culture; new approaches to reading the gendering of traditional, popular culture, music and dance "texts"; "transgressive" and transformative performance. This course may be credited towards Music. *Offered in Spring 2004.*

### **GEND 3007 Feminist Theories and Perspectives: Contemporary Issues**

Prerequisite: Any course in, or cross-listed with, Gender Equality and Social Justice.

Anti-requisite: WOMN 3007 and WOMN 3005

Hours: Three hours of lecture per week for one term.

Credits: 3

This course will examine a range of contemporary feminist debates and contested issues. We will study current themes, influential arguments, and theoretical perspectives on topics pertaining to the sciences, social sciences and humanities, and

the impact of feminist perspectives on the changing shape and content of these disciplines. Students will also become familiar with critical strategies and methodologies used by feminist theorists, such as deconstruction and genealogies of sexual identity, sexual difference, systems of power, and race relations. The course will cultivate the critical and analytical skills to evaluate the readings in various fields of study, and to apply feminist models for understanding relations of power, knowledge, and sex in multi-disciplinary studies. *Offered every year.*

### **GEND 3055 Special Topics in Gender Studies**

Prerequisite: No prerequisite.

Anti-requisite: WOMN 3055

Hours: Three hours of lecture per week.

Credits: 6

The theme and content of this course will change from year to year. Topics may include culture, language, politics, institutions and social relations. The specific topics and course description will be made available to students during registration in each year of offering.

### **GEND 3056 Topics in Gender Relations**

Prerequisite: No prerequisite.

Anti-requisite: WOMN 3056

Hours: Three hours of lecture per week for one term.

Credits: 3

Students will be introduced to topical issues relating to the changing relations of men and women in historical and contemporary societies. Topics may include sexuality, sexual politics, power, equality, and difference.

### **GEND 3116 Women and Western Religions**

Prerequisite: RLST 1020 or any course in, or cross-listed with, Gender Equality and Social Justice.

Anti-requisite: RLCT 3116 and RLST 3116 and WOMN 3116

Hours: Three hours of lecture per week for one term.

Credits: 3

Christianity remains the most influential and dominant religion of Western culture. Its influence extends far beyond the obvious bounds of the Church. In this course we will focus particularly on the relations of Christianity to sex roles and sexual politics in Western Culture. We will examine the practices and beliefs of Christian religions with respect to sexuality, and the impact they have had on the changing status of women. Students will be introduced to contemporary studies of women and the Church. We will look at recent debates within Feminist Theology and their role in reconceptualizing the place of women in the study of religion and spirituality. *Offered in 2004-2005.*

### **GEND 3117 Gender and the Bible**

Prerequisite: RLST 1020 or any course in, or cross-listed with, Gender Equality and Social Justice.

Anti-requisite: WOMN 3117

Hours: Three hours of lecture per week for one term.

Credits: 3

Drawing on specific writings and figures in orthodox and apocryphal texts of Judaism and Christianity, this course will explore the religious beliefs and values that have contributed to Western understandings of gender difference. It will examine the critical theologies and interpretive practices that have informed a range of issues such as family structures, and gender roles and responsibilities. The course will reflect on the extent to which the Biblical text continues to be a moral touchstone in contemporary

society. This course may be credited towards Religions and Cultures. *Offered in 2004-2005.*

### **GEND 3127 Gender, Globalization and Human Rights**

Prerequisite: SOCI 1015 or any course in, or cross-listed with, Gender Equality and Social Justice.

Hours: Three hours of lecture per week for one term.

Credits: 3

This course is designed to familiarize students with a range of issues related to gender and globalization. To achieve this end, the course will first endeavour to make sense of the concept of globalization; this will necessitate a look at how globalization is structured, how it operates and how it conditions both local and global contexts. The course will then focus on why women and men fare differently in the age of globalization, especially with respect to human rights, health, education and work. Third, the course will investigate how globalization relies on the informal and often invisible labour power of primarily young and disenfranchised female workers. Finally, we will discuss how various public interest groups have reacted to globalization and consider the strengths and weaknesses of proposed alternatives. This course may be credited towards Sociology. *Offered in 2004-2005.*

### **GEND 3206 Persecution, Human Rights and International Justice**

Prerequisite: Any course in, or cross-listed with, Gender Equality and Social Justice.

Hours: Three hours of lecture per week for one term.

Credits: 3

This course will examine specific regimes of ethnic and gender-related persecution, and their role in maintaining social and sexual oppression in different cultural contexts. This course may focus on phenomena as general as religious or judicial persecution and cultural genocide, such as the Inquisition, Naziism, and ethnic cleansing. We will also discuss the instruments and approaches of international organizations and institutions, such as the United Nations and international criminal tribunals to address human rights abuses and crimes against humanity. This course may be credited towards Sociology. *Offered in 2004-2005.*

### **GEND 3306 Perspectives on Power and Equality**

Prerequisite: Any course in, or cross-listed with, Gender Equality and Social Justice.

Anti-requisite: WOMN 3006

Hours: Three hours of lecture per week for one term.

Credits: 3

This course provides a broad historical examination of theories and perspectives of power, sexual difference, and gender equality. We will trace the relationship between the history of ideas and significant social events and revolutionary political activism that have taken place over the centuries. Our overview will include consideration of mainstream theoretical traditions, such as humanism, liberalism, socialism, and psychoanalysis, and their implications in the theory and development of race, class and gender analysis, feminist theories and perspectives, and social justice.

**GEND 4005 Honours Essay**

Prerequisite: Completion of required courses at the first and second year level. Restricted to students in the fourth year of the Combined Honours program in Gender Equality and Social Justice and approval of the discipline is required prior to registration. *Students wishing to take this course during the following Spring/Summer or Fall/Winter Session must apply in writing to the discipline no later than February 15.*  
Credits: 6

*Offered every year.*

**Cross-Listed Courses**

The following courses may be credited towards Gender Equality and Social Justice:

ADMN 3307	Gender and Diversity in Organizations
CLAS 3096	Women in Classical Greece
CLAS 3097	Women in Classical Rome
CRJS 3336	Women and the Criminal Justice System
ENGL 2206	Gender, Literature and Culture I
ENGL 2207	Gender, Literature and Culture II
ENGL 3206	Special Topics in Women's Literature I
ENGL 3207	Special Topics in Women's Literature II
HIST 2236	Selected Topics in Women's History
HIST 2237	A History of the Women's Movement
HIST 2246	Selected Topics in Women's History
HIST 3356	History of Women in Canada
PHIL 2606	Gender and Philosophy I
PHIL 2607	Gender and Philosophy II
PHIL 3205	Philosophy of Sex and Love
RLCT 3026	Women and the Feminine in Eastern Religions I
RLCT 3027	Women and the Feminine in Eastern Religions II
POLI 3535	Women and Politics in Canada
SOCI 3246	Gender and International Development
SWLF 3445	Women and Social Welfare
SWLF 3805	Abuse and Violence Within the Family

*For course descriptions in other disciplines, please see their respective sections of the calendar.*

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## General Science

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This discipline is not offered as a degree, but the course in General Science may be credited as an elective in any other degree program.

**General Science Course****GSCI 1010 Contemporary Physical Science**

Prerequisite: No prerequisite.

Hours: Three hours of lecture per week.

Credits: 6

An introduction to physical science, this course is intended for students with little previous science background. A wide variety of selected topics from classical physics, modern physics, chemistry, geology, astronomy, biochemistry and earth sciences are examined. While the emphasis is on qualitative rather than quantitative analysis, some intermediate level algebra is required.



# Geography

## Undergraduate Degrees

- Bachelor of Arts (Honours)
- Bachelor of Arts (3-Year General)

## Geography Courses

- \* GEOG 1016 Introduction to Human Geography
- \* GEOG 1017 Introduction to Physical Geography
- GEOG 2026 Introduction to Quantitative Methods

### Group 1 Systematic Technique Courses

- GEOG 2016 Field and Laboratory Techniques
- GEOG 2017 Cartography
- GEOG 2027 Quantitative Methods in Geography
- GEOG 3036 Air Photo Interpretation
- GEOG 3056 Introduction to GIS
- GEOG 3066 Remote Sensing of the Environment

### Group 2 Systematic Courses

- GEOG 2105 Geomorphology
- GEOG 2126 Physical Hydrology
- GEOG 2127 Hydrological Resources
- GEOG 2206 Population Geography
- GEOG 2215 Cultural and Social Geography
- GEOG 2306 Economic Geography
- GEOG 2807 Local and Regional Development

### Group 3 Regional Courses

- GEOG 2406 A Geography of Canada
- GEOG 2407 Selected Regions of North America
- GEOG 2706 A Geography of Russia and the Eurasian Republics
- GEOG 2707 A Geography of Eastern Europe
- GEOG 3606 A Geography of Western Europe
- GEOG 3607 Selected Regions of Western Europe
- GEOG 3826 A Geography of Latin America

### Group 4 Systematic Courses

- GEOG 3105 Climatology
- GEOG 3115 Biogeography
- GEOG 3205 Urban Geography
- GEOG 3217 Political Geography and Development
- GEOG 3226 The Geography of Tourism and Recreation
- GEOG 3236 Geography of Environment and Health
- GEOG 3397 Introductory Soil Science
- GEOG 3806 Transportation and Communication Systems

### Group 5 Senior Systematic Courses

- GEOG 4057 Topics in GIS Applications
- GEOG 4066 Topics in Remote Sensing Applications
- GEOG 4106 Applied Geomorphology
- GEOG 4107 Land Resources and Their Assessment
- GEOG 4116 Pleistocene and Glacial Geomorphology
- GEOG 4126 Applied Hydrology for Snow and Ice Environments
- GEOG 4127 Lake and Wetland Environments
- GEOG 4136 Applied Climatology

- GEOG 4137 Paleoclimatology and Climatic Change
- GEOG 4216 World Population Growth
- GEOG 4227 The Social and Cultural Geography of the City
- GEOG 4317 Issues in Economic Geography and Development
- GEOG 4397 Soil Biology and Soil Chemistry
- GEOG 4806 Natural Resource Planning in Regional Development
- GEOG 4807 Natural Resource Management
- GEOG 4817 Urban Land Use Planning in Canada
- GEOG 4976 Geography Field Camp
- GEOG 4977 Human Geography Field Camp
- GEOG 4985 Directed Studies
- GEOG 4995 Senior Seminar and Thesis

## Bachelor of Arts (Honours) - Single Major

In the Honours program, the overall objective is to provide a balanced undergraduate program of instruction in the areas of analytical techniques, systematics and regional studies. Its more specific aims are to provide students with a sound base for applied studies in the fields of regional resource development planning, urban planning and an introduction to certain area studies.

Students must complete 120 credits including a minimum of 66 credits in Geography as follows. (Students may take 4th year courses in 3rd year with permission of the instructor.)

- \* GEOG 1016 Introduction to Human Geography 3 cr.
- \* GEOG 1017 Introduction to Physical Geography 3 cr.
- GEOG 2026 Introduction to Quantitative Methods 3 cr.
- Group 1 9 cr.
- Group 2 6 cr.
- Group 3 9 cr.
- Group 4 6 cr.
- Group 5 18 cr.
- GEOG upper level 9 cr.

\*Students must complete GEOG 1016 and GEOG 1017 with a minimum grade of 60% in each.

Students must be entering fourth year with a minimum 70% overall average to enrol in GEOG 4985 or GEOG 4995. Students may not retain credit for both GEOG 4985 and GEOG 4995.

*Students are limited to a maximum of 84 credits in Geography.*

### Other Program Requirements

- Humanities 6 cr.
- Science 6 cr.
- Electives 42 cr.

For complete Bachelor of Arts (Honours) degree requirements, please refer to that section of the Calendar.

## Bachelor of Arts (Honours) - Combined Major

Students must complete 120 credits including a minimum of 42 credits in Geography and a minimum of 42 credits in another discipline. The second major must include all of the required courses specified for that discipline. The Geography requirements are:

* GEOG 1016 Introduction to Human Geography	3 cr.
* GEOG 1017 Introduction to Physical Geography	3 cr.
Group 1	6 cr.
Group 2	6 cr.
Group 3	6 cr.
Group 4	6 cr.
Group 5 (excluding GEOG 4976, GEOG 4985 and GEOG 4995)	12 cr.

\*Students must complete GEOG 1016 and GEOG 1017 with a minimum grade of 60% in each.

For the Honours Combined major, GEOG 2026 is in Group 1.

*Students are limited to a maximum of 84 credits in Geography.*

#### Other Program Requirements

Major 2	42 cr.
Humanities	6 cr.
Science	6 cr.
Electives	24 cr.

For complete Bachelor of Arts (Honours) degree requirements, please refer to that section of the Calendar.

## Bachelor of Arts (3-Year General) - Single Major

Students must complete 90 credits including a minimum of 36 credits in Geography as follows:

* GEOG 1016 Introduction to Human Geography	3 cr.
* GEOG 1017 Introduction to Physical Geography	3 cr.
GEOG upper level	30 cr.

\*Students must complete GEOG 1016 and GEOG 1017 with a minimum grade of 60% in each.

Students may take Introductory Geography and upper level courses concurrently with the permission of the instructor. Upper level students concentrating in other disciplines may take Regional Geography courses without Introductory Geography upon permission of the instructor.

Students who have taken only one introductory half course may enrol only in upper level courses which follow from the content of that respective half course (i.e. GEOG 1016 fulfils the prerequisite for all upper level Human Geography courses and GEOG 1017 fulfils the prerequisite for all upper level Physical Geography courses). In order to fulfill requirements for a major in Geography both the physical and human sections of Introductory Geography must be completed.

*Students are limited to a maximum of 54 credits in Geography.*

#### Other Program Requirements

Humanities	6 cr.
Science	6 cr.
Electives	42 cr.

For complete Bachelor of Arts (3-Year General) degree requirements, please refer to that section of the Calendar.

## Bachelor of Arts (3-Year General) - Combined Major

Students must complete 90 credits including a minimum of 30 credits in Geography and a minimum of 30 credits in another discipline. The second major must include all of the required courses specified for that discipline. The Geography requirements are:

* GEOG 1016 Introduction to Human Geography	3 cr.
* GEOG 1017 Introduction of Physical Geography	3 cr.
GEOG upper level	24 cr.

\*Students must complete GEOG 1016 and GEOG 1017 with a minimum grade of 60% in each.

*Students are limited to a maximum of 54 credits in Geography.*

#### Other Program Requirements

Major 2	30 cr.
Humanities	6 cr.
Science	6 cr.
Electives	18 cr.

For complete Bachelor of Arts (3-Year General) degree requirements, please refer to that section of the Calendar.

## Minor in Geography

A minor in Geography is available to students pursuing a major in another discipline. The minor in Geography consists of a minimum of 24 credits. In Geography, the minor must consist of GEOG 1016 and GEOG 1017 (minimum 60 % in each) and 18 credits at the upper year level. Cross-coded and cross-listed courses may count towards a minor if they have not been used elsewhere to complete program requirements.

## Certificate in Geomatics

Geomatics "is the science and technology of gathering, analyzing, interpreting, distributing and using geographic information. Geomatics encompasses a broad range of disciplines that can be brought together to create a detailed but understandable picture of the physical world and our place in it. These disciplines include: surveying & mapping, remote sensing, geographic information systems (GIS), and global positioning system (GPS)". (Canadian Institute of Geomatics, 1999)

The Certificate in Geomatics provides students with a strong background in geographic information systems, remote sensing, computer cartography and spatial quantitative analysis. The certificate will be offered to four-year Honours geography majors only, where geography includes: environmental geography, environmental science & physical geography and geography of regional planning and international development majors. The certificate consists of 18 credits as outlined below.

Students must complete all of:

GEOG 2017 Cartography	3 cr.
GEOG 2026 Introduction to Quantitative Methods	3 cr.
GEOG 3056 Introduction to GIS	3 cr.
GEOG 3066 Remote Sensing of the Environment (formerly GEOG 4037)	3 cr.

Six credits of:

- GEOG 2016 Field and Laboratory Techniques
- GEOG 2027 Quantitative Methods in Geography
- GEOG 3036 Air Photo Interpretation
- GEOG 4057 Topics in GIS Applications
- GEOG 4066 Topics in Remote Sensing Applications

## Geography Courses

### **GEOG 1016 Introduction to Human Geography**

Prerequisite: No prerequisite.

Hours: Two and one half hours of lecture and one and one half hours of laboratory work per week for one term.

Credits: 3

This course studies the spatial aspects of human development including the effects of man's culture, economics and social structure upon utilization of earth space. In order to better understand human behaviour, perception and association are dealt with in lab exercises. *Offered every year in both Fall and Winter. Also offered in Muskoka in Summer 2004.*

### **GEOG 1017 Introduction to Physical Geography**

Prerequisite: No prerequisite.

Hours: Two and one half hours of lecture and one and one half hours of laboratory work per week for one term.

Credits: 3

This course introduces the student to important physical systems such as the lithosphere, biosphere, and atmosphere, and their elements and hazards. The student is introduced to the philosophies, theories, and concepts upon which physical and environmental geography is based. Laboratory exercises demonstrate the use of maps and aerial photographs and other equipment and methods of geographical analysis. *Offered every year in both Fall and Winter.*

### **GEOG 2016 Field and Laboratory Techniques**

Prerequisite: GEOG 1017

Anti-requisite: GEOG 2015

Hours: Three hours of lecture per week for one term.

Credits: 3

This course is directed towards students who have previously taken an introductory course in physical geography and are interested in furthering their skills in this field. The course attempts to bridge the gap between theoretical knowledge and practical experience. It will familiarize students with the field and laboratory methods at their disposal. They will learn how to apply these techniques to geographic problems, to attain confidence in their use, and to interpret the results. The lecture material includes an introduction to field research design, sampling techniques, and to numerous approaches to the measurement of static and dynamic systems. The labs supplement the lectures by providing hands on experience with the various methods and techniques presented in class. Laboratory topics to be explored include the use of maps and remotely sensed imagery, field surveying techniques (theodolite, level, Global Positioning Systems), collection/analysis of hydrologic data and the use of surveys to collect non-visible phenomena. *Offered every year.*

### **GEOG 2017 Cartography**

Prerequisite: GEOG 1016 and GEOG 1017

Anti-requisite: GEOG 2015

Hours: Three hours of lecture per week for one term.

Credits: 3

This course examines the manipulation, analysis, and display of spatial data. Basic cartographic concepts and principles, such as scales, projections, and map design, will be emphasized. The course follows a logical progression from the collection of data from secondary sources, such as remote sensing, through data manipulation, analysis, and presentation. Designed to be wide ranging, the course examines, historical, conventional, as well as computer-based techniques. *Offered in 2004-2005.*

### **GEOG 2026 Introduction to Quantitative Methods**

Prerequisite: GEOG 1016 or GEOG 1017

A student in a degree program cannot retain credit for more than nine credits of introductory statistics courses.

Hours: Three hours of lecture per week for one term.

Credits: 3

This is a systematic techniques course that provides an introduction to some basic statistical concepts and techniques that are common to all disciplines in the Social Sciences. These include: data collection and description, formulation and testing of hypotheses, time series analysis, and simple linear regression and correlation methods. The majority of examples employed focuses on applications in geography. Particular emphasis is placed on computer-based analysis including the use of SPSS and an introduction to computer mapping. *Offered every year.*

### **GEOG 2027 Quantitative Methods in Geography**

Prerequisite: GEOG 2026

Hours: Three hours of lecture per week for one term.

Credits: 3

This course considers applications of quantitative methods in the various subfields of geography. It is an extension of GEOG 2026 but focuses on multivariate analysis including: multiple regression, principal components analysis, numerical classification, and discriminant analysis. A selected number of non-statistical, quantitative models are also described. Geography Department computer programs (as well as SPSS) are employed throughout the course. *Offered in 2004-2005.*

### **GEOG 2105 Geomorphology**

Prerequisite: GEOG 1017

Hours: Three hours of lecture and practical work per week.

Credits: 6

This systematic physical geography course is a study of geomorphic processes and their roles in the production of landforms and landscapes. Selected physiographic regions are studied and emphasis is given to the post-glacial development of the local Nipissing Basin. Emphasis is placed throughout on the interaction between human activity and geographic systems stressing the need for environmental planning. This course may be credited towards Geology. *Offered every year.*

### **GEOG 2126 Physical Hydrology**

Prerequisite: GEOG 1017

Hours: Three hours of lecture per week for one term.

Credits: 3

This systematic physical geography course addresses the fundamental processes in physical hydrology. Components of the

water balance are examined to determine the nature of their variation through time and space. Precipitation, interception, infiltration, evapotranspiration, runoff and storage will be examined. *Offered in 2004-2005.*

### **GEOG 2127 Hydrological Resources**

Prerequisite: GEOG 1017

Hours: Three hours of lecture per week for one term.

Credits: 3

This systematic physical geography course will examine the geographical aspects of physical water resources and human control systems with the emphasis on water management. Topics to be covered include water quantity and quality issues, flood control, inter-basin transfer and the exportation of fresh water resources; each of which will be examined in a Canadian context. *Offered in 2004-2005.*

### **GEOG 2206 Population Geography**

Prerequisite: GEOG 1016

Hours: Three hours of lecture per week for one term.

Credits: 3

The study of populations is central to private and public sector planning. With population age structures as a starting point, this systematic geography course considers trends that affect decision-making in the private and public sectors. Fundamental demographic indicators such as socio-professional structures and mobility within major human concentrations are introduced. Computer applications are employed. *Offered in 2004-2005.*

### **GEOG 2215 Cultural and Social Geography**

Prerequisite: GEOG 1016

Hours: Three hours of lecture per week.

Credits: 6

This systematic human geography course introduces social and cultural concepts as they relate to spatial phenomena. This course also studies the development and distribution of human societies and their social systems with particular reference to both culture and habitat. *Offered in 2004-2005.*

### **GEOG 2306 Economic Geography**

Prerequisite: GEOG 1016

Hours: Three hours of lecture per week for one term.

Credits: 3

This systematic human geography course is an introduction to the factors affecting the location of economic activity and the development of regional economies.

### **GEOG 2406 A Geography of Canada (formerly GEOG 2405)**

Prerequisite: GEOG 1016 or GEOG 1017

Anti-requisite: GEOG 2405

Hours: Three hours of lecture per week for one term.

Credits: 3

This regional geography course involves a detailed study of the physical, cultural, economic, and political geography of Canada. Special attention is given to current problems related to national and provincial development. *Offered in 2004-2005.*

### **GEOG 2407 Selected Regions of North America**

Prerequisite: GEOG 1016 or GEOG 1017

Hours: Three hours of lecture per week for one term.

Credits: 3

This regional geography course involves a detailed study of the physical, cultural, economic, and political geography of selected regions within Canada, the United States and/or Mexico.

### **GEOG 2706 A Geography of Russia and the Eurasian Republics (formerly GEOG 2705)**

Prerequisite: GEOG 1016 or GEOG 1017

Anti-requisite: GEOG 2705

Hours: Three hours of lecture per week for one term.

Credits: 3

This regional geography course examines an area of great physical, economic, cultural and political diversity. It studies both the past and present growth of Russia and the surrounding former Soviet Republics. *Offered in 2004-2005.*

### **GEOG 2707 A Geography of Eastern Europe (formerly GEOG 2705)**

Prerequisite: GEOG 1016 or GEOG 1017

Anti-requisite: GEOG 2705

Hours: Three hours of lecture per week for one term.

Credits: 3

This regional geography course offers a detailed study of the physical, economic, cultural and political geography of Eastern Europe. An examination of past and present patterns of growth and development is included. *Offered in 2004-2005.*

### **GEOG 2807 Local and Regional Development**

Prerequisite: GEOG 1016

Hours: Three hours of lecture per week for one term.

Credits: 3

Regional development has been an intractable problem for Canada and other countries with both developed and traditional economies. This systematic human course reviews regional development theories, examines the practices of both government and industrial development bodies and analyses the problems of selected case study regions. *Offered in 2004-2005.*

### **GEOG 3036 Air Photo Interpretation**

Prerequisite: GEOG 1016 or GEOG 1017

Hours: Three hours of lecture and practical work per week for one term.

Credits: 3

Conventional aerial photography is studied in depth with particular emphasis on its application in Geography. This systematic technique course involves the interpretation of geomorphic features, vegetation, soils, and patterns of human occupation. Included is the examination of various geometric and physical characteristics of vertical air photos. This course may be credited towards Geology. *Offered every year.*

### **GEOG 3056 Introduction to GIS**

Prerequisite: GEOG 2016 and GEOG 2017

Anti-requisite: GEOG 4056

Hours: Three hours of lecture and practical work per week for one term.

Credits: 3

This systematic technique course is a lecture-lab course that covers the basic theory and character of geographical informa-

tion systems (GIS). Issues that are examined include: the generation of spatial databases using socio-economic and environmental data; advantages and disadvantages of raster and vector GIS models; and selected algorithms for decision making in a GIS environment. *Offered in 2004-2005.*

**GEOG 3066 Remote Sensing of the Environment (formerly GEOG 4037)**

Prerequisite: GEOG 1016, GEOG 1017 and GEOG 2026

Anti-requisite: GEOG 3037 and GEOG 4037

Hours: Three hours of lecture and/or lab per week for one term.

Credits: 3

This systematic technique course is a lecture-lab course that covers the use of digital satellite data (optical, infrared and radar) for resource mapping and environmental monitoring. The laboratory component is computer-based and will include an orientation to digital data, image interpretation, image preprocessing (radiometric & geometric), image enhancement, image classification and change detection. This course may be credited towards Geology. *Offered in 2004-2005.*

**GEOG 3105 Climatology**

Prerequisite: GEOG 1017

Hours: Three hours of lecture per week.

Credits: 6

This systematic physical geography course is designed to acquaint the student with the dynamics of the earth's atmosphere and its regional expression. It not only gives consideration to the physical properties and processes of the atmosphere, but also their significance relative to understanding the distribution of weather and climate at both micro- and macro-scales. *Offered in 2004-2005.*

**GEOG 3115 Biogeography**

Prerequisite: GEOG 1017

Hours: Three hours of lecture per week.

Credits: 6

This systematic geography course covers the study of dynamic responses of plant and animal distributions to physical, ecological, historical and human factors. Emphasis is placed on conservation studies. Field and laboratory work includes the collection, analysis and presentation of vegetation data and the preparation of a research proposal that incorporates relevant theory and published research. *Offered every year.*

**GEOG 3205 Urban Geography**

Prerequisite: GEOG 1016

Hours: Three hours of lecture per week.

Credits: 6

This systematic human geography course deals with the urbanization process through time and space. Urbanization is examined through historical, functional and scientific explanations. The internal structure of the city from a land use perspective is studied along with theories of land use and spatial behaviour. *Offered every year.*

**GEOG 3217 Political Geography and Development**

Prerequisite: GEOG 1016

Hours: Three hours of lecture per week for one term.

Credits: 3

This systematic human geography course deals with political geography at the national and international levels. Topics

include the political geography of the world order, the state, and development. Examples and case studies are used to demonstrate the political geography of development. Sustainability is used as a fundamental benchmark.

**GEOG 3226 The Geography of Tourism and Recreation**

Prerequisite: GEOG 1016

Hours: Three hours of lecture per week for one term.

Credits: 3

This systematic human geography course explores the spatial, behavioural and environmental aspects of tourism and recreational activity. The role of tourism in regional and national development and different approaches to tourism planning will be examined. *Offered in 2004-2005.*

**GEOG 3236 Geography of Environment and Health**

Prerequisite: GEOG 1016 and GEOG 1017

Hours: Three hours of lecture per week for one term.

Credits: 3

This systematic human geography course deals with the theories and methods involved in environment and health research from a geographical perspective. "Environment" includes urban, social, political, cultural and physical environments. "Health" includes physical, cognitive, and psycho-social well-being. Current issues in environment and health will be placed within a wider social/community context.

**GEOG 3397 Introductory Soil Science**

Prerequisite: GEOG 1017 or permission of the instructor.

Anti-requisite: BIOL 3397 and GEOL 3397

Hours: Three hours of lecture and three hours of laboratory work per week for one term.

Credits: 3

Lectures deal with the study of soil as an integral part of our physical environment. Soil profile characteristics are studied in the context of soil-forming factors, pedogenic processes, and soil classification systems. Laboratory sessions include analysis of typical soil profiles in the field and methods of physical, chemical, and biological analysis of soil samples in the wet lab. *Offered in 2004-2005.*

**GEOG 3606 A Geography of Western Europe (formerly GEOG 3605)**

Prerequisite: GEOG 1016 or GEOG 1017

Anti-requisite: GEOG 3605

Hours: Three hours of lecture per week for one term.

Credits: 3

A study of the human geography and cultural landscape of Western Europe. Utilizing a macro level approach, this course stresses population, economic, and political diversity. Historical changes are investigated, with an emphasis on developments since WWII. *Offered in 2004-2005.*

**GEOG 3607 Selected Regions of Western Europe (formerly GEOG 3605)**

Prerequisite: GEOG 1016 or GEOG 1017

Anti-requisite: GEOG 3605

Hours: Three hours of lecture per week for one term.

Credits: 3

A detailed geographical examination of selected countries of Western Europe. Using a micro level approach, a selected country or region is used in each session to emphasize unique geographical phenomena. *Offered in 2004-2005.*

**GEOG 3806 Transportation and Communication Systems**

Prerequisite: GEOG 1016

Anti-requisite: GEOG 2806

Hours: Three hours of lecture per week for one term.

Credits: 3

This systematic human geography course is a study of the development of transport systems, emphasizing the economic and social consequences of different types of transport systems. The course covers systems for transporting people and goods (road, rail, water and air transport) and systems for communicating ideas (telecommunications) and focuses on the geographic consequences of changing transport systems. Assessment of the impact of transport and communication facilities on environment, society, economy, and culture will be examined.

**GEOG 3826 A Geography of Latin America**

Prerequisite: GEOG 1016 or GEOG 1017

Anti-requisite: GEOG 3825

Hours: Three hours of lecture per week for one term.

Credits: 3

This regional geography course offers a systematic study of the physical, cultural, economic, and political geography of Latin America, including Middle and South America and the Caribbean. Special attention is given to the causes and consequences of patterns of underdevelopment in the region. *Offered in Spring 2004.*

**GEOG 4057 Topics in GIS Applications**

Prerequisite: GEOG 3056

Hours: Three hours of lecture and practical work per week for one term.

Credits: 3

This systematic technique is a lecture-seminar lab course covering selected topics in the application of geographic information systems in the social and natural sciences. Students undertake a major term project selected in consultation with the instructor. *Offered in 2004-2005.*

**GEOG 4066 Topics in Remote Sensing Applications**

Prerequisite: GEOG 3066 or GEOG 4037 or GEOG 3037

Hours: Three hours of lecture and/or lab per week.

Credits: 3

This systematic technique course is a lecture-seminar course covering selected topics in the application of remote sensing in the social and natural sciences. Students will undertake a major term project selected in consultation with the instructor. *Offered in 2004-2005.*

**GEOG 4106 Applied Geomorphology**

Prerequisite: GEOG 2105 or GEOL 1005

Hours: Three hours of lecture per week for one term.

Credits: 3

This systematic physical geography course focuses on the principles and applications of geomorphology, with particular attention given to terrain analysis. Terrain analysis is a robust method for modelling the complex spatial patterns of geomorphic systems. A dynamic systems approach is used to examine the complexity of individual landforms and processes, as well as their spatial patterns. The application of this information to the two-way interrelationship between human activity and the geomorphic system is emphasized. This course may be credited towards Geology. *Offered in 2004-2005.*

**GEOG 4107 Land Resources and Their Assessment**

Prerequisite: GEOG 1016 and GEOG 1017

Hours: Three hours of lecture per week for one term.

Credits: 3

Tools and frameworks for assessing land including Environmental Site Assessment and Environmental Impact Assessment are taught through reference to case studies. Societal and legal contexts are included as are the fundamental assumptions on which these tools are based. *Offered in 2004-2005.*

**GEOG 4116 Pleistocene and Glacial Geomorphology**

Prerequisite: GEOG 2105 or equivalent

Hours: Three hours of lecture per week for one term.

Credits: 3

Topics covered in this systematic physical geography course include continental and alpine glaciation, erosional and depositional features, glacial climates and their origin, ancient glaciations (Huronian, late Precambrian, Ordovician, late Paleozoic), glacio-marine environments, glaciations and floral-faunal changes, extinctions, and coeval low latitude environments. Students participate in local field trips to examine gravel deposit, glacial varvites (clays) and soils. This course may be credited towards Geology. *Offered in 2004-2005.*

**GEOG 4126 Applied Hydrology for Snow and Ice Environments**

Prerequisite: GEOG 2126

Hours: Three hours of lecture per week for one term.

Credits: 3

This systematic physical geography course concerns itself with the study of the watershed as a geographical unit in snow and ice environments. It presents a practical approach to the study, measurement and analysis of hydrologic and human elements interacting in drainage basins which occur in a frozen state for, at least, part of the year. Topics include snowfall and drifting snow, the formation and evolution of the snow pack, snowmelt, avalanches, ice growth and decay on lakes and rivers, ice jams, glaciers and glacial hydrology; ground ice and permafrost hydrology.

**GEOG 4127 Lake and Wetland Environments**

Prerequisite: GEOG 2105 or GEOG 3115

Anti-requisite: BIOL 2107, ENSC 2107

Hours: Three hours of lecture per week for one term.

Credits: 3

This systematic physical Geography course deals with the physical, chemical and biological environments of lakes and wetlands. *Offered in 2004-2005.*

**GEOG 4136 Applied Climatology**

Prerequisite: GEOG 3105

Hours: Three hours of lecture per week for one term.

Credits: 3

This systematic physical geography course is an in-depth study of selected topics in advanced applied climatology. Special emphasis is placed on the study of surface radiation, energy, and water balance research; atmospheric stability, vertical motion, and air pollution; urban and topographic micro-climatology; synoptic climatology, vorticity, and weather forecasting.

**GEOG 4137 Paleoclimatology and Climatic Change**

Prerequisite: GEOG 3105

Hours: Three hours of lecture per week for one term.

Credits: 3

This systematic physical geography course investigates past and future climatic and environmental change. Paleoclimatic evidence is used to demonstrate methods of climatic interpretation. Models of climatic change and theories of glaciation are used along with current evidence of climatic cycles to speculate on future changes in global climates. *Offered in 2004-2005.*

**GEOG 4216 World Population Growth**

Prerequisite: GEOG 2206

Hours: Three hours of lecture per week for one term.

Credits: 3

This systematic human geography course examines the geographical application of theories of population growth in the developed and developing worlds. Special attention is given to the critical assessment of such features as population explosion, population control, planning, policies, overpopulation, underpopulation, migration, and the implications of present population trends. *Offered in 2004-2005.*

**GEOG 4227 The Social and Cultural Geography of the City**

Prerequisite: GEOG 1016

Hours: Three hours of lecture per week for one term.

Credits: 3

The main components of an urban population are analysed. Topics include ethnic divisions, religious denominations, socio-professional structures. The various ways to approach the geographical concept of neighbourhood are presented. *Offered in 2004-2005.*

**GEOG 4317 Issues in Economic Geography and Development**

Prerequisite: GEOG 2306 or GEOG 2807

Hours: Three hours of lecture per week for one term.

Credits: 3

This seminar course examines problems of economic development in Canada and overseas. Emphasis will be placed on conditions leading to changes in level of economic development and the economic, social, environmental, political and cultural impacts of change on localities. Both local and global agents of change and socio-economic structures will be examined.

**GEOG 4336 Biogeochemistry I**

Prerequisite: CHEM 1005

Restricted to students in the Biology, Environmental Biology, and Environmental Science and Physical Geography majors.

Anti-requisite: BIOL 4336

Hours: Three hours of lecture and lab per week for one term.

Credits: 3

This theoretical course will investigate the biological, geological and chemical processes that influence nutrient and water cycling in natural ecosystems, with particular reference to the Boreal and Great Lakes / St. Lawrence Watersheds. Water and nutrient balances will be constructed for selected ecosystems and this information will be used to determine processes (both external and internal) that affect biogeochemistry. The course will consist of lectures, field trips and analysis of large data sets. The application and development of biogeochemical models will also be discussed. *Offered in 2004-2005.*

**GEOG 4337 Biogeochemistry II**

Prerequisite: BIOL 4336 or GEOG 4336

Restricted to students in the Biology, Environmental Biology, and Environmental Science and Physical Geography majors.

Anti-requisite: BIOL 4337

Hours: Three hours of lecture and lab per week for one term.

Credits: 3

This applied course will investigate the techniques associated with the study of the biological, geological and chemical processes that influence nutrient and water cycling in natural ecosystems with particular reference to the Boreal and Great Lakes / St. Lawrence Watersheds. The course will consist of lectures and tutorials as well as lab instruction and analysis. *Offered in 2004-2005.*

**GEOG 4397 Soil Biology and Soil Chemistry**

Prerequisite: GEOG 3397 or BIOL 3397 or GEOL 3397 or permission of the instructor.

Anti-requisite: BIOL 4397

Hours: Three hours of lecture and three hours of laboratory work per week for one term.

Credits: 3

The course is a continuation of soil science topics introduced in GEOG 3397 with particular emphasis on the soil as a biotic environment. Special attention is given to the biological and chemical properties of soils and the taxonomy and interactions of soils, soil organisms and clay minerals. The importance of the soil solution and plant-soil relationships is also stressed. Labs demonstrate a variety of scientific methods for investigating the soil biota, analysing the colloidal organic and clay mineral fractions, and testing the chemical properties of the soil solution. *Offered periodically.*

**GEOG 4806 Natural Resource Development in Regional Planning**

Prerequisite: GEOG 3205

Hours: Three hours of lecture per week for one term.

Credits: 3

This systematic human geography course examines the goals and objectives of regional planning and the strategies employed to assign the uses of natural resources. Application of planning approaches to resource use at the regional and national levels are analysed. Historical development, conflict resolution, partnerships and public participation are examined in the planning and allocation of resources. Native land claims and Native approaches to resource management are also included. *Offered in 2004-2005.*

**GEOG 4807 Natural Resource Management**

Prerequisite: GEOG 4806

Hours: Three hours of lecture per week for one term.

Credits: 3

This systematic human geography course focuses on the land base and management of natural resources including wildlife, forests, fisheries, minerals, recreation, tourism and cultural heritage. Methods and techniques as they pertain to resource management, including integration and sustainability are studied. *Offered in 2004-2005.*

**GEOG 4817 Urban Land Use Planning in Canada**

Prerequisite: GEOG 3205

Hours: Three hours of lecture per week for one term.

Credits: 3

The systematic human geography course reviews land use planning in urban Canada. The themes examined include the role of the Government of Canada in dealing with national problems or urban settlement, the involvement of the Province of Ontario with municipal land use planning, and a case study review of the planning process within the Regional Municipality of North Bay.

**GEOG 4976 Geography Field Camp**

Prerequisite: Restricted to students in the fourth year of an Honours program and approval of the discipline is required prior to registration. *Prospective students must apply to the discipline by March of the preceding academic year.*

Credits: 3

A specific area will be analysed from a geographic point of view in a one-week field camp. Follow-up readings, oral presentations and report writing are completed over the remainder of the term. This course will be held off campus. Each student is required to pay the costs of transportation, accommodation and meals. *Offered every year.*

**GEOG 4977 Human Geography Field Camp**

Prerequisite: Restricted to students in the fourth year of an Honours program and approval of the discipline is required prior to registration. *Prospective students must apply to the discipline by March of the preceding academic year.*

Credits: 3

A specific area will be studied from a geographic point of view in a one-week field camp. Follow-up readings, oral presentation and report writing are completed over the remainder of the term. This course will be held off campus. Each student is required to pay the costs of transportation, accommodation and meals. *Offered in Spring 2004.*

**GEOG 4985 Directed Studies**

Prerequisite: Restricted to students in the fourth year of an Honours program with a minimum 70% overall average and approval of the discipline is required prior to registration. *Students wishing to take this course during the following Spring/Summer or Fall/Winter Session must apply in writing to the discipline no later than February 15.*

Credits: 6

This course presents an opportunity for students to do special studies in the field of geography. The work is supervised by a faculty member who is qualified in the student's area of interest. Work load normally involves periodic discussions and a major essay. *Offered every year.*

**GEOG 4995 Senior Seminar and Thesis**

Prerequisite: Restricted to students in the fourth year of an Honours program with a minimum 70% overall average and approval of the discipline is required prior to registration. *Students wishing to take this course during the following Spring/Summer or Fall/Winter Session must apply in writing to the discipline no later than February 15.*

Credits: 6

*Offered every year.*


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# Geography of Regional Planning and International Development

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**Undergraduate Degree**

•Bachelor of Arts (Honours)

The Geography of Regional Planning and International Development offers an interdisciplinary course of studies which provides a balanced foundation in geography, and exposure to a variety of disciplinary perspectives on issues related to regional planning and international development.

**Bachelor of Arts (Honours) - Single Major**

Students must complete 120 credits including a minimum of 60 credits in Geography and 30 credits from related disciplines (Business, Economics, Native Studies, Political Science, Social Welfare, and Sociology) as follows. (Students may take 4th year courses in 3rd year with permission of the instructor.)

**Group 1**

- \* GEOG 1016 Introduction to Human Geography 3 cr.
- \* GEOG 1017 Introduction to Physical Geography 3 cr.
- GEOG 2026 Introduction to Quantitative Methods 3 cr.

**Group 2 Techniques**

9 cr.

- GEOG 2016 Field and Laboratory Techniques
- GEOG 2017 Cartography
- GEOG 2027 Quantitative Methods in Geography
- GEOG 3036 Air Photo Interpretation
- GEOG 3056 Introduction to GIS
- GEOG 3066 Remote Sensing of the Environment
- GEOG 4057 Topics in GIS Applications
- GEOG 4066 Topics in Remote Sensing Applications

**Group 3 Human and Economic**

15 cr.

- GEOG 2206 Population Geography
- GEOG 2306 Economic Geography
- GEOG 2215 Cultural and Social Geography
- GEOG 2807 Local and Regional Development
- GEOG 3205 Urban Geography
- GEOG 3217 Political Geography and Development
- GEOG 3226 The Geography of Tourism and Recreation
- GEOG 3236 Geography of Environment and Health

**Group 4 Regional**

12 cr.

**Group 5 GEOG 4000 level**

15 cr.

Students must complete fifteen credits of 4000 level geography, of which twelve credits must be selected from the list below:

- GEOG 4107 Land Resources and Their Assessment
- GEOG 4216 World Population Growth
- GEOG 4227 The Social and Cultural Geography of the City
- GEOG 4317 Issues in Economic Geography and Development



GEOG 4806	Natural Resource Development in Regional Planning
GEOG 4807	Natural Resource Management
GEOG 4817	Urban Land Use Planning in Canada
GEOG 4977	Human Geography Field Camp
GEOG 4985	Directed Studies
GEOG 4995	Senior Seminar and Thesis

**Group 6**

30 cr.

ADMN 1106	Introductory Financial Accounting I
ADMN 1107	Introductory Financial Accounting II
ADMN 1136	Introduction to Organizational Behaviour
ADMN 2306	Business Ethics
ADMN 3306	Introduction to Small Business Administration
ADMN 3506	Management of Not-for-Profit Organizations
ADMN 4915	Entrepreneurship
ECON 1006	Introduction to Economics I
ECON 1007	Introduction to Economics II
ECON 3066	Principles and Concepts of Economic Development
ECON 3067	Problems and Policies of Economic Development
ECON 3086	The Economics of Income and Wealth
ECON 3087	Selected Canadian Economic Policy Issues
ESPA 1005	Introductory Spanish
ESPA 2005	Intermediate Spanish
FREN 1006	Pre-Introductory French
FREN 1106	Introductory French I
FREN 1107	Introductory French II
FREN 2006	Français intermédiaire I
FREN 2007	Français intermédiaire II
FREN 3006	Français avancé I
FREN 3007	Français avancé II
MKTG 1126	Marketing Concepts
NATI 1005	Madjitang, in the Beginning...An Introduction to Native Studies
POLI 1005	Introduction to Political Science
POLI 2305	International Relations
POLI 2605	Public Administration
POLI 2905	Canadian Local Government
RUSS 1005	Introductory Russian
RUSS 2005	Intermediate Russian
RUSS 3005	Advanced Russian
SOCI 1015	Understanding Sociology
SOCI 2047	Minority Groups Throughout the World
SOCI 3065	Social Stratification
SOCI 3205	Social Demography
SOCI 3225	Sociology of Development
SOCI 3246	Gender and International Development
SWLF 1005	Introduction to Social Welfare
SWLF 3306	International Perspectives on Social Welfare
SWLF 3307	Social Welfare in Developing Countries
SWLF 3405	Concepts of Wellness in First Nations' Communities

\*Students must complete GEOG 1016 and GEOG 1017 with a minimum grade of 60% in each.

*Students are limited to a maximum of 84 credits in a single discipline.*

**Other Program Requirements**

Humanities	6 cr.
Science	6 cr.
Electives	18 cr.

For complete Bachelor of Arts (Honours) degree requirements, please refer to that section of the Calendar.

**Certificate in Geomatics**

A Certificate in Geomatics is available to students in a four-year honours geography of regional planning and international development major. Please see the Geography section of the Academic Calendar for details.

**Course Descriptions**

*For course descriptions, please see the respective sections of the Calendar.*

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# Geology

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This discipline is not offered as a degree, but the courses in Geology may be credited as electives in any other degree program.

## Geology Courses

### GEOL 1005 General Geology

Prerequisite: No prerequisite.

Anti-requisite: GEOL 1020

Hours: Three hours of lecture and three hours of laboratory per week.

Credits: 6

An introduction to the principles of geology including the materials of the earth, its structure and those physical and chemical processes at work within and upon it that have produced the features of the earth known today. The historical development of the earth, and in particular North America, is examined in the light of the fossil record. Laboratory work includes the study of minerals, rocks, fossils, geologic and topographic maps. Field trips. *Offered every year.*

### GEOL 1020 Understanding the Earth

Prerequisite: No prerequisite.

Anti-requisite: GEOL 1005

Hours: Three hours of lecture per week.

Credits: 6

This is an introductory general geology course for students without a background in science. Topics include: the nature and properties of minerals, the origin and interpretation of the major groups of rocks, the origin of the earth, its continents, mountain building, seafloor spreading, origin and evolution of life on our planet; the causes and prediction of earthquakes and volcanic activity; the origin of mineral deposits and fossil fuels. Students are expected to learn to identify selected rocks, minerals and fossils. Field trips will be arranged if practicable. *Offered in 2004-2005.*

### GEOL 2021 Geology of Earth Resources

Prerequisite: GEOL 1005 or GEOL 1020

Hours: Three hours of lecture per week for one term.

Credits: 3

This course studies the nature and origin of economically important non-renewable resources in the earth's crust with special reference to Canadian minerals: metals, fossil fuels, phosphates, evaporites, aggregates, etc. Geological processes leading to mineral concentrations are examined. This course is directed towards the non-science student who requires some understanding of the geological background associated with the search and development of ore deposits. Students become familiar with geological maps, symbols and selected suites of ore specimen covering the more important Canadian mineral camps. Field trips may be included as part of the course.

### GEOL 2022 Natural Disasters

Prerequisite: GEOL 1005 or GEOL 1020 or GEOG 2105

Hours: Three hours of lecture per week for one term.

Credits: 3

This course examines the nature and explanation of unusual levels of threat or damage, and disasters involving geological phe-

nomena on humans and their communities. The approach will emphasize the concepts of risk, risk assessment, the cause of disaster and the means to hazard reduction. Topics may include: earthquakes, volcanic eruptions, landslides, mudflows, avalanches, floods, land subsidence, etc.

### GEOL 3397 Introductory Soil Science

Prerequisite: GEOG 1017 or permission of the instructor.

Anti-requisite: BIOL 3397 or GEOG 3397

Hours: Three hours of lecture and three hours of laboratory work per week for one term.

Credits: 3

Lectures deal with the study of soil as an integral part of our physical environment. Soil profile characteristics are studied in the context of soil-forming factors, pedogenic processes, and soil classification systems. Laboratory sessions include analysis of typical soil profiles in the field and methods of physical, chemical, and biological analysis of soil samples in the wet lab.

### Cross-Listed Courses

The following courses may be credited towards Geology in a Liberal program, up to a maximum of nine credits: GEOG 2105, GEOG 3036, GEOG 3066 (formerly GEOG 4037), GEOG 4106 and GEOG 4116.

# History

## Undergraduate Degrees

- Bachelor of Arts (Honours)
- Bachelor of Arts (3-Year General)

## History Courses

HIST	1205	Europe Since 1500
HIST	1406	Canadian History: The Formative Years
HIST	1407	Canadian History: The National Era
HIST	1505	A History of the Modern World
* HIST	3925	History and Historians: Ideas and Methods

### Group 1

HIST	2055	History of Ancient Civilizations
HIST	2105	History of Medieval Europe
HIST	2236	Selected Topics in Women's History
HIST	2237	History of the Women's Movement
HIST	2245	History of Science
HIST	2246	Selected Topics in Women's History
HIST	2405	British History: Changing Perspectives
HIST	2506	Modern France
HIST	2606	Modern Germany
HIST	2705	History of Russia
HIST	2755	History of East Central Europe
HIST	2805	History of Islamic Civilization

### North American History

HIST	2415	British Empire and Commonwealth
HIST	3016	History of Latin America
HIST	3246	History of Quebec Since 1867
HIST	3505	History of the United States

### Group 2

HIST	2155	Early Modern Europe (1400-1750)
HIST	2305	The Twentieth Century: Historical Perspectives, Main Events
HIST	2316	Military History I
HIST	2326	Military History II
HIST	2425	History of Medieval England
HIST	2835	Totalitarianism: An Historical Examination

### North American History

HIST	2346	First Nations in Historical Perspective
HIST	2347	Aboriginal Treaties in Canada: Peace, Friendship, Land, and Resources
HIST	2355	Canadian Urban History
HIST	2575	History of European Expansion
HIST	3196	Canada in the Twentieth Century: Selected Problems
HIST	3205	Themes in Canadian Social History
HIST	3217	Topics in 19th century Canadian History
HIST	3226	Topics in Canadian Regional History
HIST	3236	Slavery in the Americas
HIST	3256	History of Ontario: Selected Topics I
HIST	3257	History of Ontario: Selected Topics II
HIST	3277	North American Environmental History
HIST	3287	Canadian Working Class History
HIST	3296	Turning Points in American History

HIST	3316	Topics in North American Cultural History
HIST	3356	History of Women in Canada
HIST	3375	A History of Business in Canada
HIST	3386	A History of Education in Canada
HIST	3515	Themes in American Social History
HIST	3576	The Americas in the Colonial Era

### Group 3

HIST	4015	Directed Studies
HIST	4055	Research Project
HIST	4255	Victoria's Britain: Gender, Class and Culture in the Age of Empire
HIST	4495	Modern Britain
HIST	4505	Topics in Medieval History
HIST	4605	Special Topics
HIST	4615	Special Topics
HIST	4655	Western Europe in the Nineteenth and Twentieth Centuries
HIST	4685	Russia and Ukraine in the Twentieth Century
HIST	4775	Twentieth Century Crises in Historical Perspective

### North American History

HIST	4185	Canada in the Twentieth Century
HIST	4275	Ontario History
HIST	4315	Topics in North American History
HIST	4325	Oral History
HIST	4335	Topics in American History
HIST	4345	The Emergence of the Modern United States 1860-1917
HIST	4375	Community History: Approaches, Sources and Methods
HIST	4465	Family and Community in North American Society
HIST	4475	Culture and Colonization in the Americas, 1500-1850
HIST	4725	The Age of Enlightenment

\*For students in a General program, HIST 3925 may be credited towards Group 1 or Group 2.

## Bachelor of Arts (Honours) - Single Major

Students must complete 120 credits including a minimum of 66 credits in History as follows:

Six credits from the following: 6 cr.

* HIST	1205	Europe Since 1500	
* HIST	1406	Canadian History: The Formative Years	
* HIST	1407	Canadian History: The National Era	
* HIST	1505	A History of the Modern World	
HIST	3925	History and Historians: Ideas and Methods	6 cr.
Group 1			6 cr.
Group 2			6 cr.
Group 1 or 2			24 cr.
Group 3			18 cr.

## Honours Single Major in History with a North American Stream

In the Honours single major in history, students may choose a North American stream. In an age of globalization, we invite our students in this stream to explore the history of generations past from an explicitly transnational and comparative perspective. The stream will further be distinguished by its focus on social and cultural history.

To meet the requirements of this stream, students must complete the following: HIST 1406\*, HIST 1407\*, HIST 3505 and HIST 3925. Of the six credits required in Group 2 and the 24 credits required in Group 1 or 2, students must choose 24 credits designated as North American history and six credits non-North American history, excluding HIST 2055, HIST 2105, HIST 2425 and HIST 2835. Of the 18 credits required in Group 3, students must choose 12 credits designated as North American history.

\*Students must complete HIST 1205, or HIST 1505, or HIST 1406 and HIST 1407 with a minimum grade of 60% in each.

While courses in Groups 1 and 2 may be completed at any time, students should attempt to take courses in Group 1 in their second year and courses in Group 2 in their third year. Further, it is recommended that students include the equivalent of three History courses in their second year and include one Group 3 History course in their third year.

Students may, with the approval of the department, count either HIST 4015 or HIST 4055 toward the required 30 credits from Groups 1 and 2.

With permission of the discipline, students may complete either HIST 4015 or HIST 4055, but not both, for the Group 3 category.

*Students are limited to a maximum of 84 credits in History.*

### Other Program Requirements

Humanities	6 cr.
Science	6 cr.
Electives	42 cr.

For complete Bachelor of Arts (Honours) degree requirements, please refer to that section of the Calendar.

## Bachelor of Arts (Honours) - Combined Major

Students must complete 120 credits including a minimum of 42 credits in History and a minimum of 42 credits in another discipline. The second major must include all of the required courses specified for that discipline. The History requirements are:

Six credits from the following: 6 cr.

- \* HIST 1205 Europe Since 1500
- \* HIST 1406 Canadian History: The Formative Years
- \* HIST 1407 Canadian History: The National Era
- \* HIST 1505 A History of the Modern World

HIST 3925	History and Historians: Ideas and Methods	6 cr.
Group 1 or 2		18 cr.
Group 3		12 cr.

\*Students must complete HIST 1205, or HIST 1505, or HIST 1406 and HIST 1407 with a minimum grade of 60% in each.

*Students are limited to a maximum of 84 credits in History.*

### Other Program Requirements

Major 2	42 cr.
Humanities	6 cr.
Science	6 cr.
Electives	24 cr.

For complete Bachelor of Arts (Honours) degree requirements, please refer to that section of the Calendar.

## Bachelor of Arts (3-Year General) - Single Major

Students must complete 90 credits including a minimum of 36 credits in History as follows:

Six credits from the following: 6 cr.

- \* HIST 1205 Europe Since 1500
- \* HIST 1406 Canadian History: The Formative Years
- \* HIST 1407 Canadian History: The National Era
- \* HIST 1505 A History of the Modern World

Group 1	6 cr.
Group 2	6 cr.
Group 1 or 2	18 cr.

\*Students must complete HIST 1205, or HIST 1505, or HIST 1406 and HIST 1407 with a minimum grade of 60% in each.

While courses in Groups 1 and 2 may be completed at any time, students should attempt to take courses in Group 1 in their second year and courses in Group 2 in their third year. Students considering an Honours program, graduate school, or the faculty of education are advised to take HIST 3925 in their second or third year.

*Students are limited to a maximum of 54 credits in History.*

### Other Program Requirements

Humanities	6 cr.
Science	6 cr.
Electives	42 cr.

For complete Bachelor of Arts (3-Year General) degree requirements, please refer to that section of the Calendar.

## Bachelor of Arts (3-Year General) - Combined Major

Students must complete 90 credits including a minimum of 30 credits in History and a minimum of 30 credits in another discipline. The second major must include all of the required courses specified for that discipline. The History requirements are:

Six credits from the following:	6 cr.
* HIST 1205 Europe Since 1500	
* HIST 1406 Canadian History: The Formative Years	
* HIST 1407 Canadian History: The National Era	
* HIST 1505 A History of the Modern World	
Group 1	6 cr.
Group 2	6 cr.
Group 1 or 2	12 cr.

\*Students must complete HIST 1205, or HIST 1505, or HIST 1406 and HIST 1407 with a minimum grade of 60% in each.

While courses in Groups 1 and 2 may be completed at any time, students should attempt to take courses in Group 1 in their second year and courses in Group 2 in their third year. Students considering an Honours program, graduate school, or the faculty of education are advised to take HIST 3925 in their second or third year.

*Students are limited to a maximum of 54 credits in History.*

### Other Program Requirements

Major 2	30 cr.
Humanities	6 cr.
Science	6 cr.
Electives	18 cr.

For complete Bachelor of Arts (3-Year General) degree requirements, please refer to that section of the Calendar.

## Minor in History

A minor in History is available to students pursuing a major in another discipline. A minor consists of a minimum of 24 credits in a discipline. In History, the minor must consist of six credits at the first year level and 18 credits at the upper year level. Cross-coded and cross-listed courses may count towards a minor if they have not been used elsewhere to complete program requirements. A minimum grade of 60% is required in the introductory course(s) presented for the minor.

## History Courses

### HIST 1205 Europe Since 1500

Prerequisite: No prerequisite.

Hours: Three hours of lecture per week.

Credits: 6

This is an introductory survey of the development of modern Europe. An introduction to history; techniques of the study and writing of history; main schools of historians; some of the important themes, issues and events of European and Western history which have helped shape the modern world - they may include: the medieval background; the Renaissance; the Reform-

mation; seventeenth century thought and science; wars of religion in the seventeenth century; politics, ideas and society in the eighteenth century; the French Revolution; Napoleon; politics and reform in nineteenth century England; modern "isms" (nationalism, liberalism, socialism, Marxism); the Russian Revolution; the origins and effects of the two world wars, and the Cold War. *Offered in 2004-2005. Also offered in Spring 2004 and in Muskoka 2004-2005.*

### HIST 1406 Canadian History: The Formative Years

Prerequisite: No prerequisite.

Hours: Three hours of lecture and tutorial per week for one term.

Credits: 3

This course examines the historical developments in Canada from the first settlements to Confederation. *Offered every year.*

### HIST 1407 Canadian History: The National Era

Prerequisite: No prerequisite.

Hours: Three hours of lecture and tutorial per week for one term.

Credits: 3

This course examines the political, economic and social developments in Canada from Confederation to the present. *Offered every year.*

### HIST 1505 A History of the Modern World

Prerequisite: No prerequisite.

Hours: Three hours of lecture per week.

Credits: 6

This course is a comparative social history of Europe, America (including Canada), Asia and Africa after 1500. Topics may include: the rise and fall of European global supremacy from the sixteenth to the twentieth century; the emergence of the modern world; the Age of Discovery, Renaissance and Reformation; Early Modern society; the imposition of European hegemony in the world; the decline of magic; Scientific Revolution and Enlightenment; the Age of Revolution; early industrial society; democracy and mass politics; the ideological division of the twentieth century; women in the modern world; and contemporary problems such as overpopulation, ecological havoc, nationalism and nuclear arms. *Offered in 2004-2005.*

### HIST 2055 History of Ancient Civilizations

Prerequisite: No prerequisite.

Hours: Three hours of lecture per week.

Credits: 6

The social, economic, political and religious life of ancient civilizations are studied. This course may be credited towards Classical Studies. *Offered in Spring 2004.*

### HIST 2105 History of Medieval Europe

Prerequisite: HIST 1205 or HIST 1406/HIST 1407 or HIST 1505

Hours: Three hours of lecture per week.

Credits: 6

Various aspects of the rise of Europe from the decline of the Roman Empire to the Renaissance are studied.

**HIST 2155 Early Modern Europe (1400-1750)**

Prerequisite: HIST 1205 or HIST 1406/HIST 1407 or HIST 1505

Hours: Three hours of lecture per week.

Credits: 6

Europe during the transitional era from medieval to modern times, with special emphasis on the decline of the Middle Ages, the Renaissance, the Reformation, absolutism and the expansion of Europe is studied.

**HIST 2236 Selected Topics in Women's History**

Prerequisite: No prerequisite.

Hours: Three hours of lecture per week for one term.

Credits: 3

The content of this course may vary from year to year but will focus on some aspect of women's history in Europe and/or North America such as Women and Religion, Women and Science, Women and the French Revolution. This course may be credited towards Gender Equality and Social Justice. Topic: Women's America *Offered in 2004-2005. Also offered in Muskoka 2004-2005.*

**HIST 2237 A History of the Women's Movement**

Prerequisite: No prerequisite.

Anti-requisite: HIST 2235

Hours: Three hours of lecture per week for one term.

Credits: 3

This course will examine the history of the women's movements in the Western World from the 18th century to the present. This course may be credited towards Gender Equality and Social Justice. *Offered in 2004-2005 in Muskoka.*

**HIST 2245 History of Science**

Prerequisite: HIST 1205 or HIST 1406/HIST 1407 or HIST 1505

Hours: Three hours of lecture per week.

Credits: 6

This course is a study of the rise of Science in relation to the development of western society.

**HIST 2246 Selected Topics in Women's History**

Prerequisite: No prerequisite.

Hours: Three hours of lecture per week for one term.

Credits: 3

The content of this course may vary from year to year but will focus on some aspect of women's history in Europe and/or North America such as Women and Religion, Women and Science, Women and the French Revolution. This course may be credited towards Gender Equality and Social Justice.

**HIST 2305 The Twentieth Century: Historical Perspectives, Main Events, Issues and Themes of this Century**

Prerequisite: HIST 1205 or HIST 1406/HIST 1407 or HIST 1505

Hours: Three hours of lecture/seminar per week.

Credits: 6

Topics covered in this course include: the world in 1910; major theses on the causes and consequences of the two world wars; the League of Nations; the major powers of the world; totalitar-

ianism and totalitarian systems; the cold war; and contemporary problems in historical perspective. The course examines the social, political, economic, cultural and intellectual perspectives of the twentieth century.

**HIST 2316 Military History I**

Prerequisite: HIST 1205 or HIST 1406/HIST 1407 or HIST 1505

Hours: Three hours of lecture per week for one term.

Credits: 3

The course begins with the Persian invasion of Greece and concludes with the aftermath of Napoleon. Among the topics discussed are the rise and fall of the Roman Imperial Army, feudal warfare, and the Great Captains such as Marlborough and Frederick the Great. Other themes include military organization and technology, and the nature of the battle. Emphasis is placed on the relationship between armed forces and the societies which raised them. *Offered in 2004-2005.*

**HIST 2326 Military History II**

Prerequisite: HIST 1205 or HIST 1406/HIST 1407 or HIST 1505

Hours: Three hours of lecture per week for one term.

Credits: 3

This course begins with a study of the impact of the industrial revolution and modern nationalism on armed forces and warfare in the nineteenth century. Special attention is paid to the two World Wars. The rise of nuclear weapons and the limited and guerrilla wars since 1945 are also included. *Offered in 2004-2005.*

**HIST 2346 First Nations in Historical Perspective**

Prerequisite: HIST 1205 or HIST 1406/HIST 1407 or HIST 1505

Anti-requisite: HIST 2345 and HIST 3216

Hours: Three hours of lecture per week.

Credits: 3

This course examines the First Nations in North America and their interaction with European colonial and later national governments and society. This course may be credited towards Native Studies. *Offered in 2004-2005.*

**HIST 2347 Aboriginal Treaties in Canada: Peace, Friendship, Land, and Resources**

Prerequisite: HIST 1406/HIST 1407 or NATI 1005

Hours: Three hours of lecture and discussion per week for one term.

Credits: 3

This course explores the history of treaties and treaty making between Aboriginal peoples and colonial/national states, from the earliest alliances of friendship to the recent Nisga'a treaty. In addition to studying the texts of the treaties themselves, students will investigate the historical and cultural contexts in which these agreements were negotiated, as well as the subsequent interpretations of the treaties' meaning by Native and non-Native peoples. Special attention will be accorded to the experiences of the Anishnaabeg of eastern and central Ontario. This course may be credited towards Native Studies. *Offered in 2004-2005.*

**HIST 2355 Canadian Urban History**

Prerequisite: HIST 1205 or HIST 1406/HIST 1407 or HIST 1505

Hours: Three hours of lecture per week.

Credits: 6

This course is a survey of urban growth and development in Canada. Changes in the urban pattern are examined by exploring the historical basis and evolution of the built environment, the nature of urban society and its institutions.

**HIST 2405 British History: Changing Perspectives**

Prerequisite: HIST 1205 or HIST 1406/HIST 1407 or HIST 1505

Hours: Three hours of lecture/seminar per week.

Credits: 6

This course is a survey of the growth and development of modern Britain. Topics include: the origins, events and historiographical controversy on the Revolution of 1688; developments in philosophy, religion and political theory in the seventeenth and eighteenth centuries; beginnings of political parties from Charles II to Queen Anne; the rise and fall of Sir Robert Walpole; debate on George III; Industrial Revolution (controversy on causes and effects); society and culture in the nineteenth century; Victorian government; development of political parties in the nineteenth century; and England in 1914. *Offered in 2004-2005.*

**HIST 2415 British Empire and Commonwealth**

Prerequisite: HIST 1205 or HIST 1406/HIST 1407 or HIST 1505

Hours: Three hours of lecture per week.

Credits: 6

The first British Empire, the period of the American Revolution and the second British Empire are examined. Attention is given to the growth of colonial self-government and the concept of Commonwealth.

**HIST 2425 History of Medieval England**

Prerequisite: HIST 1205 or HIST 1406/HIST 1407 or HIST 1505

Hours: Three hours of lecture per week.

Credits: 6

This course is a survey of English history from the 5th to the 15th century. It examines the political, social, economic, and military life of the Middle Ages, with an emphasis on distinctive English developments. *Offered in 2004-2005.*

**HIST 2506 Modern France**

Prerequisite: HIST 1205 or HIST 1406/HIST 1407 or HIST 1505

Anti-requisite: HIST 2505

Hours: Three hours of lecture per week for one term.

Credits: 3

This course is a survey of the history of France since 1789. Topics may include: The Enlightenment and the Roots of Revolution; 1789, Republic, Terror, Thermidor; Napoleon; Congress of Vienna; the Restoration; the Revolution of 1830; industrialization; 1848; Louis Bonaparte; the Franco-Prussian War; the Paris Commune; the Third Republic; Triple Entente; the causes of World War I; France in World War I; Versailles; the Interbellum; French women during the 20th century; the welfare state; European unification; the Fourth Republic; decolonization; de Gaulle and the Fifth Republic; 1968; Mitterand; Chirac. *Offered in 2004-2005.*

**HIST 2575 History of European Expansion**

Prerequisite: HIST 1205 or HIST 1406/HIST 1407 or HIST 1505

Hours: Three hours of lecture per week.

Credits: 6

This course addresses the expansion of European civilization from the fifteenth to the twentieth centuries. A comparison is made between the colonial expansion of Portugal, Spain, the Netherlands, England, France, and Russia and the attitude of politicians, intellectuals, and the population at large in these countries toward colonialism and imperialism. The reaction of the indigenous population is taken into account. The institution of slavery in the New World is part of the discussion. *Offered in 2004-2005.*

**HIST 2606 Modern Germany**

Prerequisite: HIST 1205 or HIST 1406/HIST 1407 or HIST 1505

Anti-requisite: HIST 2605

Hours: Three hours of lecture per week for one term.

Credits: 3

This course is a survey of the history of Germany since 1789. Topics may include: Germany during the French Revolution and under Napoleon; the Congress of Vienna; Metternich; 1848; industrialization; Bismarck and the unification of Germany; the German and Austro-Hungarian Empires; World War I; the 'German Revolution'; Versailles; Weimar Germany; the Third Reich; World War II and the Holocaust; the two Germanies; the 'economic miracle'; Germany reunited. *Offered in 2004-2005.*

**HIST 2705 History of Russia**

Prerequisite: HIST 1205 or HIST 1406/HIST 1407 or HIST 1505

Hours: Three hours of lecture per week.

Credits: 6

This course is a survey of the history of Russia and the Soviet Union. Topics include: society, culture, economy and politics of the Eastern Slav society of Kievan Rus'; the Tatar Yoke and the rise of Muscovy; Ivan the Terrible, the Time of Troubles, Peter the Great; serfdom, cossacks, the occupation of Siberia; Catherine the Great; Napoléon and Alexander I; the Crimean War; the abolition of serfdom. Populism and industrialization; the Revolutions of 1905 and 1917; NEP; Stalin's 'Revolution from Above'; World War II; the Sovietization of Eastern Europe; Khrushchev; stagnation; Perestroika and Glasnost; the collapse of Communism; Gorbachev and Yeltsin. *Offered in 2004-2005.*

**HIST 2755 History of East Central Europe**

Prerequisite: HIST 1205 or HIST 1406/HIST 1407 or HIST 1505

Hours: Three hours of lecture per week.

Credits: 6

This course concentrates on the history of Poland, Hungary, the Czech and Slovak Republics and the Balkan region from the Middle Ages to the present. Topics may include: the christianization of the Slavs and Magyars; the Schism of 1054; East Central Europe and the 'Drang nach Osten'; the Ottoman invasions of Balkans and Hungary; the institution of the second serfdom; the Polish partitions; the Dual Monarchy; the fate of the new nation-states between the wars; the "sovietization" of the East Central Europe; the fall of communism and the post-communist present. *Offered in 2004-2005.*

**HIST 2805 History of Islamic Civilization**

Prerequisite: HIST 1205 or HIST 1406/HIST 1407 or HIST 1505

Hours: Three hours of lecture per week.

Credits: 6

This course is an introductory survey of the influence of Islamic civilization on world history. First term topics include the roots of Islam in the ancient Middle East; Arab, Persian, and Turkic contributions to the development of Islamic culture; and the spread of Islam beyond the Middle East. The second term focuses on the decline and revival of Islamic societies in the nineteenth and twentieth centuries, and the nature and importance of Islamic culture today. This course may be credited towards Religions and Cultures.

**HIST 2835 Totalitarianism: An Historical Examination**

Prerequisite: HIST 1205 or HIST 1406/HIST 1407 or HIST 1505

Anti-requisite: HIST 2836

Hours: Three hours of lecture per week.

Credits: 6

This course is concerned with the historical theory and practice of totalitarianism in both its communist and fascist varieties. The course examines Marxism and Marxist movements; Leninism and the Russian Revolutions; International Communism between the wars; Lenin, Stalin, and the totalitarian state; the expansion of Communism to eastern Europe; origins of the Chinese Communist revolution; Maoism; contemporary Communism. Attention is also given to the theory and practice of Fascism as shown by Mussolini in Italy, Franco in Spain and Hitler in Germany, as well as of contemporary forms of Fascism. An inter-disciplinary study is also made of totalitarianism as a practical and theoretical historical paradigm. *Offered in 2004-2005.*

**HIST 3016 History of Latin America**

Prerequisite: HIST 1205 or HIST 1406/HIST 1407 or HIST 1505

Hours: Three hours of lecture per week for one term.

Credits: 3

Latin America from the colonial period to the present is examined.

**HIST 3196 Canada in the Twentieth Century: Selected Problems**

Prerequisite: HIST 1205 or HIST 1406/HIST 1407 or HIST 1505

Hours: Three hours of lecture per week for one term.

Credits: 3

An examination of the main trends in twentieth century Canada.

**HIST 3205 Themes in Canadian Social History**

Prerequisite: HIST 1205 or HIST 1406/HIST 1407 or HIST 1505

Hours: Three hours of lecture per week.

Credits: 6

The social history of Canada from New France to the twentieth century is examined using concepts such as gender, class, region and ethnicity. Family, religion, public health, crime and punishment, urban life, working class culture, education, social reform and domestic work are some of the topics examined. *Offered in 2004-2005.*

**HIST 3217 Topics in Nineteenth Century Canadian History**

Prerequisite: HIST 1205 or HIST 1406/HIST 1407 or HIST 1505

Hours: Three hours of lecture per week for one term.

Credits: 3

The content of this course may vary from year to year but will examine some aspect of the history of Canada in the 19th century from a social, cultural, political or economic perspective. The course will be thematic rather than regional but may focus on a particular event such as the War of 1812, the Rebellions or Confederation. Themes such as religion, immigration, transportation, gender relations, rural life or the seasonal round may be explored.

**HIST 3226 Topics in Canadian Regional History**

Prerequisite: HIST 1205 or HIST 1406/HIST 1407 or HIST 1505

Hours: Three hours of lecture per week for one term.

Credits: 3

This course will explore the notion of limited identities in the Canadian context by focusing on one of Canada's regions (excluding Ontario) or by taking a comparative approach focusing on two or more regions.

**HIST 3236 Slavery in the Americas**

Prerequisite: HIST 1205 or HIST 1406/HIST 1407 or HIST 1505

Hours: Three hours of lecture per week for one term.

Credits: 3

The course will examine the rise and fall of slavery in the Americas. Slavery in the Caribbean and Brazil will be considered, but special attention will be placed on slavery in the North American context. Students will also learn about the Atlantic Slave trade. *Offered in 2004-2005.*

**HIST 3246 History of Québec Since 1867**

Prerequisite: HIST 1205 or HIST 1406/HIST 1407 or HIST 1505

Hours: Three hours of lecture per week for one term.

Credits: 3

This course is a survey of the political, social, economic and cultural history of the Province of Québec since 1867.

**HIST 3256 History of Ontario: Selected Topics I**

Prerequisite: HIST 1205 or HIST 1406/HIST 1407 or HIST 1505

Hours: Three hours of lecture per week for one term.

Credits: 3

This course examines social, political and/or economic issues in one or more of Upper Canada, Canada West or nineteenth century Ontario.

**HIST 3257 History of Ontario: Selected Topics II**

Prerequisite: HIST 1205 or HIST 1406/HIST 1407 or HIST 1505

Hours: Three hours of lecture per week for one term.

Credits: 3

This course examines social, political and/or economic issues in one or more of twentieth century Ontario, Ontario since 1945 and/or Northern Ontario. This course may be credited towards Native Studies.



**HIST 3277 North American Environmental History**

Prerequisite: HIST 1205 or HIST 1406/HIST 1407 or HIST 1505

Hours: Three hours of lecture per week for one term.

Credits: 3

This course will explore the varied relationships between human societies and the environment in North America from the point of European contact to the present day. The perspective will be transnational and comparative - analysing the United States and Canada as 'invading' populations settle, exploit and adapt to the New World. Lectures are organized around the four elements (land, water, air and fire) as well as human perceptions of nature.

**HIST 3287 Canadian Working Class History**

Prerequisite: HIST 1205 or HIST 1406/HIST 1407 or HIST 1505

Hours: Three hours of lecture per week for one term.

Credits: 3

This course is designed to provide students with an overview of working class history in Canada from its earliest origins to the present. It will examine the transformation of work, the rise of scientific management, the introduction of new technologies into the workplace, and the history of the labour movement. It will also look at larger working-class communities in relation to race, gender, and class. *Offered in 2004-2005.*

**HIST 3296 Turning Points in American History**

Prerequisite: HIST 1406/HIST 1407 or HIST 3505

Hours: Three hours of lecture per week for one term.

Credits: 3

The history of the United States is marked by 'turning points' -- times of drama, glory, and despair that have irrevocably altered the country's social fabric and historical trajectory. This course endeavours to place turning points such as the American Revolution, the Civil War, the Progressive Era, and the Vietnam War into their larger historical and social contexts. Topics will vary from year to year. *Offered in 2004-2005.*

**HIST 3316 Topics in North American Cultural History**

Prerequisite: HIST 1205 or HIST 1406/HIST 1407 or HIST 1505

Hours: Three hours of lecture/seminar per week for one term.

Credits: 3

Culture, as Raymond Williams has reminded us, is one of the most complicated words of the English language. This course invites students to explore meanings of culture in North American history. Topics will vary from year to year, but may include "Regions in the North American Mind: The West", "Mass Culture and the Movies", and "Technology, Culture, and Society". *Offered in 2004-2005.*

**HIST 3356 History of Women in Canada**

Prerequisite: Six credits in History or GEND 1025 or WOMN 1005

Anti-requisite: HIST 3355

Hours: Two hours of lecture and one hour of tutorial per week for one term.

Credits: 3

This course examines the history of women in Canada from the time of European settlement to the twentieth century. Women's role in both the private and the public sphere is examined. The diversity of women's experience based on region, class and ethnicity (or race) is also explored. Tutorial discussions focuses on

various themes such as women's work, women in public, women and religion, women and education and women and family life. This course may be credited towards Gender Equality and Social Justice.

**HIST 3375 A History of Business in Canada**

Prerequisite: HIST 1205 or HIST 1406/HIST 1407 or HIST 1505

Hours: Three hours of lecture per week.

Credits: 6

A survey of changing business practices in the context of socio-economic change, from New France to the 20th century. *Offered in Summer 2004.*

**HIST 3386 History of Education in Canada**

Prerequisite: HIST 1205 or HIST 1406/HIST 1407 or HIST 1505

Anti-requisite: HIST 3385

Hours: Three hours of lecture per week for one term.

Credits: 3

This course will examine the relationship between education and society and the diversity of educational experiences in Canada, with particular attention to the impact on various social groups of the major trends in the history of education such as bureaucratization and the rise of progressive education.

**HIST 3505 History of the United States**

Prerequisite: HIST 1205 or HIST 1406/HIST 1407 or HIST 1505

Hours: Three hours of lecture per week.

Credits: 6

This course studies the main themes in American history from the colonial period to the present. *Offered in 2004-2005.*

**HIST 3515 Themes in American Social History**

Prerequisite: HIST 1205 or HIST 1406/HIST 1407 or HIST 1505

Hours: Three hours of lecture per week.

Credits: 6

This course will examine selected themes in American social history, especially issues relating to class, race and gender in the 19th and 20th century.

**HIST 3576 The Americas in the Colonial Era**

Prerequisite: HIST 1205 or HIST 1406/HIST 1407 or HIST 1505

Hours: Three hours of lecture per week for one term.

Credits: 3

This course compares the colonial societies in the western hemisphere. *Offered in 2004-2005.*

**HIST 3925 History and Historians: Ideas and Methods**

Prerequisite: HIST 1205 or HIST 1406/HIST 1407 or HIST 1505

Anti-requisite: HIST 3926

Hours: Three hours of lecture-seminar per week.

Credits: 6

This is a lecture-tutorial course for History majors and others with an interest in the historical discipline. Emphasis is placed on the concepts used by historians in their study of western society including Canada. As well as a survey of historical writing and the philosophy of history, the course examines several of the

interpretations and research and bibliographical techniques utilized by historians. This course may be credited towards Philosophy. Students in a General program considering an Honours program in History are advised that they should take this course in their second or third year. *Offered every year.*

#### **HIST 4015 Directed Studies**

Prerequisite: 24 credits in History and approval of the discipline is required prior to registration. *Students wishing to take this course during the following Spring/Summer or Fall/Winter Session must apply in writing to the discipline no later than February 15.*

Credits: 6

An individualized study course in which a student examines a special topic not normally offered at the upper year level but in an area of expertise of the instructor. An examination of the secondary literature in the topic area and the writing of a major term paper to meet discipline guidelines is required. *Offered every year.*

#### **HIST 4055 Research Project**

Prerequisite: 24 credits in History and approval of the discipline is required prior to registration. *Students wishing to take this course during the following Spring/Summer or Fall/Winter Session must apply in writing to the discipline no later than February 15.*

Credits: 6

An individualized research project in which the student writes a major research essay, based on primary sources and a historiographical review. Preparatory assignments appropriate to the topic may be required. *Offered every year.*

#### **HIST 4185 Canada in the Twentieth Century**

Prerequisite: 24 credits in History  
Hours: Three hours of lecture/seminar per week.  
Credits: 6

This course examines the political, social, economic, and intellectual developments in Canada from 1896 to the present.

#### **HIST 4225 Canadian Social History: Selected Themes**

Prerequisite: 24 credits in History  
Hours: Three hours of lecture/seminar per week.  
Credits: 6

This course examines immigration and settlement patterns, social structure, education and religion, and changing Canadian attitudes.

#### **HIST 4255 Victoria's Britain: Gender, Class and Culture in the Age of Empire**

Prerequisite: 24 credits in History  
Hours: Three hours of seminar per week.  
Credits: 6

This seminar course invites students to move past the myths of nineteenth-century Britain and see the Victorians as they worked, thought and played. Thematic readings and discussions address a number of topics including the social order and class consciousness; the construction of gender roles and separate spheres; the Victorian church and social impact of evangelicalism; literacy and the education of the working class; popular responses to imperialism; and the developing importance of sport, leisure and the mass market for consumer goods.

#### **HIST 4275 Ontario History**

Prerequisite: 24 credits in History, at least six credits of which will be HIST 1406 and HIST 1407, or HIST 3205.  
Hours: Three hours of lecture/seminar per week.  
Credits: 6

This course examines the social and economic development of Ontario with emphasis on such interrelated themes as settlement patterns, the transformation of agriculture, industrialization and urbanization.

#### **HIST 4315 Topics in North American History**

Prerequisite: 24 credits in History, at least six credits of which will be HIST 1406 and HIST 1407, or HIST 3205 or HIST 3505.  
Hours: Three hours of seminar per week.  
Credits: 6

Although the content of this course may vary from year to year, the course will examine topics in the history of North America from a cross-national comparative perspective. Contact the department for more information.

#### **HIST 4325 Oral History**

Prerequisite: 24 credits in History, at least six credits of which will be HIST 1406 and HIST 1407, or HIST 3205.  
Hours: Three hours of seminar per week.  
Credits: 6

Students will learn the theory and practice of oral history interviewing. Class time will be spent examining the practical and ethical dilemmas faced by the oral historian while working together in groups formed around an oral history project. Each working group's project proposal and interview guide (list of potential questions) will go through the ethics review process of Nipissing University. Once certified, each student will interview one or two North Bay area residents and transcribe their videotaped interview(s). At the end of the year, working groups will be required to make a 30 minute presentation to a public meeting. Based on the oral history interviews conducted by her/his working group, each student will write a term paper. With the permission of the interviewees, the videotaped interviews will be donated to the North Bay Museum as a permanent contribution to the history of the region.

#### **HIST 4335 Topics in American History**

Prerequisite: HIST 3505  
Hours: Three hours of lecture per week.  
Credits: 6

This course offers a critical examination of selected issues in the history of the United States. Topics will vary from year to year, yet may include the African-American experience, women's history, and popular culture.

#### **HIST 4345 The Emergence of the Modern United States 1860-1917**

Prerequisite: 24 credits in History  
Hours: Three hours of lecture/seminar per week.  
Credits: 6

This course examines several selected topics such as the Reconstruction of the South, the rise of the city, political and social reform, and imperialism. *Offered in 2004-2005.*

**HIST 4375 Community History: Approaches, Sources and Methods**

Prerequisite: 24 credits in History, at least six credits of which will be HIST 1406 and HIST 1407, or HIST 3205.

Hours: Three hours of lecture/seminar per week or equivalent.  
Credits: 6

This is an applied course in which students will examine various approaches, sources and methods used in the writing of community histories and apply this knowledge to a project of their own. Students will be encouraged to develop innovative projects based on local sources, to present their work in non-traditional formats when suitable and to make their work available to future researchers through the Institute for Community Studies and Oral History. *Offered in 2004-2005.*

**HIST 4465 Family and Community in North American Society**

Prerequisite: 24 credits in History, at least six credits of which will be HIST 1406 and HIST 1407, or HIST 3205 or HIST 3505.

Hours: Three hours of lecture per week.  
Credits: 6

This course examines the history of the family in North American society from the seventeenth century to the early twentieth century. The relationship between family and community in the context of economic and demographic change is explored. Selected themes such as childhood, marriage, old age and inheritance practices are looked at in various regional, ethnic and class contexts. *Offered every second year.*

**HIST 4475 Culture and Colonization in the Americas, 1500-1850**

Prerequisite: 24 credits in History, including one or more of the following: HIST 1406, HIST 2346, HIST 2575, HIST 3016, HIST 3505, HIST 3236, HIST 3576.

Hours: Three hours of lecture/seminar per week.  
Credits: 6

This seminar explores the cultural dimension of the colonial encounter between America and Europe through the close reading of texts that bear witness to that process in the early modern Atlantic world. Structured around the study of key primary sources drawn from the sixteenth through to the early nineteenth centuries, the course asks students to examine the ways in which this literature bears the mark of the respective cultural perspectives of Native peoples, Europeans, and Africans. Each student will prepare a major research paper centering on the interpretation of these sources. *Offered in 2004-2005.*

**HIST 4495 Modern Britain**

Prerequisite: 24 credits in History

Hours: Three hours of lecture/seminar per week.  
Credits: 6

The economic, social, political, and religious development of Great Britain - largely from 1714 to 1914 are examined.

**HIST 4505 Topics in Medieval History**

Prerequisite: 24 credits in History

Hours: Three hours of lecture per week.  
Credits: 6

This course investigates selected aspects of medieval life, including such topics as the influence of religious ideas and institutions, the heroic and chivalric warrior cultures, economic life, and gender roles and family structure.

**HIST 4605 Special Topics**

Prerequisite: 24 credits in History

Hours: Three hours of lecture/seminar per week.  
Credits: 6

The seminar topics lie in the professor's field of specialization. This is not an individualized study course. Topic: The U.S. Army and Navy Abroad. *Offered in 2004-2005.*

**HIST 4615 Special Topics**

Prerequisite: 24 credits in History

Hours: Three hours of lecture/seminar per week.  
Credits: 6

The seminar topics lie in the professor's field of specialization. This is not an individualized study course. Topic: Britain in the Twentieth Century. *Offered in 2004-2005.*

**HIST 4655 Western Europe in the Nineteenth and Twentieth Centuries**

Prerequisite: 24 credits in History

Hours: Three hours of lecture per week.  
Credits: 6

This course explores the history of Germany, France, Spain, Portugal, the Low Countries and Italy during the last two centuries. Topics may include: attempts at unifying Europe in political and economic terms; Napoléon, Hitler, and the Common Market; the French, German, Italian and Spanish road to modernization; the Revolution of 1848; French-German relations (from enemies to friends?); crises of Western European history such as World War I and World War II, the Paris Commune and Vichy, Fascist Italy, or Portugal under the Salazar regime. *Offered in 2004-2005.*

**HIST 4685 Russia and Ukraine in the Twentieth Century**

Prerequisite: 24 credits in History

Hours: Three hours of lecture/seminar per week.  
Credits: 6

This seminar concentrates on the history of Russia and Ukraine during the twentieth century. Topics may include: Russian and Ukrainian nationalism; the revolutions of 1905 and 1917; the Civil War; collectivization and the Ukrainian famine; the Five-Year Plans; the Great Terror; the Gulag Archipelago; the sovietization of Western Ukraine; World War II; postwar Stalinism; the Thaw; Russian and Ukrainian dissidents; the collapse of the Soviet Union; contemporary Ukraine and Russia.

**HIST 4725 The Age of Enlightenment**

Prerequisite: 24 credits in History

Hours: Three hours of lecture/seminar per week.  
Credits: 6

This course examines the intellectual, social, political, economic and religious development of Europe in the age of enlightenment.

**HIST 4775 Twentieth Century Crises in Historical Perspective**

Prerequisite: 24 credits in History

Hours: Three hours of lecture/seminar per week.  
Credits: 6

The legacies and problems of the late nineteenth century and the shaping of the twentieth century world are examined. Emphasis is placed on social and cultural implications of selected international events. *Offered in 2004-2005.*

### Cross-Listed Courses

The following courses may be credited towards History: GEND 3126 or PSYC 3126.

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## Law and Justice

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This discipline is not offered as a degree, but the courses in Law and Justice may be credited as electives in any other degree program. Some Law and Justice courses may be required in other programs.

### Law and Justice Courses

#### **JURI 2306 Commercial Law**

Prerequisite: No prerequisite.

Restricted to upper year students.

Hours: Three hours of lecture per week for one term.

Credits: 3

This course examines the legal rights and duties of buyers, sellers, employers and employees in Canadian law. Topics include contracts, insurance, negotiable instruments, business forms, property, and credit. *Offered in 2004-2005.*

#### **JURI 2436 Environmental Law I**

Prerequisite: No prerequisite.

This course is intended primarily for students in the Environmental Biology and Technology program.

Hours: Three hours of lecture per week per fourteen week term.

Credits: 3

This course surveys the structure and development of current environmental legislation and corresponding regulations at the international and Canadian federal, provincial, and municipal levels. Topics will include development/creation of environmental laws, structure of environmental laws, correct procedures for adhering to current legislation, corporate responsibility, investigation and enforcement, compliance and control, due diligence, corporate commitment to sustainable development, and professional codes of practices. *Offered in 2004-2005.*

#### **JURI 2506 Property Law**

Prerequisite: CRJS 2206 (formerly JURI 2206)

Hours: Three hours of lecture per week for one term.

Credits: 3

The purpose of this course is to introduce students to the law of real and personal property. Topics include kinds of real property, estates in land, leases, mortgages, agency and personal property. *Offered periodically.*

#### **JURI 3436 Environmental Law II**

Prerequisite: JURI 2436

This course is intended primarily for students in the Environmental Biology and Technology program.

Hours: Three hours of lecture per week per fourteen-week term.

Credits: 3

In this course, the student will study the application of current environmental legislation and corresponding regulations at the international, federal, provincial and municipal levels. Topics will include access to information and the creation and revision of regulations, policies and procedures, guidelines, standards, limits, and codes of practices. Practical examples will be emphasized.

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## Liberal Arts

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### Undergraduate Degree

- Bachelor of Arts (3-Year Liberal)

### Bachelor of Arts (3-Year Liberal)

The Bachelor of Arts (Liberal) will give students maximum flexibility in designing their own degree programs. The program is designed to provide students with a Liberal Arts education which emphasizes breadth rather than specialization.

Students must complete at least 48 credits in courses chosen from at least three disciplines in Group I (Humanities) and Group II (Social Sciences), with at least six credits in each group. Students must complete a minimum of 18 credits in each of two disciplines chosen from any of the four groups, with at least one of the two disciplines chosen from Group I or Group II. These 18 credits may include courses cross-listed for credit in that discipline (if they have not been used elsewhere to complete program requirements), with at least six credits at the first year level and six credits at the upper year level. For a list of disciplines which may be included in Liberal Arts, please refer to that section of the Calendar (see Degrees and Majors at a Glance).

#### Program Requirements

Discipline 1 (Group I or Group II)	18 cr.
Discipline 2	18 cr.

A minimum grade of 60% is required in the first year introductory course(s) for each declared sequence.

*Students are limited to 30 credits in one discipline and 54 credits in any two disciplines combined.*

#### Other Program Requirements

Science (unless included in the disciplines above)	6 cr.
Electives	48 cr.

For complete Bachelor of Arts (3-Year Liberal) degree requirements, please refer to that section of the Calendar.

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## Liberal Science

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### Undergraduate Degree

- Bachelor of Science (3-Year Liberal)

### Bachelor of Science (3-Year Liberal)

Students must complete a minimum of 54 credits chosen from three Science disciplines.

Students must complete 18 credits in each of two science disciplines. These 18 credits may include courses cross-listed for credit in that discipline (if they have not been used elsewhere to complete program requirements), with at least six credits at the first year level and six credits at the upper year level. For a list of disciplines which may be included in Liberal Science, please refer to that section of the Calendar (see Degrees and Majors at a Glance).

#### Program Requirements

Discipline 1	18 cr.
Discipline 2	18 cr.
Science Electives	18 cr.

Six credits in each of two of the following disciplines: Chemistry, Mathematics, and Physics.

A minimum grade of 60% is required in the first year introductory course(s) for each declared sequence.

Six credits from the following: 6 cr.

HIST	2245	History of Science
PHIL	2505	Straight Thinking and Argument
PHIL	2915	Philosophy of Science

*Students are limited to 54 credits in a single discipline.*

#### Other Program Requirements

Humanities and Social Science Electives	12 cr.
Electives	18 cr.

For complete Bachelor of Science (3-Year Liberal) degree requirements, please refer to that section of the Calendar.

# Mathematics

## Undergraduate Degrees

- Bachelor of Science (Honours)
- Bachelor of Arts (Honours)
- Bachelor of Science (3-Year General)
- Bachelor of Arts (3-Year General)

## Mathematics Courses

### Core Mathematics Group

- \* MATH 1035 Calculus
- \* MATH 1046 Introductory Linear Algebra
- \* MATH 1056 Discrete Mathematics I
- MATH 2036 Advanced Calculus I
- MATH 2037 Advanced Calculus II
- MATH 2046 Advanced Linear Algebra
- MATH 2056 Discrete Mathematics II
- MATH 2076 Probability & Statistics I

### Group I Pure Mathematics

- MATH 2116 Geometry
- MATH 3126 Number Theory
- MATH 3127 Combinatorics & Graph Theory
- MATH 3136 Real Analysis I
- MATH 3137 Real Analysis II
- MATH 3146 Complex Analysis I
- MATH 3156 Algebra I
- MATH 3157 Algebra II
- MATH 3166 Topology

### Group II Applied Mathematics

- MATH 3266 Differential Equations I
- MATH 3267 Differential Equations II
- MATH 3276 Probability & Statistics II
- MATH 3286 Mathematics of Finance
- MATH 3296 Mathematical Modeling
- COSC 2206 Mathematical Computation
- COSC 3006 Numerical Methods I

### Group III Mathematics Options

- MATH 2306 History of Mathematics
- MATH 2386 Problem Solving
- MATH 3396 Selected Topics I
- MATH 3397 Selected Topics II

### Group IV Honours Research

- MATH 4496 Senior Research Project I
- MATH 4497 Senior Research Project II

## Bachelor of Science (Honours) - Single Major

Students must complete 120 credits including a minimum of 78 credits in Science, with a minimum of 66 credits in Mathematics, plus 42 additional credits as outlined below:

- \* Core Mathematics Group 27 cr.
- Group IV 6 cr.
- COSC 1557 Introduction to Computer Science 3 cr.
- COSC 1567 Programming in C++ 3 cr.

Plus one of the following streams:

### Pure Mathematics Stream

- Group I 18 cr.
- Group II 6 cr.
- Group I, II or III 9 cr.

### Applied Mathematics Stream

- Group I 6 cr.
- Group II 18 cr.
- Group I, II or III 9 cr.

### Non-specialized Stream

- Group I 12 cr.
- Group II 12 cr.
- Group I, II or III 9 cr.

One of: 6 cr.

- CHEM 1005 General Chemistry
- PHYS 1005 General Physics

\*Students must complete MATH 1035, MATH 1046 and MATH 1056 with a minimum grade of 60% in each.

*Students are limited to a maximum of 84 credits in Mathematics.*

### Other Program Requirements

- Humanities 6 cr.
- Social Sciences 6 cr.
- Electives 30 cr.

For complete Bachelor of Science (Honours) degree requirements, please refer to that section of the Calendar

## Bachelor of Science (Honours) - Combined Major in Mathematics and Computer Science

Students must complete 120 credits including a minimum of 90 credits in Science, with a minimum of 42 credits in each of Mathematics and Computer Science, plus 30 additional credits as outlined below:

- \* Core Mathematics Group 27 cr.
- Mathematics Group I, II or III 12 cr.
- MATH 4496 Senior Research Project I 3 cr.

- \* COSC 1557 Introduction to Computer Science 3 cr.
- COSC 1567 Programming in C++ 3 cr.
- COSC 1757 Digital Systems 3 cr.
- COSC 2006 Data Structures I 3 cr.
- COSC 2106 Machine Structures I 3 cr.
- COSC 2667 Operating Systems I 3 cr.

Nine credits of: 9 cr.

- COSC 2116 Artificial Neural Networks
- COSC 2206 Mathematical Computation
- COSC 3006 Numerical Methods I

COSC 3007 Artificial Intelligence & Robotics  
 COSC 3207 Computer Graphics  
 COSC 3307 3D Computer Graphics

Three credits of: 3 cr.

COSC 4206 Topics in Computer Science  
 COSC 4207 Computer Science Seminars

Three credits of: 3 cr.

COSC 4896 Honours Research I  
 COSC 4997 Honours Practicum

Computer Science Core or Options 9 cr.

Six credits of: 6 cr.

CHEM 1005 General Chemistry  
 PHYS 1005 General Physics

\*Students must complete COSC 1557, MATH 1035, MATH 1046 and MATH 1056 with a minimum grade of 60% in each.

*Students are limited to a maximum of 84 credits in a single discipline.*

#### Other Program Requirements

Humanities 6 cr.  
 Social Sciences 6 cr.  
 Electives 18 cr.

For complete Bachelor of Science (Honours) degree requirements, please refer to that section of the Calendar.

### Bachelor of Arts (Honours) - Single Major

Students must complete 120 credits including a minimum of 66 credits in Mathematics, plus 54 additional credits as outlined below:

\* Core Mathematics Group 27 cr.  
 Group IV 6 cr.  
 COSC 1557 Introduction to Computer Science 3 cr.

Plus one of the following streams:

#### Pure Mathematics Stream

Group I 18 cr.  
 Group II 6 cr.  
 Group I, II or III 9 cr.

#### Applied Mathematics Stream

Group I 6 cr.  
 Group II 18 cr.  
 Group I, II or III 9 cr.

#### Non-specialized Stream

Group I 12 cr.  
 Group II 12 cr.  
 Group I, II or III 9 cr.

\*Students must complete MATH 1035, MATH 1046 and MATH 1056 with a minimum grade of 60% in each.

*Students are limited to a maximum of 84 credits in a single discipline.*

#### Other Program Requirements

Humanities 6 cr.  
 Social Sciences 6 cr.  
 Electives 39 cr.

For complete Bachelor of Arts (Honours) degree requirements, please refer to that section of the Calendar.

### Bachelor of Arts (Honours) - Combined Major

Students must complete 120 credits including a minimum of 42 credits in Mathematics and a minimum of 42 credits in another discipline, plus 36 additional credits as outlined below. The second major must include all of the required courses specified for that major. The Mathematics requirements are outlined below:

\* Core Mathematics Group 27 cr.  
 Group I, II or II 12 cr.  
 Group IV 3 cr.

COSC 1557 Introduction to Computer Science 3 cr.

\*Students must complete MATH 1035, MATH 1046 and MATH 1056 with a minimum grade of 60% in each.

*Students are limited to a maximum of 84 credits in a single discipline.*

#### Other Program Requirements

Major 2 42 cr.  
 Humanities 6 cr.  
 Social Sciences 6 cr.  
 Electives 21 cr.

For complete Bachelor of Arts (Honours) degree requirements, please refer to that section of the Calendar.

### Bachelor of Science (3 - Year General) - Single Major

Students must complete 90 credits including a minimum of 60 credits in Science, with a minimum of 36 credits in Mathematics, plus 30 additional credits as outlined below:

\* Core Mathematics Group 27 cr.  
 Groups I, II or III 9 cr.

COSC 1557 Introduction to Computer Science 3 cr.  
 COSC 1567 Programming in C++ 3 cr.

One of: 6 cr.

CHEM 1005 General Chemistry  
 PHYS 1005 General Physics

\*Students must complete MATH 1035, MATH 1046 and MATH 1056 with a minimum grade of 60% in each.

*Students are limited to a maximum of 54 credits in a single discipline.*

**Other Program Requirements**

Science	12 cr.
Humanities	6 cr.
Social Sciences	6 cr.
Electives	18 cr.

For complete Bachelor of Science (3-Year General) degree requirements, please refer to that section of the Calendar.

## Bachelor of Science (3-Year General) - Combined Major in Mathematics and Computer Science

Students must complete 90 credits including a minimum of 66 credits in Science, with a minimum of 30 credits in each of Computer Science and Mathematics, plus 24 additional credits as outlined below.

All of:

* Computer Science Core Group	27 cr.
* Mathematics Core Group	27 cr.

Plus:

Computer Science Options	3 cr.
Mathematics Course Groups I, II or III	3 cr.

Six credits of: 6 cr.

BIOL 1006	Introduction to Molecular and Cell Biology
BIOL 1007	Introduction to Organismal and Evolutionary Biology
CHEM 1005	General Chemistry
GEOL 1005	General Geology
PHYS 1005	General Physics

\*Students must complete COSC 1557, MATH 1035, MATH 1046 and MATH 1056 with a minimum grade of 60% in each.

*Students are limited to a maximum of 54 credits in a single discipline.*

**Other Program Requirements**

Humanities	6 cr.
Social Sciences	6 cr.
Electives	12 cr.

Students are also encouraged to choose some of their elective courses from one or more subject areas where Mathematics is applied, e.g. Biology, Business, Economics, Environmental Science, Geography, Psychology, and Sociology.

For complete Bachelor of Science (3-Year General) degree requirements, please see that section of the Calendar.

## Bachelor of Arts (3-Year General) - Single Major

Students must complete 90 credits a minimum of 36 credits in Mathematics, plus 54 additional credits as outlined below:

* Core Mathematics Group	27 cr.
Groups I, II or III	9 cr.
COSC 1557 Introduction to Computer Science	3 cr.

\*Students must complete MATH 1035, MATH 1046 and MATH 1056 with a minimum grade of 60% in each.

*Students are limited to a maximum of 54 credits in a single discipline.*

**Other Program Requirements**

Humanities	6 cr.
Social Sciences	6 cr.
Electives	39 cr.

For complete Bachelor of Arts (3-Year General) degree requirements, please refer to that section of the Calendar.

## Bachelor of Arts (3-Year General) - Combined Major

Students must complete 90 credits including a minimum of 30 credits in Mathematics and a minimum of 30 credits in another discipline, plus 30 additional credits as outlined below. The second major must include all of the required courses specified for that discipline. The Mathematics requirements are:

* Core Mathematics Group	27 cr.
Groups I, II or III	3 cr.
COSC 1557 Introduction to Computer Science	3 cr.

\*Students must complete MATH 1035, MATH 1046 and MATH 1056 with a minimum grade of 60% in each.

*Students are limited to a maximum of 54 credits in a single discipline.*

**Other Program Requirements**

Major 2	30 cr.
Humanities	6 cr.
Social Sciences	6 cr.
Electives	15 cr.

For complete Bachelor of Arts (3-Year General) degree requirements, please refer to that section of the Calendar.

## Minor in Mathematics

A minor in Mathematics is available to students pursuing a major in another discipline. A minor consists of a minimum of 24 credits in a discipline. In Mathematics, the minor must consist of a minimum of six credits at the first year level and at least 12 credits at the upper year level. Cross-coded and cross-listed courses may count towards a minor if they have not been used elsewhere to complete program requirements. A minimum grade of 60 % is required in the introductory course(s) presented for the minor. MATH 1070, MATH 1911 and MATH 1912 may not be counted in the minor.



## Mathematics Courses

### MATH 1035 Calculus

Prerequisite: OAC/4U Calculus or equivalent  
Hours: Three hours of lecture and one hour of tutorial per week.  
Credits: 6

Topics covered include: the real number system, algebra of functions, limits and continuity, differentiation, the mean value theorem, the definite integral, differentiation and integration of transcendental functions, applications of the derivative, techniques of integration, application of the integral, L'Hopital's rules, improper integrals, short introduction to ordinary differential equations, infinite series, partial differentiation. *Offered every year.*

### MATH 1046 Introductory Linear Algebra

Prerequisite: An OAC Mathematics or MGA4U  
Hours: Four hours of lecture per week for one term.  
Credits: 3

Systems of linear equations; vectors in 2- and 3- dimensional Euclidean spaces; linear transformations; matrix algebra; determinants; and introduction to eigenvalues and eigenvectors and their applications. *Offered every year.*

### MATH 1056 Discrete Mathematics I

Prerequisite: An OAC Mathematics or MGA4U  
Hours: Four hours of lecture per week for one term.  
Credits: 3

An introductory survey of discrete mathematics, with selected applications in the field of computing. Theoretical topics include: deductive and predicate logic; methods of proof; elementary number theory; number systems and Boolean algebra; mathematical induction; equivalence and order relations; set theory; elementary combinatorics; and the binomial theorem. Computer applications include: binary and hexadecimal representation; elementary computational arithmetic; digital logic circuits and their practical implementation (including simple labs utilizing AND, OR, NAND, NOR and XOR gates); computer algorithms; and program verification and error detection. *Offered every year.*

### MATH 1070 Fundamentals of Arithmetic for Teachers

Prerequisite: An OAC/4U mathematics or equivalent  
MATH 1070 may not be credited towards a major or a minor in mathematics.  
Hours: Three hours of lecture per week.  
Credits: 6

This course is primarily intended for those students planning to become elementary school teachers. Topics covered include: logic; set theory; relations and operations on a set; structure and properties of the whole number system and whole number arithmetic, including modular arithmetic; structure and properties of the integer system and integer arithmetic; structure and properties of the rational number system and rational number arithmetic; structure and properties of the real number system and real number arithmetic. Applications and examples from the field of elementary mathematics education are also included. *Offered every year. Also offered in Muskoka 2004-2005.*

### MATH 1257 Technical Statistics

Prerequisite: No prerequisite.  
A student in a degree program cannot retain credit for more than nine credits of introductory statistics courses.  
Hours: Three hours of lecture and two hours of laboratory work per week for one term.  
Credits: 3

This introductory course will give the student an overview of descriptive and inferential statistical methods, with an emphasis on the use of computers for statistical analysis of data. Topics include measures of central tendency and dispersion, probability, probability distributions, estimation, hypothesis testing, regression and correlation analysis, and parametric and non-parametric tests of hypotheses involving two or more populations. *Offered every year.*

### MATH 1911 Finite Mathematics

Prerequisite: As a prerequisite, this course is equivalent to the Finite Mathematics OAC.  
MATH 1911 may not be taken by students with credit in the Finite Mathematics OAC/4U. MATH 1911 may not be credited towards a major, minor, or a Liberal program in Mathematics.  
Hours: Four hours of lecture per week for one term.  
Credits: 3

Topics include: introductory algebra and trigonometry, matrices and systems of linear equations, linear programming, descriptive statistics and elementary concepts of probability. This course is intended primarily for students in the Social Sciences and Professional Schools. *Offered every year. Also offered in Muskoka 2004-2005.*

### MATH 1912 Elementary Calculus

Prerequisite: As a prerequisite, this course is equivalent to the Calculus OAC.  
MATH 1912 may not be taken by students with credit in the Calculus OAC/4U. MATH 1912 may not be credited towards a major, minor, or a Liberal program in Mathematics.  
Hours: Four hours of lecture per week for one term.  
Credits: 3

Topics include functions, limits, continuity, basic differentiation, curve sketching, exponential and logarithmic functions and integration of simple functions. This course is intended for students in the Social Sciences and Professional Schools. Practical examples from these areas are included. *Offered every year. Also offered in Muskoka 2004-2005.*

### MATH 2036 Advanced Calculus I

Prerequisite: MATH 1035  
Hours: Three hours of lecture per week for one term.  
Credits: 3

Sequences; convergence; series; power series; Taylor series; and introduction to first- and second-order differential equations. *Offered every year.*

### MATH 2037 Advanced Calculus II

Prerequisite: MATH 1035  
Hours: Three hours of lecture per week for one term.  
Credits: 3

Review of vectors, lines and planes; scalar functions of several variables; partial differentiation; multiple integration; gradient and applications to curves, surfaces and volumes; vector functions; divergence and curl; Green's, Gauss' and Stokes' theorems and applications. *Offered every year.*

**MATH 2046 Advanced Linear Algebra I (formerly MATH 2057)**

Prerequisite: MATH 1046

Anti-requisite: MATH 2057

Hours: Three hours of lecture per week for one term.

Credits: 3

A continuation of MATH 1046, with further study of: linear transformations and their matrix representation; vector spaces; bases and dimension; and eigenvalues and eigenvectors. Additional topics include: inner product spaces; orthogonality; diagonalization; quadratic forms; and applications. *Offered every year.*

**MATH 2056 Discrete Mathematics II**

Prerequisite: MATH 1056

Hours: Three hours of lecture per week for one term.

Credits: 3

This course covers the following topics: countability of sets; first-order logic; algebra of relations; graph theory (including path problems, chromatic number, trees, planarity, directed graphs and directed trees); recurrence relations;  $O(f)$ ,  $o(f)$  and  $\Theta(f)$  notations. *Offered every year.*

**MATH 2076 Probability & Statistics I**

Prerequisite: MATH 1035

A student in a degree program cannot retain credit for more than nine credits of introductory statistics courses.

Hours: Three hours of lecture and one hour of tutorial per week for one term.

Credits: 3

Sets and counting; probability and relative frequency; conditional probability; Bayes' theorem; independence; discrete and continuous random variables; binomial, Poisson and normal distributions; functions of random variables; law of large numbers; generating functions; characteristic functions; moments; compound distributions; central limit theorems; Markov chains and their limiting probabilities. *Offered every year.*

**MATH 2116 Geometry**

Prerequisite: MATH 1056

Hours: Three hours of lecture per week for one term.

Credits: 3

A general survey of Euclidean, non-Euclidean and projective geometries; axiomatic systems; transformations; and symmetry. *Offered every second year. Offered in 2004-2005.*

**MATH 2306 History of Mathematics**

Prerequisite: An OAC/4U mathematics course or equivalent.

Hours: Three hours of lecture per week for one term.

Credits: 3

A survey of many of the great theorems in the history of mathematics, and their impact on mathematical discoveries and other scientific or philosophical ideas of the time. Theorems will range from the "quadrature of the line" to Cantor's concept of infinity. *Offered every second year. Next offered in 2005-2006.*

**MATH 2386 Problem Solving**

Prerequisite: MATH 1035, MATH 1046, and MATH 1056

Hours: Three hours of lecture per week for one term.

Credits: 3

This course focuses on improving students' ability to solve problems from a wide variety of mathematical fields. Techniques

involving direct and indirect reasoning, proof by contradiction, symmetry, etc., are illustrated through numerous examples and problems. Ideas from areas such as analysis, probability and algebra are used in ways that are unexpected. Much of the learning occurs in an heuristic manner. At the end of the course, students may take part in the William Lowell Putnam Mathematics Competition. *Offered every year.*

**MATH 3126 Number Theory**

Prerequisite: MATH 1056

Hours: Three hours of lecture per week for one term.

Credits: 3

Divisibility theory; Euclidean algorithm; congruencies; solutions of polynomial congruencies; primitive roots; power residues; quadratic reciprocity law; arithmetic functions; distribution of prime numbers; quadratic forms; and diophantine equations. *Offered every second year. Next offered in 2005-2006.*

**MATH 3127 Combinatorics & Graph Theory**

Prerequisite: MATH 2056

Hours: Three hours of lecture per week for one term.

Credits: 3

A basic introduction to combinatorics and graph theory, including: planarity of graphs and colorings; matching problems; the principle of inclusion and exclusion; generating functions; Polya's theory of counting; Stirling numbers; and Eulerian numbers. *Offered every second year. Next offered in 2005-2006.*

**MATH 3136 Real Analysis I (formerly MATH 3036)**

Prerequisite: MATH 2036

Anti-requisite: MATH 3036

Hours: Three hours of lecture per week for one term.

Credits: 3

The real number system; sequences and limits; continuity; topology of the real line; theory of differentiation; and the Riemann integral. *Offered every second year. Next offered in 2005-2006.*

**MATH 3137 Real Analysis II**

Prerequisite: MATH 3136 (formerly MATH 3036)

Hours: Three hours of lecture per week for one term.

Credits: 3

A continuation of MATH 3136, including: metric spaces; convergence; completeness; continuity; compactness; connectedness; sequences and series of functions; Arzela-Ascoli theorem; Stone-Weierstrass theorem; Fourier series; inverse and implicit function theorems; and integration theory. *Offered every second year. Offered in 2004-2005.*

**MATH 3146 Complex Analysis I (formerly MATH 3046)**

Prerequisite: MATH 2036 and MATH 2037

Anti-requisite: MATH 3046

Hours: Three hours of lecture per week for one term.

Credits: 3

Introduction to complex variables; complex functions; limits and continuity; derivatives; the Cauchy-Reimann equations; residues; and contour integration. *Offered every second year. Offered in 2004-2005.*

**MATH 3156 Algebra I (formerly MATH 3056)**

Prerequisite: MATH 2056

Anti-requisite: MATH 3056

Hours: Three hours of lecture per week for one term.

Credits: 3

An introduction to abstract algebraic systems, including: partially ordered sets; lattices; Boolean algebras; monoids; and a detailed study of groups. *Offered every second year. Offered in 2004-2005.*

**MATH 3157 Algebra II**

Prerequisite: MATH 3156 (formerly MATH 3056)

Hours: Three hours of lecture per week for one term.

Credits: 3

Rings; ideals and quotient rings; fields; integral domains; polynomial rings; vector spaces and modules; extension fields; and linear transformations. *Offered every second year. Next offered in 2005-2006.*

**MATH 3166 Topology**

Prerequisite: MATH 3136 (formerly MATH 3036)

Hours: Three hours of lecture per week for one term.

Credits: 3

Topological spaces; compactness and connectedness; continuous functions; Tychonoff's theorem; separation axioms; Urysohn and Tietz theorems; homotopy; fundamental group; and covering spaces. *Offered every second year. Offered in 2004-2005.*

**MATH 3266 Differential Equations I (formerly MATH 3066)**

Prerequisite: MATH 2036

Anti-requisite: MATH 3066

Hours: Three hours of lecture per week for one term.

Credits: 3

First order differential equations; difference equations; second and higher order linear differential equations with constant coefficients; Laplace transformations; and series solutions. *Offered every second year. Next offered in 2005-2006.*

**MATH 3267 Differential Equations II**

Prerequisite: MATH 2037, MATH 2046 (formerly MATH

2057) and MATH 3266 (formerly MATH 3066)

Hours: Three hours of lecture per week for one term.

Credits: 3

Introduction to nonlinear systems; stability; limit cycles and chaos; numerical solution of differential equations; Sturm-Liouville theory; Fourier series; and introduction to partial differential equations. *Offered every second year. Offered in 2004-2005.*

**MATH 3276 Probability & Statistics II**

Prerequisite: MATH 2076

A student in a degree program cannot retain credit for more than nine credits of introductory statistics courses.

Hours: Three hours of lecture per week for one term.

Credits: 3

Methods of data analysis and data presentation; sampling distributions; point estimation and properties of estimators; parameter estimation; maximum likelihood and moment matching; interval estimation; hypothesis testing; likelihood ratio tests; goodness-of-fit tests; linear regression; analysis of variance; and nonparametric tests. *Offered every second year. Offered in 2004-2005.*

**MATH 3286 Mathematics of Finance**

Prerequisite: MATH 2076

Hours: Three hours of lecture per week for one term.

Credits: 3

A survey of topics in the mathematical theory of interest and life contingencies, including: interest accumulation; annuities; amortization; sinking funds; bonds; capital budgeting; measurement of mortality; life annuities; life insurance; premiums; reserves; cash values; population theory; and multi-life functions. *Offered every second year. Next offered in 2005-2006.*

**MATH 3296 Mathematical Modeling**

Prerequisite: MATH 2036, MATH 2037 and MATH 2076

Hours: Three hours of lecture per week for one term.

Credits: 3

Principles of mathematical modeling; application of advanced mathematical concepts to a variety of disciplines, using models based on differential equations, optimization, and combinatorial and graph theoretical techniques, with concrete examples for each model. *Offered every second year. Offered in 2004-2005.*

**MATH 3396 Selected Topics I**

Prerequisite: Completion of core mathematics group.

Hours: Three hours of lecture per week for one term.

Credits: 3

An area of advanced mathematics which is not covered in any other course. *Offered every second year. Offered in 2004-2005.*

**MATH 3397 Selected Topics II**

Prerequisite: Completion of core mathematics group.

Hours: Three hours of lecture per week for one term.

Credits: 3

An area of advanced mathematics which is not covered in any other course. *Offered every second year. Next offered in 2005-2006.*

**MATH 4496 Senior Research Project I**Prerequisite: Completion of core mathematics group and approval of the department. *As departmental approval is*

*required prior to registration, all students wishing to take this*

*course during the following spring/summer or fall/winter ses-*

*sion must apply to the department no later than 15 February.*

Credits: 3

An individualized studies course in which a senior student conducts research in a topic not specifically covered in other courses, under the supervision of a faculty member with expertise in that area. Each student will be required to make oral presentations on their work to faculty and students at several seminar sessions held for this purpose, and to submit a final report, written in the format of a journal article. Normally restricted to honours mathematics students. *Offered every year.*

**MATH 4497 Senior Research Project II**Prerequisite: Completion of core mathematics group and approval of the department. *As departmental approval is*

*required prior to registration, all students wishing to take this*

*course during the following spring/summer or fall/winter ses-*

*sion must apply to the department no later than 15 February.*

Credits: 3

An individualized studies course in which a senior student conducts research in a topic not specifically covered in other courses.

es, under the supervision of a faculty member with expertise in that area. Each student will be required to make oral presentations on their work to faculty and students at several seminar sessions held for this purpose, and to submit a final report, written in the format of a journal article. Normally restricted to honours mathematics students. *Offered every year.*

### Cross-Listed Courses

The following courses may be credited towards Mathematics: COSC 2206 and COSC 3006.

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## Music

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This discipline is not offered as a degree, but the courses in Music may be credited as electives in any other degree program.

### Music Courses

#### **MUSC 1006 Exploring Music and Culture I**

Prerequisite: No prerequisite.

Hours: Three hours of lecture per week for one term.

Credits: 3

This course introduces students to basic elements of music while exploring the cultural importance of musics within Canadian, and other cultural contexts on various continents. Studying forms, styles and instruments, related themes of peoples, communities, history, religion, politics, dance and popular culture are explored. Through this ethnomusicological approach, students gain an understanding and appreciation of the sound, power and meaning of music as it exists within culture. This course may be credited towards Anthropology. *Offered in 2004-2005.*

#### **MUSC 1007 Exploring Music and Culture II**

Prerequisite: MUSC 1006

Hours: Three hours of lecture per week for one term.

Credits: 3

Exploring music and related cultural practices, this course addresses the fundamentals of music from a world music perspective. These include rhythm, melody, timbre, texture, form, and the place of technology in music production. This course may be credited towards Anthropology. *Offered in 2004-2005.*

#### **MUSC 1026 History of Western Art Music I**

Prerequisite: No prerequisite.

Anti-requisite: MUSC 1021

Hours: Three hours of lecture per week for one term.

Credits: 3

This course will provide students with the tools for informed listening through an understanding of the basic elements of music. An historical survey of musical styles and the works of representative composers from the Medieval, Renaissance, Baroque and early Classical eras will be presented. *Offered in 2004-2005.*

#### **MUSC 1027 History of Western Art Music II**

Prerequisite: MUSC 1026

Anti-requisite: MUSC 1021

Hours: Three hours of lecture per week for one term.

Credits: 3

This course is a continuation of MUSC1026 History of Western Art Music I. A look at the musical styles and works of representative composers of the late Classical, Romantic and Twentieth Century eras will be offered. Twentieth Century Canadian Art Music will also be included. *Offered in 2004-2005.*

**MUSC 1101 Music Theory I**

Prerequisite: No prerequisite.

Hours: Three hours of lecture per week for one term.

Credits: 3

This course will introduce students to the basic vocabulary of music theory including notation, scales, intervals, chords, rhythm, cadences, transposition and musical terms. The course is good preparation for Conservatory Grade 2 Rudiments. *Offered in 2004-2005.*

**MUSC 1102 Music Theory II**

Prerequisite: MUSC 1101 or Grade 2 Conservatory Rudiments

Hours: Three hours of lecture per week for one term.

Credits: 3

This course, which is a continuation of MUSC 1101, involves the study of chordal relationships as found in four-part writing. Melody-writing, structural analysis, and chordal analysis will also be addressed. *Offered in 2004-2005.*

**MUSC 1420 Applied Music I**

Prerequisite: Grade 6 Conservatory (or OAC/4U Music) and an audition

Hours: Three hours of class per week.

Credits: 6

This course is designed for students who wish to pursue the study of an applied instrument. Each week, students will receive a private lesson as well as participate in classes which will alternate between an ensemble experience, a masterclass and lectures. An entrance audition is required and should be scheduled before classes begin in September. Instruments may include piano, voice, guitar, brass, woodwind, strings and percussion. *Offered in 2004-2005.*

**MUSC 2006 Immigrant and Diaspora Musics in Canada**

Prerequisite: No prerequisite.

Hours: Three hours of lecture per week for one term.

Credits: 3

An examination of immigrant and diaspora musics and related cultural production in Canada, largely through topics and methods related to folklore and ethnology.

**MUSC 2007 Aboriginal Musics in Canadian Contexts**

Prerequisite: No prerequisite.

Hours: Three hours of lecture per week for one term.

Credits: 3

This course examines Aboriginal music practices of various First Nations within Canada. The musical styles, contexts and functions of traditional, powwow and contemporary forms of music are discussed. This course may be credited towards Native Studies.

**MUSC 2056 Music in Popular Culture I**

Prerequisite: No prerequisite.

Hours: Three hours of lecture per week for one term.

Credits: 3

This course explores various aspects involved in the production and development of popular music, paying particular attention to Canadian contexts and material. Illustrative listening examples ground discussions wherein a number of issues are raised, relating to genre, marketing, regulation and legislation, the role of music video, and formative traditions (such as the "singer/song-writer") within the realm. *Offered in 2004-2005.*

**MUSC 2057 Music in Popular Culture II**

Prerequisite: No prerequisite.

Hours: Three hours of lecture per week for one term.

Credits: 3

This course focuses on "world beat", "global pop" and other transnational popular music genres, thereby raising issues such as appropriation, hybridity, transmission, transnationalism and globalization, music as resistance, music and identity, music and nationalism. A number of case studies will be examined from within Indigenous, Canadian and other cultural contexts on different continents. *Offered in 2004-2005.*

**MUSC 2255 Elementary School Music I**

Prerequisite: No prerequisite.

Hours: Three hours of lecture per week.

Credits: 6

This course surveys materials and techniques appropriate for use in the elementary school classroom, with a special emphasis on pedagogical problems encountered in dealing with children in the lower grades. This course is beneficial for those considering the Primary/Junior Division course in teacher education or those working in the field requiring additional studies in music education. *Offered in 2004-2005.*

**MUSC 2420 Applied Music II**

Prerequisite: MUSC 1420

Hours: Three hours of class per week.

Credits: 6

This course is designed for students who wish to continue the study of an applied instrument begun in MUSC 1420. Students will be expected to continue their progress to a higher level of proficiency as compared to MUSC 1420. *Offered in 2004-2005.*

**MUSC 2606 History of Music: The Classical Period**

Prerequisite: MUSC 1027

Hours: Three hours of lecture per week for one term.

Credits: 3

This course will provide an introduction to the music of the Classical Period (1750 - 1825). The focus will be on the style, form and historical background of the music and on major composers such as Mozart, Haydn and Beethoven.

**MUSC 2616 History of Music: The Romantic Period**

Prerequisite: MUSC 1027

Hours: Three hours of lecture per week for one term.

Credits: 3

The music of the Nineteenth Century will be studied with an emphasis on historical/social influences, informed listening and biographical information on the major composers of the period.

**MUSC 2626 History of Music: The Twentieth Century**

Prerequisite: MUSC 1027

Hours: Three hours of lecture per week for one term.

Credits: 3

This course will examine musical styles and techniques from the Twentieth Century, beginning with Post-Romanticism and Impressionism and extending to the Post World War II era.

**MUSC 3420 Applied Music III**

Prerequisite: MUSC 2420

Hours: Three hours of class per week.

Credits: 6

This course is designed for students who wish to continue the study of an applied instrument begun in MUSC 1420 and MUSC 2420. *Offered in 2004-2005.*

**Cross-Listed Courses**

The following courses may be credited towards Music: GEND 2406 and GEND 2407.

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## Native Studies

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**Undergraduate Degree**

•Bachelor of Arts (3-Year General)

**Bachelor of Arts (3-Year General) - Single Major**

Students must complete 90 credits including a minimum of 36 credits as follows:

* NATI	1005	Madjitang, in the Beginning...An Introduction to Native Studies	6 cr.
NATI	2005	Native Kinships with Environment	6 cr.
NATI	2025	Native Creativity and the Arts	6 cr.
NATI	3005	Native Spirituality and Religions	6 cr.
PHIL	2905	Native Philosophy	6 cr.

Six credits from the following: 6 cr.

ANTR	2035	Ethnology of North American Native Peoples
ENGL	2275	Studies in the Native Literatures of North America
HIST	2346	First Nations in Historical Perspective
HIST	2347	Aboriginal Treaties in Canada: Peace, Friendship, Land, and Resources
HIST	3257	History of Ontario: Selected Topics II
MUSC	2007	Aboriginal Musics in Canadian Contexts
NATI	1205	Omushkego Etuskanaysewin
NATI	2016	Cultural Production in an International Environment
NATI	2205	Omushkego Etuskanaysewin II
SWLF	3405	Concepts of Wellness in First Nations Communities

\*Students must complete NATI 1005 with a minimum grade of 60%.

*Students are limited to a maximum of 54 credits in Native Studies.*

**Other Program Requirements**

Science	6 cr.
Electives	48 cr.

For complete Bachelor of Arts (3-Year General) degree requirements, please refer to that section of the Calendar.

**Bachelor of Arts (3-Year General) - Combined Major**

Students must complete 90 credits including the minimum 30 credits in Native Studies core courses listed below and 30 credits in another discipline. The second major must include all of the required courses specified for that discipline.

* NATI	1005	Madjitang, in the Beginning...An Introduction to Native Studies	6 cr.
NATI	2005	Native Kinships with Environment	6 cr.
NATI	2025	Native Creativity and the Arts	6 cr.

\*Students must complete NATI 1005 with a minimum grade of 60%.

*Students are limited to a maximum of 54 credits in Native Studies.*

### Other Program Requirements

Major 2	30 cr.
Science	6 cr.
Electives	24 cr.

For complete Bachelor of Arts (3-Year General) degree requirements, please refer to that section of the Calendar.

## Minor in Native Studies

A minor in Native Studies is available to students pursuing a major in another discipline. A minor consists of a minimum of 24 credits in a discipline, with at least six credits at the first year level and at least six credits at the upper year level. Cross-coded and cross-listed courses may count towards a minor if they have not been used elsewhere to complete program requirements. A minimum grade of 60 % is required in the introductory course(s) presented for the minor.

## Native Studies Courses

### NATI 1005 Madjitang, in the Beginning ... An Introduction to Native Studies

Prerequisite: No prerequisite.

Hours: Three hours of lecture per week.

Credits: 6

This course is an opening survey of the inner workings and underpinnings of the Native cultures of Canada using historical, philosophical, spiritual and sociological frameworks from which to gather insight into both the uniqueness and the universality that flows through Native communities to this day. Special emphasis is placed on exploring fundamental principles involving Native evolution, values, current lifestyles and world view, with an eye to observing these constructs coming from the environment or natural world. *Offered every year.*

### NATI 1205 Omushkego Etuskanaysewin

Prerequisite: No prerequisite.

Hours: Three hours of lecture per week.

Credits: 6

Omushkego Etuskanaysewin (culture and language of Mushkegowuk people) is a course which provides an overview of the Aboriginal people of the James Bay area. The history of the Mushkegowuk is examined as well as traditional values, beliefs, ceremonies and living with natural creation. An introduction to the Cree language is covered namely: the basics of conversational Cree, history of written Cree, dialects, language structure, Cree syllabics and translation of documents and conversations. The utilization of elders and local community members as resource people is emphasized in this course. The location of the course in a northern Native community is beneficial in regards to the access to the land and natural environment in the teaching of traditional skills and values. (This course was developed in partnership between the Moose Cree First Nation and Nipissing University.)

### NATI 2005 Native Kinships with Environment

Prerequisite: NATI 1005

Hours: Three hours of lecture per week.

Credits: 6

This course examines Native cultures' responses to the rhythms and cycles of the natural world, and how human beings and the environment create a living, integrated system. Strong emphasis will be placed upon recognizing the esteemed relationships among mineral, plant, animal and human beings. This matrix is commonly understood in Native societies as possessing a bond of kinship or esteemed partnership among relatives. From a contemporary context, the politics and legalities of land and its resources will be characterized. The clashes, wounds and healings between various factions and systems will be brought into perspective. Further discussions will center on land claims, blockades and land cautions. Existing models of sustainable development as incorporated by Native people will be given special attention. Native view of land as the great determiner, stewardship and its capability of bringing about positive change, and traditional Native practices for sustaining balance in the natural world will be explored. Examples from various Aboriginal cultures, along with forecastings and important messages of their elders and other resource people will be presented. Students who have not completed NATI 1005 may request permission of the instructor to take NATI 2005. *Offered every second year. Next offered in 2005-2006.*

### NATI 2016 Cultural Production in an International Environment

Prerequisite: NATI 1005 or permission of the instructor

Hours: Three hours of lecture per week for one term.

Credits: 3

This course is the culmination of four years of collaboration involving universities from Canada, Italy, Finland and Holland. The core focus will be on Native Canadian cultural development and sustainability through the multitude of products that originate from the processes taking place within these cultures. At the same time the course will also focus on the general social values and cultural expressions of other national and international cultures to help students develop a broader understanding and appreciation for the broad spectrum of cultural expressions. It will be noted in particular, where values and standards are shared and where cultures experience differences. The course will examine a range of interdisciplinary issues directed towards production and marketing using modules that have been created by the university partners as adjuncts to this course. Comparative analyses will be undertaken and each module has been designed to assist the student in gaining necessary tools they will need in their future lives as cultural producers and managers. The course will demonstrate the special role that art and creative product can take in assisting the individual to manifest one's own powers of observation, stimulate feelings and compassion and develop powers of judgment, whether as an active producer, consumer or part of an audience.

### NATI 2025 Native Creativity and the Arts

Prerequisite: NATI 1005

Hours: Three hours of lecture per week.

Credits: 6

This course explores the roots of Native creativity from its earliest observable forms and expressions to the introduction and worldwide acceptance of Native creative and artistic works in the visual arts, in literature (including drama and film) and in music. In many traditional Native cultures, the creative process

has been seen as an integral part of everyday life. Functional creations spawned from daily activities are often items of ingenuity, grace and beauty. These and other creative expressions will be examined in detail, noting the wide variety of forms, materials, styles, regional variations and significant periods. The burgeoning world of Native expression in the contemporary arts scene in Canada will also be highlighted. Major Native artists and accompanying trends will be studied to reveal the ever-changing and highly respected world of the Native creative spirit. Students who have not completed NATI 1005 may request permission of the instructor to take NATI 2025. *Offered every second year. Offered in 2004-2005.*

### **NATI 2205 Omushkego Etuskanaysewin II**

Prerequisite: NATI 1205

Hours: Three hours of lecture per week.

Credits: 6

Omushkego Etuskanaysewin II (culture and language of Mushkegowuk people) is a second-year Cree language course of the Cree people of the James Bay area. This second year course covers language structure and grammar, Cree syllabics and translation of documents and conversations. The utilization of elders and local community members as resource people is emphasized in this course. The location of the course in a northern Native community is beneficial in regards to the access to the land and natural environment in the teaching of traditional skills and values. (This course was developed in partnership between the Moose Cree First Nation and Nipissing University.)

### **NATI 3005 Native Spirituality and Religions**

Prerequisite: NATI 1005

Hours: Three hours of lecture per week.

Credits: 6

This course will explore the spiritual and religious beliefs and practices of Natives of the Americas, and particularly in Canada and the United States. Native cultures exhibit certain commonalities from a global perspective, but it is recognized that there are hundreds of Native cultures with distinctive viewpoints and belief systems. Special emphasis will be placed upon the examination of major rituals and ceremonies of various Native societies from across a wide spectrum, in order to develop clearer insights into the actual beliefs of the peoples. It is in their sacred spaces and events that the values and truths of Native people are continuously enacted. Their spirituality is seen as the very basis for their existence, and is therefore a key to the understanding and appreciation of other aspects of Native cultures. Students who have not completed NATI 1005 may request permission of the instructor to take NATI 3005. This course may be credited towards Religions and Cultures. *Offered every second year. Next offered in 2005-2006.*

### **Cross-Listed Courses**

The following courses may be credited towards Native Studies: ABCO 1006, ANTR 2035, ENGL 2275, HIST 2346, HIST 2347, HIST 3257, MUSC 2007, PHIL 2905 and SWLF 3405.

*For course descriptions in other disciplines, please see their respective sections of the calendar.*

## **Nursing**

### **Undergraduate Degree**

•Bachelor of Science (Honours)

This is a collaborative Bachelor of Science in Nursing offered by Nipissing University and Canadore College. In this program, faculty and students explore curriculum content, nursing concepts, and nursing issues founded on scientific principles and on an understanding of the human health experience. Nursing students learn to use communication, critical thinking, and caring to co-create health with individual, group and community clients. Clients are viewed as unique in that each comes with experiences and knowledge that inform health work. Health is seen as a personal and societal resource. The meaning of health is defined, as it is understood, by the client. The environment in which health and nursing occur is influenced by factors such as physical, socio-political and economic. The nursing education process values uniqueness, open inquiry and commitment to continued education. Graduates from the program will have developed the knowledge, skills and attitudes to practice as beginning professional nurses in a variety of clinical settings. Please note that completed health forms and up-to-date vaccinations are mandatory prior to starting this program.

### **Bachelor of Science (Honours) - Single Major**

Students must complete 120 credits as follows:

#### **Year 1**

NURS 1006	Professional Self-Awareness	3 cr.
NURS 1007	Professional Foundations in Nursing	3 cr.
NURS 1016	Nursing and Health	3 cr.
NURS 1017	Aging and Health	3 cr.
NURS 1026	Clinical Practicum - Nursing Healthy Individuals	3 cr.
NURS 1027	Clinical Practicum - Nursing Older Adults	3 cr.
BIOL 2706	Human Anatomy and Physiology I	3 cr.
BIOL 2707	Human Anatomy and Physiology II	3 cr.
PSYC 1036	Applied Developmental Psychology	3 cr.
SOCI 2036	Introduction to Social Gerontology	3 cr.

#### **Year 2**

NURS 2006	Health Assessment	3 cr.
NURS 2007	Therapeutic Relationships	3 cr.
NURS 2016	Health Challenges	3 cr.
NURS 2017	Nursing Across the Lifespan	3 cr.
NURS 2026	Clinical Practicum - Nursing in the Acute Care Setting	3 cr.
NURS 2027	Clinical Practicum - Nursing in Specialized Settings	3 cr.
NURS 2037	Pharmacology	3 cr.
NURS 2526	Pathophysiology	3 cr.
BIOL 2206	Introduction to Biochemistry	3 cr.
BIOL 2116	Principles of Microbiology	3 cr.



**Year 3**

NURS 3006	Nursing Theories	3 cr.
NURS 3007	Community Health Nursing	3 cr.
NURS 3016	Family Nursing	3 cr.
NURS 3026	Clinical Practicum - Family Nursing in Diverse Settings	3 cr.
NURS 3027	Clinical Practicum - Nursing Communities and Populations	3 cr.
NURS 3036	Transcultural Nursing	3 cr.
MATH 1257	Technical Statistics	3 cr.
SOCI 3186	Health and the Family	3 cr.
Electives		6 cr.

**Year 4**

NURS 4006	Nursing Informatics	3 cr.
NURS 4007	Leadership and Management in Nursing	3 cr.
NURS 4016	Research in Nursing and Health	3 cr.
NURS 4017	Current Issues in Nursing	3 cr.
NURS 4026	Clinical Practicum - Advanced Nursing Practice	3 cr.
NURS 4027	Clinical Practicum - Preceptorship	9 cr.
NURS 4036	Complex Health Challenges	3 cr.
Electives		3 cr.

Students must complete all nursing theory courses with a minimum grade of 60% and must achieve a satisfactory grade in all nursing practicum courses. Any student who is unsatisfactory in a clinical course must successfully repeat that clinical course before taking any other clinical course. Students will be required to withdraw from the nursing program should they receive more than one grade of "unsatisfactory" in clinical courses.

Note: Students must complete the Bachelor of Science in Nursing Program in seven (7) years from the original date of admission.

For complete Bachelor of Science (Honours) degree requirements, please refer to that section of the Calendar.

**Nursing Courses****NURS 1006 Professional Self-Awareness**

Prerequisite: This course is restricted to students enrolled in the Bachelor of Science in Nursing.

Hours: Three hours of lecture per week for one term.

Credits: 3

Students will explore personal values related to their personal and professional goals. Reflection of personal learning styles will provide a base from which students can develop skills, strategies and resources that will enhance their success. This course will provide opportunities to explore the critical factors involved in interpersonal communication and relationships and deepen the student's understanding of the effect of these factors on interpersonal situations. Students will learn strategies to work effectively in groups. Each student will initiate a professional portfolio of accomplishments following the College of Nurses' guidelines as part of this course. *Offered every year.*

**NURS 1007 Professional Foundations in Nursing**

Prerequisite: NURS 1006

Hours: Three hours of lecture per week for one term.

Credits: 3

Students will be introduced to the legal and ethical basis of professional practice, including human rights and professional regulation. The course addresses the nature of the profession of nursing through the exploration of historical influences, philosophical perspectives, and the development of a professional self-concept by the practitioner. Recognizing that the nurse is an integral member of the health care team, the course will also examine concepts relevant to the delivery of professional nursing care in the health care system. *Offered every year.*

**NURS 1016 Nursing and Health**

Prerequisite: This course is restricted to students enrolled in the Bachelor of Science in Nursing.

Co-requisite: NURS 1026

Hours: Three hours of lecture per week for one term.

Credits: 3

Critical thinking strategies will be introduced for effective decision making and problem solving in the context of professional practice. Students will explore the personal meanings of holistic health and healthful living practices. The course explores the changing concepts of health through the evolving viewpoints of wellness, health, and illness as it applies to health promotion and disease prevention. A major focus will be the determinants of health, risk factor identification, and transcultural issues. *Offered every year.*

**NURS 1017 Aging and Health**

Prerequisite: NURS 1016

Co-requisite: NURS 1027

Hours: Three hours of lecture per week for one term.

Credits: 3

This course focuses on caring for the older adult. Students will examine aging as part of the life process. Through the study of health promotion and health maintenance strategies, the course will focus on principles of healthy aging. Chronic health challenges that are common to the older adult population will be also addressed. *Offered every year.*

**NURS 1026 Clinical Practicum - Nursing Healthy Individuals**

Prerequisite: This course is restricted to students enrolled in the Bachelor of Science in Nursing.

Co-requisite: NURS 1016

Hours: Three hours of clinical practice and four hours of laboratory work per week for one term.

Credits: 3

This course introduces students to the science and art of nursing. Exploration of the evolving nursing profession and the socialization of nurses will expose students to professional nursing values and regulations. Students will have an opportunity to explore caring as it relates to relationships with individuals and families throughout the life span. Students will focus on therapeutic communication and interviewing skills in the practice setting. *Offered every year.*

**NURS 1027 Clinical Practicum - Nursing Older Adults**

Prerequisite: NURS 1026

Co-requisite: NURS 1017

Hours: Ten hours of clinical practice and four hours of laboratory work per week for one term.

Credits: 3

This course provides students with an opportunity to learn and practice basic nursing skills in the laboratory and clinical settings. Students will become familiar with the requirements for the nursing care of older adults. *Offered every year.*

**NURS 2006 Health Assessment**

Prerequisite: BIOL 2707 and NURS 1027

Hours: Two hours of lecture and two hours of laboratory work per week for one term.

Credits: 3

This course will focus on the assessment of healthy individuals. Students will learn to gather health assessment data, conduct a health assessment using an organized approach, and use appropriate physical examination techniques. Students will practice on each other in the laboratory setting. By the end of the course, students will be able to do a holistic health assessment. *Offered every year.*

**NURS 2007 Therapeutic Relationships**

Prerequisite: NURS 1027 and BIOL 2707

Co-requisite: NURS 2017 and NURS 2027

Hours: Three hours of lecture per week for one term.

Credits: 3

This course provides an overview of the theory and practice of effective communication, with emphasis on cultural and therapeutic relationships. Students will cultivate skills in the use of empathy, assertiveness, and conflict resolution. Students will review assessment of individuals with mental health concerns and strategies for intervening to assist these persons to meet their goals. *Offered every year.*

**NURS 2016 Health Challenges**

Prerequisite: BIOL 2707 and NURS 1027

Co-requisite: NURS 2026

Hours: Three hours of lecture per week for one term.

Credits: 3

This course focuses on the critical thinking strategies required to provide nursing care for acutely ill clients. Students will learn to develop a holistic approach to caring for clients with common health risks. *Offered every year.*

**NURS 2017 Nursing Across the Lifespan**

Prerequisite: NURS 1027 and BIOL 2707

Co-requisite: NURS 2007 and NURS 2027

Hours: Three hours of lecture per week for one term.

Credits: 3

This course offers students the opportunity to understand the role of the nurse in various specialized settings. Students will learn how to plan care for individuals and families in specific contexts across the life span. *Offered every year.*

**NURS 2026 Clinical Practicum - Nursing in the Acute Care Setting**

Prerequisite: NURS 1027

Co-requisite: NURS 2016

Hours: Twelve hours of clinical practice and two hours of laboratory work per week for one term (or equivalent).

Credits: 3

This nursing practice course provides students with the opportunity to apply their knowledge and skills in the acute care setting. *Offered every year.*

**NURS 2027 Clinical Practicum - Nursing in Specialized Settings**

Prerequisite: NURS 1027 and BIOL 2707

Co-requisite: NURS 2007 and NURS 2017

Hours: Fourteen hours of clinical practice per week for one term (or equivalent).

Credits: 3

This nursing practice course provides students with an opportunity to apply their knowledge and skills in specialized settings. *Offered every year.*

**NURS 2037 Pharmacology**

Prerequisite: NURS 2526 or taken concurrently

Hours: Three hours of lecture per week for one term.

Credits: 3

This course examines nursing pharmacotherapeutics related to body systems. Students will learn drug classifications and how they relate to human disease. The usual dosage, mechanism of action, contraindications, side effects, and the implications of specific medications will be reviewed. The students will practice specialized pharmacological calculations. *Offered every year.*

**NURS 2526 Pathophysiology**

Prerequisite: BIOL 2707 and NURS 1027

Hours: Three hours of lecture per week for one term.

Credits: 3

This course provides the theory necessary to understand the pathophysiology of common health challenges throughout the life process. The etiology, pathogenesis, clinical manifestations, and medical management of selected diseases will be examined. *Offered every year.*

**NURS 3006 Nursing Theories**

Prerequisite: NURS 1027

Hours: Three hours of lecture per week for one term.

Credits: 3

This course focuses on the exploration of the evolution of scientific nursing theories over time. The role and relationship of nursing theory to practice, education and research will be presented using selected grand, mid-range and practice specific theories as examples. *Offered every year.*

**NURS 3007 Community Health Nursing**

Prerequisite: NURS 2026 and NURS 2027

Co-requisite: NURS 3027

Hours: Three hours of lecture per week for one term.

Credits: 3

This course studies communities and populations, with a focus on identifying and assessing populations at risk, and intervention at the primary care level. Theories of nursing, community

health, and the role of the community health nurse will be explored. *Offered every year.*

### **NURS 3016 Family Nursing**

Prerequisite: NURS 2026 and NURS 2027

Co-requisite: NURS 3026

Hours: Three hours of lecture per week for one term.

Credits: 3

This course introduces students to an understanding of family nursing. The focus will be on the integration of the knowledge and skills related to the responsibilities of the nurse in providing health promotion and health protection services for individuals and families. *Offered every year.*

### **NURS 3026 Clinical Practicum - Family Nursing in Diverse Settings**

Prerequisite: NURS 2026 and NURS 2027

Co-requisite: NURS 3016

Hours: Fourteen hours of clinical practice per week for one term.

Credits: 3

This nursing practice course provides students with an opportunity to apply their knowledge and skills with individuals and families in diverse settings. The focus will be on providing health promotion and health protection services for individuals and families. *Offered every year.*

### **NURS 3027 Clinical Practicum - Nursing Communities and Populations**

Prerequisite: NURS 2026 and NURS 2027

Co-requisite: NURS 3007

Hours: Fourteen hours of clinical practice per week for one term.

Credits: 3

This nursing practice course provides students with opportunities to apply their knowledge and skills in specific communities and populations. *Offered every year.*

### **NURS 3036 Transcultural Nursing**

Prerequisite: NURS 1027

Hours: Three hours of lecture per week for one term.

Credits: 3

This course focuses on an examination of the influences of culture on client responses to health, health challenges and nursing care. Cultural assessments with particular emphasis on Canadian cultural groups and the use of these assessments in planning and implementing culturally congruent care will be explored. Examination of cultural meanings on areas such as time, health, food and rituals will be completed. *Offered every year.*

### **NURS 4006 Nursing Informatics**

Prerequisite: NURS 2026 and NURS 2027

Hours: Three hours of lecture per week for one term.

Credits: 3

This course focuses on the use of information technology as it relates to nursing practice, education, and research. It will examine the principles related to health care information systems. Students will have hands-on training with a clinical information system in the computer lab and clinical setting. *Offered every year.*

### **NURS 4007 Leadership and Management in Nursing**

Prerequisite: NURS 4026

Co-requisite: NURS 4017 and NURS 4027

Hours: Three hours of lecture per week for one term or equivalent.

Credits: 3

Students will have the opportunity to learn the critical path to leadership development in the transition from being a nursing student to a nursing leader. Leadership and management skills will be explored in the context of the health care system, with a view to the crucial roles of nurses at all levels of health provision. *Offered every year.*

### **NURS 4016 Research in Nursing and Health**

Prerequisite: MATH 1257, NURS 2026 and NURS 2027

Hours: Three hours of lecture per week for one term.

Credits: 3

This course focuses on research design and methodology as it relates to nursing practice. Students will identify a specific problem or challenge in the clinical area to which they are assigned. They will learn to design a nursing practice study, and function as consumers of research and leaders in research utilization. *Offered every year.*

### **NURS 4017 Current Issues in Nursing**

Prerequisite: NURS 4026

Co-requisite: NURS 4007 and NURS 4027

Hours: Three hours of lecture per week for one term or equivalent.

Credits: 3

This seminar course will focus on the examination of health, health policy and political issues as they relate to nurses and the nursing profession. Students will be encouraged to explore strategies for political action at all levels to influence the creation and implementation of healthy public policy. *Offered every year.*

### **NURS 4026 Clinical Practicum - Advanced Nursing Practice**

Prerequisite: NURS 3026 and NURS 3027

Co-requisite: NURS 4036

Hours: Fourteen hours of clinical practice per week for one term.

Credits: 3

This nursing practice course provides students with an opportunity to apply their knowledge and skills related to research and informatics in the clinical setting. *Offered every year.*

### **NURS 4027 Clinical Practicum - Preceptorship**

Prerequisite: NURS 4026

Co-requisite: NURS 4007 and NURS 4017

Hours: This practicum will consist of 350 hours of clinical placement.

Credits: 9

In this course students will gradually assume responsibility for increasingly complex health-related situations. The focus will be on the integration of theory and practice in a variety of health care settings under the supervision of a registered nurse. Students will have the opportunity to develop independent decision-making skills and a sense of professional responsibility and identity. *Offered every year.*

**NURS 4036 Complex Health Challenges**

Prerequisite: NURS 3026 and NURS 3027

Co-requisite: NURS 4026

Hours: Three hours of lecture per week for one term.

Credits: 3

Students will learn advanced concepts relevant to the care of individuals and families experiencing complex health challenges. Simulations and case studies will be used to enhance skills in critical thinking, pattern recognition, decision-making, and problem solving. *Offered every year.*

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## Orientation To Teaching (Option)

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This course is restricted to students enrolled in the Orientation To Teaching (OTT) option.

### Orientation To Teaching Course

**EDUC 0106 Introduction to Teaching**

Prerequisite: No prerequisite.

Restricted to students admitted to Orientation to Teaching.

Hours: Students must participate in six hours of workshops on subjects related to the field of education and must spend thirty hours in a classroom setting.

Credits: Non-Credit

This non-credit course is designed as a career exploration course. Students, in consultation with the instructor, will select a host teacher in a division and district school area of their choice. Under the direct supervision of their host(s), students may participate in a wide variety of classroom activities that relate specifically to the teaching profession. Students will be allowed to make only one attempt to successfully complete this course. *Offered every year.*

# Philosophy

## Undergraduate Degree

- Bachelor of Arts (Honours) - Combined Major
- Bachelor of Arts (3-Year General)

## Bachelor of Arts (Honours) - Combined Major

Students must complete 120 credits including a minimum of 42 credits in Philosophy and a minimum of 42 credits in another discipline. The second major must include all of the required courses specified for that discipline. The Philosophy requirements are:

* PHIL	1115	Introduction to Philosophy	6 cr.
PHIL	2305	Origins of Western Philosophy	6 cr.
PHIL	3335	History of Modern Philosophy	6 cr.
PHIL	upper level		18 cr.

Six credits from the following: 6 cr.

PHIL	4105	Directed Studies
PHIL	4205	Seminar in Problems of Philosophy

\*Students must complete PHIL 1115 with a minimum grade of 60%.

Students may count BIOL 3557 and HIST 3925 towards a major in Philosophy.

*Students are limited to a maximum of 84 credits in Philosophy.*

### Other Program Requirements

Major 2	42 cr.
Social Science	6 cr.
Science	6 cr.
Electives	24 cr.

For complete Bachelor of Arts (Honours) degree requirements, please refer to that section of the Calendar.

## Bachelor of Arts (3-Year General) - Single Major

Students must complete 90 credits including a minimum of 36 credits in Philosophy as follows:

* PHIL	1115	Introduction to Philosophy	6 cr.
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Twelve credits from the following: 12 cr.

PHIL	2305	Origins of Western Philosophy	
** PHIL	2325	Reason and Experience in Early Modern Philosophy <b>or</b>	
** PHIL	3335	History of Modern Philosophy II: From Kant to the Twentieth Century	
PHIL	2505	Straight Thinking and Argument	
PHIL	upper level		18 cr.

\*Students must complete PHIL 1115 with a minimum grade of 60%.

\*\*Students may count one of PHIL 2325 or PHIL 3335 towards the twelve credits required from this list.

Students may count BIOL 3557 and HIST 3925 towards a major in Philosophy.

*Students are limited to a maximum of 54 credits in Philosophy.*

### Other Program Requirements

Social Sciences	6 cr.
Science	6 cr.
Electives	42 cr.

For complete Bachelor of Arts (3-Year General) degree requirements, please refer to that section of the Calendar.

## Bachelor of Arts (3-Year General) - Combined Major

Students must complete 90 credits including a minimum of 30 credits in Philosophy and a minimum of 30 credits in another discipline. The second major must include all of the required courses specified for that discipline. The Philosophy requirements are:

* PHIL	1115	Introduction to Philosophy	6 cr.
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Twelve credits from the following: 12 cr.

PHIL	2305	Origins of Western Philosophy	
** PHIL	2325	Reason and Experience in Early Modern Philosophy <b>or</b>	
** PHIL	3335	History of Modern Philosophy II: From Kant to the Twentieth Century	
PHIL	2505	Straight Thinking and Argument	
PHIL	upper level		12 cr.

\*Students must complete PHIL 1115 with a minimum grade of 60%.

\*\*Students may count one of PHIL 2325 or PHIL 3335 towards the twelve credits required from this list.

Students may count BIOL 3557 and HIST 3925 towards a major in Philosophy.

*Students are limited to a maximum of 54 credits in Philosophy.*

### Other Program Requirements

Major 2	30 cr.
Social Sciences	6 cr.
Science	6 cr.
Electives	18 cr.

For complete Bachelor of Arts (3-Year General) degree requirements, please refer to that section of the Calendar.

## Minor in Philosophy

A minor in Philosophy is available to students pursuing a major in another discipline. A minor consists of a minimum of 24 credits in a discipline, with at least six credits at the first year

level and at least six credits at the upper year level. Cross-coded and cross-listed courses may count towards a minor if they have not been used elsewhere to complete program requirements. A minimum grade of 60 % is required in the introductory course(s) presented for the minor.

## Philosophy Courses

### **PHIL 1115 Introduction to Philosophy**

Prerequisite: No prerequisite.

Hours: Three hours of lecture per week.

Credits: 6

Some of the topics which interest philosophers today are language, knowledge, belief, value, freedom and society. This course provides an introduction to philosophy by considering such topics as they have been treated by outstanding philosophers of the past and of our own day. *Offered every year. Also offered in Spring 2004 and in Muskoka 2004-2005.*

### **PHIL 2305 Origins of Western Philosophy**

Prerequisite: PHIL 1115

Hours: Three hours of lecture per week.

Credits: 6

This course introduces the various areas of philosophy through a study of major ideas in Greek philosophy from the pre-Socratics to Plotinus. Special emphasis on the thoughts of Plato and Aristotle. This course may be credited towards Classical Studies.

### **PHIL 2325 Reason and Experience in Early Modern Philosophy**

Prerequisite: PHIL 1115

Hours: Three hours of lecture per week.

Credits: 6

The main insights of the rationalist and empiricist philosophers of the seventeenth and eighteenth centuries are surveyed. The works of Descartes, Spinoza, Leibniz, Locke, Berkeley, Hume and Kant are the main focus of discussion.

### **PHIL 2405 Philosophy of Film**

Prerequisite: One of: FILM 1005, FILM 2305, GEND 2305 or PHIL 1115

Hours: Three hours of lecture per week.

Credits: 6

This course introduces students to a wide range of critical and interdisciplinary approaches to the study of film. We will consider the way film, as a visual medium, constructs and deploys meaning, as well as how it is experienced in everyday life. The course will cover a range of themes and issues including the use of film as propaganda, film as entertainment, and film as cultural critique. This course may be credited towards Film and Fine Arts.

### **PHIL 2505 Straight Thinking and Argument**

Prerequisite: No prerequisite.

Hours: Three hours of lecture per week.

Credits: 6

The notions of definition, fallacy, propaganda and persuasion are discussed and related to techniques used by governments and advertising agencies in the pursuit of their goals. The formal properties of deductive reasoning - what can and cannot be done with the rules of logic - are outlined and applied to arguments in ordinary language. *Offered every second year. Offered in 2004-2005.*

### **PHIL 2525 Contemporary Moral Issues**

Prerequisite: No prerequisite.

Hours: Three hours of lecture per week.

Credits: 6

A critical inquiry into significant moral problems for the individual and society, this course addresses such topics as abortion, suicide, sexual conduct, euthanasia, pollution, crime and punishment, civil disobedience, capital punishment, legal enforcement of moral standards, and war. Such inquiry gives rise to discussion concerning the possibility and nature of general moral standards. *Offered in Summer 2004 and in Muskoka 2004-2005.*

### **PHIL 2606 Gender and Philosophy I**

Prerequisite: PHIL 1115 or any course in, or cross-listed with, Gender Equality and Social Justice.

Anti-requisite: PHIL 2605

Hours: Three hours of lecture per week for one term.

Credits: 3

This course examines classical and modern conceptions of sexual difference and gender politics within the Western philosophical tradition. It provides an analysis of how assumptions about sexual difference and sexual identity explicitly and implicitly inform wider philosophical debates. Students will also be given the opportunity to study the historical writings of women philosophers who have largely been excluded from this tradition. This course may be credited towards Gender Equality and Social Justice.

### **PHIL 2607 Gender and Philosophy II**

Prerequisite: PHIL 1115 or any course in, or cross-listed, with Gender Equality and Social Justice.

Anti-requisite: PHIL 2605

Hours: Three hours of lecture per week for one term.

Credits: 3

This course will examine a range of questions and debates on issues of sex, gender, and power in contemporary philosophy. The course will encourage students to think critically about a wide range of views pertaining to the ethics of human relations. Topics include philosophical perspectives on desire, love, violence, and death. This course may be credited towards Gender Equality and Social Justice.

### **PHIL 2705 Eastern Philosophy**

Prerequisite: PHIL 1115

Hours: Three hours of lecture per week.

Credits: 6

The Buddhist and Hindu theories of knowledge and existence are studied, with particular attention given to the status of the empirical world, the nature of reality, the role of reason and discipline in the knowability of reality. This course may be credited towards Religions and Cultures.

### **PHIL 2905 Native Philosophy**

Prerequisite: No prerequisite.

Hours: Three hours of lecture per week.

Credits: 6

This course explores the foundations of the traditional Native view of the world as well as the contemporary, political and philosophical developments within Native thought and experience. Traditional issues around morality, cosmology, and sacrality are discussed as well as modern issues around political self-determination, Native self-determination, Native self-

understanding and Native concerns about modernity. The course content focuses on the Canadian Native tradition, with special emphasis placed on the Ojibway and Cree traditions. This course may be credited towards Native Studies. *Offered every second year. Offered in 2004-2005.*

### **PHIL 2915 Philosophy of Science**

Prerequisite: No prerequisite.

Hours: Three hours of lecture per week.

Credits: 6

A philosophical inquiry into the nature and aims of the natural sciences, this course examines such key concepts as: observation, experiment, measurement, causality, explanation, prediction, law, and theory. The history of the philosophical understanding of the nature of science: the theory of nature, Newton and classical physics, relativity and quantum theory. An examination of the inter-relations of the various sciences. *Offered every second year.*

### **PHIL 3205 Philosophy of Sex and Love**

Prerequisite: PHIL 1115 or GEND 1025

Hours: Three hours of lecture per week.

Credits: 6

Major philosophers from Plato to Simone de Beauvoir have contributed much to our understanding of sex and love. This course will closely examine a number of important philosophical contributions to this field and will draw on a range of materials from sacred texts to the contemporary cinema. This course may be credited towards Gender Equality and Social Justice.

### **PHIL 3305 Twentieth-Century Western Philosophy**

Prerequisite: PHIL 1115

Hours: Three hours of lecture per week.

Credits: 6

This course explores twentieth century Western philosophical trends in the Continental European tradition. The schools of phenomenology, hermeneutics, and deconstruction are examined in light of specifically chosen texts. *Offered in 2004-2005.*

### **PHIL 3335 History of Modern Philosophy II: From Kant to the Twentieth Century**

Prerequisite: PHIL 1115

Hours: Three hours of lecture per week.

Credits: 6

This course covers the history of modern philosophy from Kant to German idealism to Nietzsche; French spiritualism and Comte; the empiricist tradition from Mill to Spencer; and, British idealism. *Offered in 2004-2005.*

### **PHIL 3475 Existentialism**

Prerequisite: PHIL 1115

Hours: Three hours of lecture per week.

Credits: 6

The course discusses Existentialism as a reaction to nineteenth century idealism. The concept of existence as applicable to human experience is analyzed as standing in contrast to those of spirit, mind and behaviour. Its relation to the existentialist concepts of freedom, alienation, action, the body and the other is discussed. The relation to the phenomenological theory of consciousness and to the phenomenological method is explained. *Offered every second year.*

### **PHIL 3635 Philosophy of Religion**

Prerequisite: PHIL 1115

Hours: Three hours of lecture per week.

Credits: 6

The meaning of religious language is explored in this course using current tools of philosophical analysis to interpret classical and modern texts which deal with religious truth, structures of pain and alienation, death, and other selected topics. This course may be credited towards Religions and Cultures.

### **PHIL 3655 Philosophy of Language**

Prerequisite: PHIL 1115

Hours: Three hours of lecture per week.

Credits: 6

This is a seminar in the theory and modern practice of communication. The problems of meaning and translation, of objective statement, persuasion, and propaganda are the main areas of study, as these relate to communication between academic disciplines, linguistic, economic, and social groups.

### **PHIL 3755 Themes in Social and Political Philosophy**

Prerequisite: PHIL 1115

Anti-requisite: PHIL 3995 (as offered in 1998-99).

Hours: Three hours of lecture per week.

Credits: 6

This course may vary in specific focus from year to year, but its unvarying content concerns such problems in social and political thought as justice, power, violence, and responsible action. Students are advised that a more detailed outline of subject matter is provided on a year to year basis by the discipline. *Offered every second year.*

### **PHIL 4105 Directed Studies**

Prerequisite: PHIL 2305 and PHIL 3305 and approval of the discipline is required prior to registration. *Students wishing to take this course during the following Spring/Summer or Fall/Winter Session must apply in writing to the discipline no later than February 15.*

Credits: 6

Qualified students may do special studies in Philosophy beyond or outside regular discipline offerings. Students are required to carry out an independent research project supervised by the discipline. Examination of the secondary literature in the topic area and the writing of a major paper is required. *Offered every year.*

### **PHIL 4205 Seminar in Problems of Philosophy**

Prerequisite: PHIL 2305 and PHIL 3335

Hours: Three hours of lecture per week.

Credits: 6

Philosophy has traditionally concerned itself with problems arising from a consideration of such typically human phenomena as religion, science, the arts, the fine arts, politics, and government in all its forms. This course identifies in any given year some such problems and discusses them in depth. Students are advised that a more detailed outline of subject matter is provided on a year to year basis by the discipline. Topic: Psychoanalysis. *Offered in 2004-2005.*

### **Cross-Listed Courses**

The following courses may be credited towards a major or minor in Philosophy: BIOL 3557, HIST 3925, and RLCT 2035.

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## Physics

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This discipline is not offered as a degree, but the course in Physics may be credited as an elective in any other degree program.

### Physics Course

#### **PHYS 1005 General Physics**

Prerequisite: OAC/4U Physics and OAC/4U Calculus

Hours: Three hours of lecture and three hours of lab or tutorial work per week.

Credits: 6

This course, primarily intended for students in the BSc or Liberal Science programs, provides an introductory survey of classical mechanics, waves, thermodynamics, electricity, and optics. Classical mechanics: particle kinematics and dynamics; Newton's laws; conservation of energy and momentum; rotational dynamics; gravitation; fluids. Harmonic oscillations and waves: simple harmonic motion; superposition, reflection and transmission of mechanical waves; standing waves and resonance; the Doppler effect. Thermodynamics: temperature; thermal expansion; specific heat; work in thermodynamics; thermal conduction, convection and radiation. Electricity: Coulomb's law; electric fields; Gauss's law; electric potential; capacitors and dielectrics; Ohm's law; simple DC and AC circuits. Geometrical and physical optics: reflection and refraction; lenses; interference and diffraction. *Offered every year.*

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## Political Science

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This discipline is not offered as a degree, but the courses in Political Science may be credited as electives in any other degree program.

### Political Science Courses

#### **POLI 1005 Introduction to Political Science**

Prerequisite: No prerequisite.

Hours: Three hours of lecture per week.

Credits: 6

The nature and methods of political science are described. Canadian environment and society in relation to civil liberties, parliamentarianism, the constitution, federalism, administration, justice, political life and external relations. Comparisons are drawn with foreign countries. *Offered every year.*

#### **POLI 2305 International Relations**

Prerequisite: POLI 1005

Hours: Three hours of lecture per week.

Credits: 6

This course serves as an introduction to the structure and functioning of the contemporary international political system and its component parts: the nation-state, regional and international organizations (NATO, UN) and the multinational corporation; the formulation of foreign policy with emphasis upon domestic determinants; and strategic aspects of international politics (deterrence and disarmament). *Offered in 2004-2005.*

#### **POLI 2605 Public Administration**

Prerequisite: POLI 1005

Hours: Three hours of lecture per week.

Credits: 6

The structure and management of public administration, with its responsibilities both as a government function and as a civil service to the citizen, is examined.

#### **POLI 2705 Canadian Government and Politics**

Prerequisite: POLI 1005

Hours: Three hours of lecture per week.

Credits: 6

This course describes and critically examines the party system, elections, pressure groups, the constitution and federalism, parliament, the Prime Minister and cabinet, and the courts. *Offered in 2004-2005.*

#### **POLI 2905 Canadian Local Government**

Prerequisite: POLI 1005

Hours: Three hours of lecture per week.

Credits: 6

This course introduces students to Canadian local government - the level of government they are most likely to have involvement with in their lives. The course includes a thorough analysis of political organization at the regional and municipal level and a survey of the various forms of local government administration across Canada, with particular emphasis on local government in the province of Ontario.



**POLI 3535 Women and Politics in Canada**

Prerequisite: POLI 1005

Hours: Three hours of lecture per week.

Credits: 6

This course examines the role of women in politics, focusing on how and to what extent women participate in politics; the possible barriers to women's involvement in politics and how the political system treats women's issues. Other topics include women's status in traditional political thought, feminist theory, women and political parties, and women in political elites. This course may be credited towards Gender Equality and Social Justice.

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## Psychology

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**Undergraduate Degrees**

- Bachelor of Science (Honours)
- Bachelor of Arts (Honours)
- Bachelor of Science (3-Year General)
- Bachelor of Arts (3-Year General)

**Bachelor of Science (Honours) - Single Major**

Students must complete 120 credits including a minimum of 66 credits in Psychology as follows:

* PSYC 1106	Introduction to Psychology I	3 cr.
* PSYC 1107	Introduction to Psychology II	3 cr.
* PSYC 2126	Scientific Method and Analysis I	3 cr.
* PSYC 2127	Scientific Method and Analysis II	3 cr.
* PSYC 3205	Psychological Measurement	6 cr.
* PSYC 3356	Design and Analysis I	3 cr.
* PSYC 3357	Design and Analysis II	3 cr.
PSYC 4005	Systems and Theories in Psychology	6 cr.
PSYC 4105	Student's Investigation I	6 cr.
PSYC 2000, 3000 or 4000 level		30 cr.

Twelve credits from the following: 12 cr.

BIOL 1006	Introduction to Molecular and Cell Biology
BIOL 1007	Introduction to Organismal and Evolutionary Biology
CHEM 1005	General Chemistry
MATH 1035	Calculus
PHYS 1005	General Physics

\*Students must complete PSYC 1106, PSYC 1107, PSYC 2126, PSYC 2127, PSYC 3205, PSYC 3356, and PSYC 3357 with a minimum grade of 60% in each.

It is recommended that students in this program take PHIL 2505 Straight Thinking and Argument.

*Students are limited to a maximum of 84 credits in Psychology.*

**Other Program Requirements**

Humanities	6 cr.
Science	6 cr.
Electives	30 cr.

For complete Bachelor of Science (Honours) degree requirements, please refer to that section of the Calendar.

**Bachelor of Arts (Honours) - Single Major**

Students must complete 120 credits including a minimum of 66 credits in Psychology as follows:

* PSYC 1106	Introduction to Psychology I	3 cr.
* PSYC 1107	Introduction to Psychology II	3 cr.
* PSYC 2126	Scientific Method and Analysis I	3 cr.
* PSYC 2127	Scientific Method and Analysis II	3 cr.
* PSYC 3205	Psychological Measurement	6 cr.

* PSYC 3356	Design and Analysis I	3 cr.
PSYC 4005	Systems and Theories in Psychology	6 cr.
PSYC 4105	Student's Investigation I or	
PSYC 4115	Student's Investigation II	6 cr.
PSYC 2000, 3000 or 4000 level		33 cr.

\*Students must complete PSYC 1106, PSYC 1107, PSYC 2126, PSYC 2127, PSYC 3205 and PSYC 3356 with a minimum grade of 60% in each

*Students are limited to a maximum of 84 credits in Psychology.*

#### Other Program Requirements

Humanities	6 cr.
Science	6 cr.
Electives	42 cr.

It is recommended that students in this program take PHIL 2505 Straight Thinking and Argument.

For complete Bachelor of Arts (Honours) degree requirements, please refer to that section of the Calendar.

## Bachelor of Arts (Honours) - Combined Major

Students must complete 120 credits including a minimum of 42 credits in Psychology and a minimum of 42 credits in another discipline. The second major must include all of the required courses specified for that discipline. The Psychology requirements are:

* PSYC 1106	Introduction to Psychology I	3 cr.
* PSYC 1107	Introduction to Psychology II	3 cr.
* PSYC 2126	Scientific Method and Analysis I	3 cr.
* PSYC 2127	Scientific Method and Analysis II	3 cr.
* PSYC 3205	Psychological Measurement	6 cr.
* PSYC 3356	Design and Analysis I	3 cr.
PSYC 4005	Systems and Theories in Psychology	6 cr.
PSYC 4105	Student's Investigation I or	
PSYC 4115	Student's Investigation II	6 cr.
PSYC 2000, 3000 or 4000 level		9 cr.

\*Students must complete PSYC 1106, PSYC 1107, PSYC 2126, PSYC 2127, PSYC 3205 and PSYC 3356 with a minimum grade of 60% in each.

Students who are enrolled in a combined Psychology/Sociology major may elect to enroll in SOCI 3125 rather than PSYC 2126 and PSYC 2127; in this case, these students must complete 15 credits in Psychology in addition to the required PSYC 1106, PSYC 1107, PSYC 3205, PSYC 3356, PSYC 4005 and PSYC 4105 (or PSYC 4115).

*Students are limited to a maximum of 84 credits in Psychology.*

#### Other Program Requirements

Major 2	42 cr.
Humanities	6 cr.
Science	6 cr.
Electives	24 cr.

It is recommended that students in this program take PHIL 2505 Straight Thinking and Argument.

For complete Bachelor of Arts (Honours) degree requirements, please refer to that section of the Calendar

## Bachelor of Science (3-Year General) - Single Major

Students must complete 90 credits including a minimum of 36 credits in Psychology as follows:

* PSYC 1106	Introduction to Psychology I	3 cr.
* PSYC 1107	Introduction to Psychology II	3 cr.
* PSYC 2126	Scientific Method and Analysis I	3 cr.
* PSYC 2127	Scientific Method and Analysis II	3 cr.
* PSYC 3205	Psychological Measurement	6 cr.
* PSYC 3356	Design and Analysis I	3 cr.

PSYC 2000 or 3000 level	15 cr.
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Twelve credits from the following: 12 cr.

BIOL 1006	Introduction to Molecular and Cell Biology
BIOL 1007	Introduction to Organismal and Evolutionary Biology
CHEM 1005	General Chemistry
MATH 1035	Calculus
PHYS 1005	General Physics

\*Students must complete PSYC 1106, PSYC 1107, PSYC 2126, PSYC 2127, PSYC 3205, and PSYC 3356 with a minimum grade of 60% in each.

*Students are limited to a maximum of 54 credits in Psychology.*

#### Other Program Requirements

Humanities	6 cr.
Science	6 cr.
Electives	30 cr.

For complete Bachelor of Science (3-Year General) degree requirements, please refer to that section of the Calendar.

## Bachelor of Arts (3-Year General) - Single Major

Students must complete 90 including a minimum of 36 credits in Psychology as follows:

* PSYC 1106	Introduction to Psychology I	3 cr.
* PSYC 1107	Introduction to Psychology II	3 cr.
* PSYC 2126	Scientific Method and Analysis I	3 cr.
* PSYC 2127	Scientific Method and Analysis II	3 cr.

PSYC 2000 or 3000 level	24 cr.
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\*Students must complete PSYC 1106, PSYC 1107, PSYC 2126 and PSYC 2127 with a minimum grade of 60% in each.

*Students are limited to a maximum of 54 credits in Psychology.*

#### Other Program Requirements

Humanities	6 cr.
Science	6 cr.
Electives	42 cr.

For complete Bachelor of Arts (3-Year General) degree requirements, please refer to that section of the Calendar.

## Bachelor of Arts (3-Year General) - Combined Major

Students must complete 90 credits including a minimum of 30 credits in Psychology and a minimum of 30 credits in another discipline. The second major must include all of the required courses specified for that discipline. The Psychology requirements are:

* PSYC 1106	Introduction to Psychology I	3 cr.
* PSYC 1107	Introduction to Psychology II	3 cr.
* PSYC 2126	Scientific Method and Analysis I	3 cr.
* PSYC 2127	Scientific Method and Analysis II	3 cr.
PSYC 2000 or 3000 level		18 cr.

\*Students must complete PSYC 1106, PSYC 1107, PSYC 2126 and PSYC 2127 with a minimum grade of 60% in each.

Students who are enrolled in a combined Psychology/Sociology major may elect to enrol in SOCI 3125 rather than PSYC 2126 and PSYC 2127 (formerly PSYC 2125); in this case, students must complete 24 credits in Psychology in addition to the required PSYC 1106 and PSYC 1107.

*Students are limited to a maximum of 54 credits in Psychology.*

### Other Program Requirements

Major 2	30 cr.
Humanities	6 cr.
Science	6 cr.
Electives	18 cr.

For complete Bachelor of Arts (3-Year General) degree requirements, please refer to that section of the Calendar.

## Minor in Psychology

A minor in Psychology is available to students pursuing a major in another discipline. The minor in Psychology consists of a minimum of 30 credits, with at least six credits at the first year level and at least six credits at the upper year level. Cross-coded and cross-listed courses may count towards a minor if they have not been used elsewhere to complete program requirements. A minimum grade of 60 % is required in the introductory course(s) presented for the minor.

## Psychology Courses

### PSYC 1036 Applied Developmental Psychology

Prerequisite: This course is restricted to students enrolled in the Bachelor of Science in Nursing.

Hours: Three hours of lecture per week for one term.

Credits: 3

This course provides an overview of the physical, intellectual, emotional, and social changes throughout the lifespan. Discussions will include the relevance of developmental psychology to nursing practice. *Offered every year.*

### PSYC 1106 Introduction to Psychology I

Prerequisite: No prerequisite.

Anti-requisite: PSYC 1105

Hours: Three hours of lecture per week and two hours of laboratory work every second week for one term.

Credits: 3

This course is a survey of the various perspectives and fields of psychology with some reference to the historical development of the discipline. The course stresses scientific, biological, and environmental explanations of human and animal behaviour, reviewing areas such as history of psychology, the scientific method, the different perspectives in psychology: psychoanalytic, behaviouristic, humanistic, cognitive, and biological. Other topics such as the brain, gross neuroanatomy, fine neuroanatomy, neurophysiology, the senses, motivation and emotion, sleep and dreaming, and consciousness will also be discussed. The laboratory portion of the course offers small-group instruction and is intended to give the students, through "hands-on" experience, a concrete understanding of the role of the scientific method in psychology. Each lab unit focuses on one fundamental area of research design or elementary statistical analysis. *Offered every year. Also offered in Muskoka 2004-2005.*

### PSYC 1107 Introduction to Psychology II

Prerequisite: PSYC 1106

Anti-requisite: PSYC 1105

Hours: Three hours of lecture per week and two hours of laboratory work every second week for one term.

Credits: 3

This course is a survey of the various perspectives and fields of psychology covering areas such as design and analysis of experiments, developmental psychology, educational psychology, personality, intelligence and testing, industrial psychology, social psychology, psychological disorders, and treatment of psychological disorders. The laboratory portion of the course offers small-group instruction and is intended to give the students, through "hands-on" experience, a concrete understanding of the role of the scientific method in psychology. Each lab unit focuses on one fundamental area of research design or elementary statistical analysis. *Offered every year. Also offered in Muskoka 2004-2005.*

### PSYC 2006 Childhood Development

Prerequisite: PSYC 1106 and PSYC 1107

Anti-requisite: PSYC 2005

Hours: Three hours of lecture per week for one term.

Credits: 3

This course introduces human development from conception to adolescence. It reviews traditional theories of physical, perceptual, cognitive, social and personality development throughout childhood. *Offered every year. Also offered in Summer 2004 and in Muskoka 2004-2005.*

### PSYC 2007 Adult Development

Prerequisite: PSYC 2006

Anti-requisite: PSYC 2005

Hours: Three hours of lecture per week for one term.

Credits: 3

This course addresses human development from adolescence to late adulthood. Issues addressed will include physical, perceptual, cognitive, social and personality changes that occur throughout this time of life. Relevant stage theories outlining these developmental changes will be covered including the stages of death and dying. *Offered every year. Also offered in Summer 2004 and in Muskoka 2004-2005.*

**PSYC 2020 Developmental Psychology for Educators**

Prerequisite: No prerequisite.

This course may not be credited towards a major or minor in Psychology.

Anti-requisite: PSYC 2006, PSYC 2007, PSYC 2005

Hours: Three hours of lecture per week.

Credits: 6

The physical, intellectual, emotional, and social changes from infancy through late adolescence are emphasized. There is also an examination of developments from youth onwards, some of the physical and neurophysiological processes involved, various theories of learning and development, and relevant content usually covered in PSYC 1106 and PSYC 1107. The relevance of research findings and theories in developmental psychology to the educational process and to situations which teachers may encounter are discussed. *Offered every year.*

**PSYC 2126 Scientific Method and Analysis I**

Prerequisite: PSYC 1106 and PSYC 1107

A student in a degree program cannot retain credit for more than nine credits of introductory statistics courses.

Anti-requisite: PSYC 2125

Hours: Three hours of lecture per week for one term.

Credits: 3

Fundamental concepts underlying psychological measurement and statistical analysis are examined. Descriptive and inferential statistics, probability theory, and hypothesis testing for differences between means are introduced. Students also learn to conduct simple computerized analyses. *Offered every year. Also offered in Spring 2004 and in Muskoka 2004-2005.*

**PSYC 2127 Scientific Method and Analysis II**

Prerequisite: PSYC 2126

A student in a degree program cannot retain credit for more than nine credits of introductory statistics courses.

Anti-requisite: PSYC 2125

Hours: Three hours of lecture per week for one term.

Credits: 3

This course builds on the concepts introduced in PSYC 2126 by adding a consideration of non-parametric statistics, various correlational techniques and basic analysis of variance. Students will also be introduced to and receive practical experience with basic research methodology and design. Computerized analyses in these areas will also be covered. *Offered every year. Also offered in Spring 2004 and in Muskoka 2004-2005.*

**PSYC 2255 Psychology of Art**

Prerequisite: PSYC 1106 and PSYC 1107

Hours: Three hours of lecture per week.

Credits: 6

This is a general survey of psychological approaches to the creative arts (music, the performing arts, the visual arts, literature, film and science). It examines what all branches of psychology have to contribute to an understanding of the creative individual, the creative act, the aesthetic experience and the nature of the art audience. It includes a review of attempts to develop an experimental psychology of the arts, an examination of the formal aspects of the arts in terms of the psychology of perception, the relationship of the sciences to the arts and the biological and evolutionary bases for some aspects of the aesthetic experience. Students who have not completed PSYC 1106 and PSYC 1107 may request permission from the instructor to take PSYC 2255. *Offered in 2004-2005.*

**PSYC 2306 Psychology of Industry and Work I**

Prerequisite: PSYC 1106 and PSYC 1107

Anti-requisite: PSYC 2305 and ADMN 1136

Hours: Three hours of lecture per week for one term.

Credits: 3

This course discusses the field of Industrial Organizational psychology, examines its history, and how data are collected in this area. Personnel and organizational issues are the primary issues of discussion. Topics include job analysis, employee selection, training, development and performance, organizational structure, and work environment issues. Students will be encouraged to participate in discussion. *Offered every year.*

**PSYC 2307 Psychology of Industry and Work II**

Prerequisite: PSYC 2306

Anti-requisite: PSYC 2305 and ADMN 1136

Hours: Three hours of lecture per week for one term.

Credits: 3

This course applies concepts and theories of psychology to the performance of the worker. It also emphasizes worker issues such as motivation, stress, communication, group processes, health, leadership and power among others and how they can be effected by different variables in the work place. Students will be encouraged to participate in class discussion. *Offered in 2004-2005.*

**PSYC 2506 Health Psychology**

Prerequisite: PSYC 1106 and PSYC 1107

Anti-requisite: PSYC 3926 if taken in 2001 or 2002

Hours: Three hours of lecture per week for one term.

Credits: 3

This course is an introduction to the area of Health Psychology. Topics covered will include psychology in medical settings, conducting health research, adhering to medical advice, defining and measuring stress, coping with pain, the psychology of diet and exercise, and behavioural factors associated with cardiovascular disease, cancer, smoking and other drugs. Students will be required to participate in discussion and present a seminar on a chosen topic. *Offered in 2004-2005.*

**PSYC 2605 Behavioural Neuroscience**

Prerequisite: PSYC 1106 and PSYC 1107

Anti-requisite: PSYC 2606, PSYC 3507

Hours: Three hours of lecture and two hours of laboratory work per week.

Credits: 6

An overview of the field of behavioural neuroscience is presented. The emphasis is on an examination of the relationships between behaviour and neural phenomena. This course may be credited towards Biology in a Liberal program. *Offered every year.*

**PSYC 2705 Motivation and Emotion**

Prerequisite: PSYC 1106 and PSYC 1107

Hours: Three hours of lecture per week.

Credits: 6

This course critically examines motivation and emotion in human beings and animals. The course includes the many theories and experiments concerning behavioural, instinctual, physiological, and cognitive aspects of motivation and emotion, and the study of normal emotional conflicts and defense mechanisms. *Offered every year. Also offered in Spring 2004.*

**PSYC 2806 Sports Psychology**

Prerequisite: PSYC 1106 and PSYC 1107

Anti-requisite: PSYC 3927 if taken in 2001

Hours: Three hours of lecture per week for one term.

Credits: 3

This course is an introduction to Sports Psychology. Topics covered will include personality and cognitive theories of motivation for sport behaviour, socialization into sport, theories of leadership, eating disorders and drug abuse in sport life, aggression and violence, and spectator behaviour. Students will be required to participate in discussion and group projects. *Offered every second year. Offered in 2004-2005.*

**PSYC 2906 Sensation**

Prerequisite: PSYC 1106 and PSYC 1107

Anti-requisite: PSYC 2905

Hours: Three hours of lecture per week for one term.

Credits: 3

This course involves an examination of the ways organisms (especially humans) obtain information about their external and internal environments. The physical stimuli, pertinent receptor processes, and some aspects of neural encoding will be considered. This course may be credited towards Biology in a Liberal program. *Offered every second year. Offered in 2004-2005.*

**PSYC 2907 Perception**

Prerequisite: PSYC 2906

Anti-requisite: PSYC 2905

Hours: Three hours of lecture per week for one term.

Credits: 3

This course expands upon the topics covered in PSYC 2906 by considering the perceptual processing that arises from the sensory input previously examined in PSYC 2906. The development of object perception, perceptual constancies, and distortions will be considered. The psychological procedures, from classical methods to modern signal detection concepts and techniques used to study perceptual processing will also be evaluated. This course may be credited towards Biology in a Liberal program. *Offered every second year. Offered in 2004-2005.*

**PSYC 3005 Personality and Adjustment**

Prerequisite: PSYC 1106 and PSYC 1107

Hours: Three hours of lecture per week.

Credits: 6

Various personality theories are explained and evaluated for their application to personality assessment and personality change. Empirical findings regarding basic personality processes, personality development, and adjustment. *Offered every second year. Offered in 2004-2005.*

**PSYC 3105 Comparative Psychology**

Prerequisite: PSYC 1106 and PSYC 1107

Hours: Three hours of lecture per week.

Credits: 6

This course examines the evidence for universal principles of behaviour through a consideration of studies of animal behaviour. The relevance of laboratory and natural settings studies of animal behaviour to our knowledge of the process of learning, perception, motivation, psychological development and social psychology are examined. *Offered periodically. Offered in 2004-2005.*

**PSYC 3205 Psychological Measurement**

Prerequisite: PSYC 2127 or PSYC 2125

Anti-requisite: PSYC 3206, PSYC 3207

Hours: Two hours of lecture and one hour of practicum per week.

Credits: 6

The fundamentals of test construction and use are discussed from the perspectives of classical and modern test theory. Students will be introduced to the elements of test standardization, reliability, validity and item analysis. Test use in clinical, educational and industrial settings will be reviewed. Additional topics include legal and ethical issues in test use, detection of test bias, controversies in intelligence testing, generalizability theory and criterion-referenced measurement. Students undertake a detailed evaluation of a test and have an opportunity to utilize psychometric software to analyse test data. *Offered every year.*

**PSYC 3257 Multivariate Statistics**

Prerequisite: PSYC 3356 and PSYC 3357

A student in a degree program cannot retain credit for more than nine credits of introductory statistics courses.

Anti-requisite: SOCI 4127

Hours: Three hours of lecture and one hour of practicum per week for one term.

Credits: 3

Theoretical and practical usage of correlational multivariate techniques are examined. Topics include multiple regression, discriminate function analysis, factor analysis, principal components analysis and canonical correlation. Students should have a strong background in univariate analysis, research methodology and SPSS. *Offered every second year.*

**PSYC 3266 Computer Methods in Psychology**

Prerequisite: PSYC 1106 and PSYC 1107

Hours: Four hours of lecture/practicum work per week for one term.

Credits: 3

The course examines the creative use of computers in Psychology at every stage of the research process. Topics include various operating systems on micros and mainframes; computerized literature searches; understanding databases; telecommunications; programming an experiment; data collection and preliminary analysis; fundamentals of computerized statistical analysis; report preparation; and the implications of developments in Artificial Intelligence. *Offered every second year. Offered in 2004-2005.*

**PSYC 3306 Learning**

Prerequisite: PSYC 1106 and PSYC 1107

Hours: Three hours of lecture per week for one term.

Credits: 3

Types of mechanisms of learning, the variables and conditions which contribute to learning processes are examined. Review of experimental findings and theoretical issues related to learning. Students present a seminar on a chosen topic. *Offered every second year. Offered in 2004-2005.*

**PSYC 3307 Laboratory in Learning and Memory**

Prerequisite: PSYC 2126 and PSYC 2127 (formerly PSYC 2125) and PSYC 3306

Hours: Two hours of lecture and three hours of laboratory work per week for one term.

Credits: 3

The current research literature on human and animal learning is examined with a particular emphasis on the neurological bases of learning and memory. Direct experimental tests of current hypotheses are carried out during the laboratory component of the course. *Offered every second year.*

**PSYC 3356 Design and Analysis I**

Prerequisite: PSYC 2127 or PSYC 2125

Anti-requisite: PSYC 3256

Hours: Two hours of lecture and two hours of practicum per week for one term.

Credits: 3

This course emphasizes experimental design and data analysis using SPSS for Windows. Topics include data screening; descriptive statistics; one-way analysis of variance and covariance; 2-way and 3-way ANOVA; randomized block and randomized block factorial designs. *Offered every year.*

**PSYC 3357 Design and Analysis II**

Prerequisite: PSYC 3356

Hours: Two hours of lecture and two hours of practicum per week for one term.

Credits: 3

This course emphasizes advanced experimental design and data analysis using SPSS for Windows. Topics include the general linear model; multiple regression with and without dummy coding; univariate and multivariate analysis of variance and covariance including factorial designs, repeated measures designs and mixed effects designs. *Offered in 2004-2005.*

**PSYC 3405 Psychology of Education**

Prerequisite: PSYC 1106 and PSYC 1107

It is strongly recommended that students have PSYC 2126 and PSYC 2127 (formerly PSYC 2125) prior to undertaking PSYC 3405.

Hours: Three hours of lecture per week.

Credits: 6

The course introduces current theory and research in educational psychology. Topics typically discussed include cognitive processes, memory, concept learning, language development, problem solving, social learning, moral development, classroom management, setting of educational goals and objectives, teacher-made and standardized tests, reading and writing, and exceptional children. *Offered every second year. Offered in 2004-2005.*

**PSYC 3506 Neuropharmacology**

Prerequisite: PSYC 2605

Hours: Three hours of lecture per week for one term.

Credits: 3

Drugs and their effects on neural function are described and evaluated in detail. Although all major pharmacological classes of drugs are reviewed, the main emphasis is on current issues in the biochemical bases of neuropharmacology. The use of pharmacological tools in neuroscience research, including clinical issues and dependence is discussed. The course will also touch on social and historical issues relating to pharmacology. The

student should have a basic understanding of chemistry and neuroanatomy. This course may be credited towards Biology in a Liberal program. *Offered every second year. Offered in 2004-2005.*

**PSYC 3606 Psychopathology I**

Prerequisite: PSYC 1107

Anti-requisite: PSYC 3605

Hours: Three hours of lecture per week for one term.

Credits: 3

This course provides an overview of the psychoanalytic, behavioral, humanistic, cognitive, biological and eclectic approaches to understanding, describing and classifying mental disorders. The social and legal issues in psychopathology will also be discussed. *Offered in 2004-2005.*

**PSYC 3607 Psychopathology II**

Prerequisite: PSYC 3606

Anti-requisite: PSYC 3605

Hours: Three hours of lecture per week for one term.

Credits: 3

This course surveys the assessment, diagnosis, research and treatment of psychological disorders. It focuses on topics pertaining to developmental disorders such as childhood disorders, aging and psychological disorders, and learning disabilities. Treatment approaches such as insight therapies, cognitive and behaviour therapies, biological therapies and other approaches such as group, couple, family and community approaches will also be discussed. Professional and legal issues in the practice of psychology will also be introduced. *Offered in 2004-2005.*

**PSYC 3615 Psychological Disorders in Children**

Prerequisite: PSYC 2006 and PSYC 2007 (formerly PSYC 2005)

Hours: Three hours of lecture per week.

Credits: 6

This course critically examines the description, classification, determinants and treatment of the development disorders of childhood and a detailed inquiry into the disorders of mental retardation, hyperactivity, specific learning disabilities and childhood psychosis in the light of current research knowledge. Special emphasis is given to the evaluation of treatment methods applicable in the child's social-educational milieu. *Offered in 2004-2005.*

**PSYC 3635 Psychology of Crime and Corrections**

Prerequisite: PSYC 1106 and PSYC 1107 and another course in Psychology.

It is strongly recommended that students have PSYC 2126 and PSYC 2127 (formerly PSYC 2125) prior to undertaking PSYC 3635.

Anti-requisite: CRJS 3106 and CRJS 3107

Hours: Three hours of lecture per week.

Credits: 6

The psychological aspects of crime, the criminal, and the criminal justice system are evaluated from several theoretical perspectives. Particular emphasis is placed upon the growing importance of psychologists and social science research in the trial process and upon correctional agencies and the evaluation of their rehabilitative interventions. Topics include victim studies, eyewitness evidence, and the prediction of dangerousness. *Offered periodically.*

**PSYC 3705 Cognitive Psychology**

Prerequisite: PSYC 2126 and PSYC 2127 (formerly PSYC 2125)

Hours: One and one-half hours of lecture and one and one-half hours of laboratory work per week.

Credits: 6

This course reviews the principal concepts and research concerning human mental processes. Topics usually discussed include attention, pattern recognition, memory, problem solving, language acquisition, decision making and bilingualism.

**PSYC 3806 Introduction to Social Psychology**

Prerequisite: PSYC 1106 and PSYC 1107

Anti-requisite: PSYC 3805

Hours: Three hours of lecture per week for one term.

Credits: 3

This course critically examines the theories dealing with beliefs, attitudes, conformity, prejudice, aggression, group behaviour and attraction among others. Students are encouraged to participate in class discussion and present a seminar on a chosen topic. *Offered every year.*

**PSYC 3807 Applied Social Psychology**

Prerequisite: PSYC 3806

Anti-requisite: PSYC 3805

Hours: Three hours of lecture per week for one term.

Credits: 3

This course focuses on the applied aspects of social psychology. Topics include eyewitness testimony, courtroom behaviour, health issues, and how the environment effects human behaviour among others. Students are encouraged to participate in class discussion and present a seminar on a chosen topic in the area of applied social psychology. *Offered in 2004-2005.*

**PSYC 3906 Special Topics in Psychology I**

Prerequisite: PSYC 1106 and PSYC 1107

Hours: Four hours of lecture/practicum work per week for one term.

Credits: 3

This course provides advanced coverage of particular topics in psychology. Specific content will vary from year to year. *Offered periodically.*

**PSYC 3907 Special Topics in Psychology II**

Prerequisite: PSYC 1106 and PSYC 1107

Hours: Four hours of lecture/practicum work per week for one term.

Credits: 3

This course provides advanced coverage of particular topics in psychology. Specific content will vary from year to year. *Offered periodically.*

**PSYC 3916 Advanced Readings in Psychology**

Prerequisite: Restricted to third or fourth year students in the Honours Psychology program and approval of the discipline is required prior to registration. *Students wishing to take this course during the following Spring/Summer or Fall/Winter Session must apply in writing to the discipline no later than February 15.*

Credits: 3

This course is intended for the advanced student interested in a particular topic of psychology. Students are required to do a

thorough literature review on a topic of interest resulting in a paper at the end of the course. *Offered every year.*

**PSYC 3917 Special Projects Course**

Prerequisite: PSYC 2126 and PSYC 2127 (formerly PSYC 2125) and restricted to third or fourth year students in the Honours Psychology program. Approval of the discipline is required prior to registration. *Students wishing to take this course during the following Spring/Summer or Fall/Winter Session must apply in writing to the discipline no later than February 15.*

Credits: 3

Students will normally enrol in PSYC 3916 prior to enrolling in PSYC 3917. This course is intended for the advanced student interested in a particular topic of psychology. Students are required to carry out an independent research project resulting in a paper at the end of the course. *Offered every year.*

**PSYC 3926 Special Topics in Psychology III**

Prerequisite: PSYC 1106 and PSYC 1107

Anti-requisite: PSYC 3266 if PSYC 3926 was taken prior to Spring term 1994.

Hours: Four hours of lecture/practicum work per week for one term.

Credits: 3

This course provides advanced coverage of particular topics in psychology. Specific content will vary from year to year. *Offered periodically.*

**PSYC 3927 Special Topics in Psychology IV**

Prerequisite: PSYC 1106 and PSYC 1107

Hours: Four hours of lecture/practicum work per week for one term.

Credits: 3

This course provides advanced coverage of particular topics in Psychology with accompanying practical work. Specific content will vary from year to year, depending on which faculty member teaches the course. *Offered periodically.*

**PSYC 4005 Systems and Theories in Psychology**

Prerequisite: Restricted to students in the fourth year of the Honours Psychology program.

Hours: Three hours of lecture per week.

Credits: 6

This course surveys the development of modern psychology and reviews and critically examines the major systems and theories in psychology. *Offered every year.*

**PSYC 4105 Student's Investigation I**

Prerequisite: PSYC 3356 and PSYC 3357 and restricted to students in the fourth year of the Honours Psychology program. Approval of the discipline is required prior to registration. *Students wishing to take this course during the following Spring/Summer or Fall/Winter Session must apply in writing to the discipline no later than February 15.*

Anti-requisite: PSYC 4115

Credits: 6

This course consists of an empirical investigation of a research problem in psychology. Students are encouraged to isolate a research problem and to approach a potential faculty advisor during their third year. In consultation with the faculty advisor, each student prepares a prospectus which, when approved by the

advisor, is then presented to a discipline prospectus meeting for evaluation. If the prospectus is approved by the discipline the student may proceed with the research. The faculty advisor provides advice, when requested, evaluates the student's performance in carrying out the research and evaluates the final report which is to be written in a style suitable for journal submission. *Offered every year.*

### **PSYC 4115 Student's Investigation II**

Prerequisite: PSYC 3205 and PSYC 3356 and restricted to students in the fourth year of the Honours Psychology program. Approval of the discipline is required prior to registration. *Students wishing to take this course during the following Spring/Summer or Fall/Winter Session must apply in writing to the discipline no later than February 15.*  
Anti-requisite: PSYC 4105  
Credits: 6

This course consists of a non-empirical investigation of an issue or problem in psychology. Students are encouraged to isolate an issue or problem. In consultation with the faculty advisor, each student prepares a prospectus which, when approved by the advisor, is then presented to a discipline prospectus meeting for evaluation. If the prospectus is approved by the discipline the student may proceed with the investigation. The faculty advisor provides advice and evaluates the student's performance in carrying out the investigation and evaluates the final report which is to be written in a style suitable for journal submission. *Offered every year.*

### **PSYC 4205 Fundamentals of Clinical and Counselling Psychology**

Prerequisite: PSYC 3005, PSYC 3606 and PSYC 3607  
Completion of at least 42 credits in psychology in the Honours program including the above.  
Credits: 6

Students are introduced to psychology in applied settings with an emphasis on the mental health field. Clinical assessment procedures, including psychometric devices are examined, as are the major theoretical positions in counselling and psychotherapy. Students are also introduced to the scope of the work of the clinical psychologist in sessions with the practitioners in the field. *Offered every year.*

### **PSYC 4266 Advanced Computer Methods in Psychology (formerly PSYC 3267)**

Prerequisite: PSYC 3266  
Anti-requisite: PSYC 3267  
Hours: Four hours of lecture/practicum work per week for one term.  
Credits: 3

This course builds on the basic computer skills learned in PSYC 3266. Special emphasis is placed on the development of programming skills relevant to psychological research. Students learn how to design their own programmed experiments, computerized tests, computerized test evaluation tools, and computer simulation studies. Internet research techniques are also examined. *Offered every second year.*

### **PSYC 4706 Advanced Neuroanatomy**

Prerequisite: PSYC 2605  
Hours: Three hours of lecture and two hours of laboratory work per week for one term.  
Credits: 3

This course is an intensive study of neuroanatomy both through seminar/lecture presentation and laboratory work. The student can expect to gain sophistication in selected histological techniques and the analysis of histological material through computerized imaging techniques. Other techniques used in neuroanatomical research may also be introduced. *Offered every second year.*

### **Cross-Listed Courses**

The following courses may be credited towards Psychology: BIOL 3717, BIOL 4557 and SOSC 2106.



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## Religions and Cultures

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### Minor in Religions and Cultures

A minor in Religions and Cultures is available to students pursuing a major in another discipline. A minor consists of a minimum of 24 credits in a discipline. In Religions and Cultures, the minor must consist of six credits at the first year level and 18 credits at the upper year level. A maximum of 12 credits comprised of cross-coded and cross-listed courses may count towards the minor if they have not been used elsewhere to complete program requirements. A minimum of 60% is required in the introductory course(s) presented for the minor.

### Religions and Cultures Courses

#### **RLCT 1025 Introduction to World Religions and Cultures (formerly RLST 1020)**

Prerequisite: No prerequisite.

Anti-requisite: RLST 1020

Hours: Three hours of lecture per week.

Credits: 6

This course is designed as an historical and cultural survey of the basic teachings and doctrines of the major religious traditions of the world, which include: Judaism, Christianity, Islam, Hinduism, Buddhism, Confucianism, Taoism and Native American Spirituality. *Offered every year. Also offered in Spring 2004.*

#### **RLCT 2016 Ceremony, Celebration and Community**

Prerequisite: RLCT 1025 (formerly RLST 1020)

Hours: Three hours of lecture per week for one term.

Credits: 3

Ceremonies and celebrations mark significant milestones in an individual's life. Aside from their festive quality, these ceremonies function on a variety of interconnected levels. Ceremonies marking important life events intersect the private and the public sphere, and are embedded in social as well as religious contexts. This course will examine celebrations such as birth, wedding, and coming-of-age ceremonies from both eastern and western religious traditions in order to understand the important role of these ceremonies in providing form and meaning in the lives of individual persons as well as entire communities. This course will also examine how these ceremonies reinforce notions of belonging, community, and culture. This course may be credited towards Sociology. *Offered in 2004-2005.*

#### **RLCT 2017 Perspectives on Death and Dying**

Prerequisite: RLCT 1025 (formerly RLST 1020)

Hours: Three hours of lecture per week for one term.

Credits: 3

Attitudes about death and the afterlife vary greatly from culture to culture. The process of death can affect individuals as well as communities on personal, familial, social, religious, and cultural levels. This course will examine attitudes towards death, rituals for the disposal of the deceased, and beliefs about the afterlife from a variety of cultural contexts including Native traditions, Zoroastrianism, Christianity, Judaism, Islam, Hinduism, Jainism and Buddhism. The creation and ceremonial recreation of community after the loss of one of its members will also be addressed. This course may be credited towards Sociology. *Offered in 2004-2005.*

#### **RLCT 2025 Themes in Religion (formerly RLST2020)**

Prerequisite: RLCT 1025 (formerly RLST 1020)

Anti-requisite: RLST 2020

Hours: Three hours of lecture per week.

Credits: 6

This course explores, from a comparative perspective, various religious responses to the fundamental concerns of human existence. Examples of themes examined include: birth, death, suffering, evil, the absolute, salvation, compassion, faith, sexuality, tradition, myth and symbol, etc.

#### **RLCT 2035 20th Century Religious Thought**

Prerequisite: RLCT 1025 (formerly RLST 1020) or GEND 1025, or PHIL 1115 or 18 credits at the first year level

Hours: Three hours of lecture per week.

Credits: 6

The 20th century saw marked changes in the way many cultures experienced and understood the place of religion in everyday life. This course will explore a range of key themes, such as fundamentalism, religious pluralism, the rise of secularism in Western countries, and Eastern spiritualities in a Western context. We will also consider the writings of a number of key thinkers from various traditions, including philosophy, feminism, religious studies and theology, each of whom have made a significant contribution to the philosophical and theological debates on the role of religion in everyday life. *Offered in 2004-2005.*

#### **RLCT 3026 Women and the Feminine in Eastern Religions I**

Prerequisite: RLCT 1025 (formerly RLST 1020) or any course in, or cross-listed with, Gender Equality and Social Justice

Hours: Three hours of lecture per week for one term.

Credits: 3

This course will examine the presence and influence of women and the feminine across a number of Eastern religious traditions including Buddhism, Hinduism, Taoism and a selection of animistic religions. The course will draw on contemporary writings from feminist scholars and reflect on the contributions women have made to the study of Eastern religions. This course may be credited towards Gender Equality and Social Justice. *Offered periodically.*

#### **RLCT 3027 Women and the Feminine in Eastern Religions II**

Prerequisite: RLCT 3026

Hours: Three hours of lecture per week for one term.

Credits: 3

This course will continue the examination of the presence and influence of women and the feminine across a number of Eastern religious traditions including Buddhism, Hinduism, Taoism and a selection of animistic religions begun in Women and the Feminine in Eastern Religions I. The course will draw on contemporary writings from feminist scholars and reflect on the contributions women have made to the study of Eastern religions. This course may be credited towards Gender Equality and Social Justice. *Offered periodically.*

**RLCT 3116 Women and Western Religions (formerly RLST 3116)**

Prerequisite: RLCT 1025 (formerly RLST 1020) or any course in, or cross-listed with, Gender Equality and Social Justice.

Anti-requisite: GEND 3116 and RLST 3116 and WOMN 3116

Hours: Three hours of lecture per week for one term.

Credits: 3

Christianity remains the most influential and dominant religion of Western culture. Its influence extends far beyond the obvious bounds of the Church. In this course we will focus particularly on the relations of Christianity to sex roles and sexual politics in Western Culture. We will examine the practices and beliefs of Christian religions with respect to sexuality, and the impact they have had on the changing status of women. Students will be introduced to contemporary studies of women and the Church. We will look at recent debates within Feminist Theology and their role in reconceptualizing the place of women in the study of religion and spirituality. *Offered periodically.*

**Cross-Listed Courses**

The following courses may be credited towards Religions and Cultures: CLAS 2005, CLAS 3305, GEND 3116, GEND 3117, HIST 2805, NATI 3005, PHIL 2705 and PHIL 3635.

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## Russian

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This discipline is not offered as a degree, but the courses in Russian may be credited as electives in any other degree program.

### Russian Courses

**RUSS 1005 Introductory Russian**

Prerequisite: No prerequisite.

Hours: Three hours of lecture per week.

Credits: 6

The basic elements of Russian grammar are studied: development of the four language skills; reading, listening-comprehension, writing and speaking.

**RUSS 2005 Intermediate Russian**

Prerequisite: No prerequisite.

Hours: Three hours of lecture per week.

Credits: 6

This course reviews the principles of grammar: intensive practice in conversation, composition and translation. Students will also study literary and cultural materials. Laboratory work concentrates on practice in pronunciation, grammar and listening-comprehension. There is also an emphasis on current Russian issues.

**RUSS 3005 Advanced Russian**

Prerequisite: RUSS 2005

Hours: Three hours of lecture per week.

Credits: 6

Intensive practice in reading, listening comprehension, writing and speaking. Extensive reading in literary and cultural texts. Written and oral class assignments of various degrees of linguistic difficulty will help the student acquire a fluent and idiomatic command of Russian.

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## Social Science

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This discipline is not offered as a degree, but the course in Social Science may be credited as an elective in any other degree program.

### Social Science Course

#### SOSC 2106 Ethics for Social Science

Prerequisite: PSYC 1106 and PSYC 1107 or SOCI 1015

Hours: Three hours of lecture per week for one term.

Credits: 3

Issues of special interest in social science will be examined, using a decision-making approach and emphasizing critical thinking skills. Topics may include research ethics, professional ethics, criminal justice ethics, euthanasia, abortion, cloning, capital punishment, welfare/workfare, intercultural issues, affirmative action/reverse discrimination, and censorship. This course may be credited towards Psychology or Sociology. *Offered periodically.*

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## Social Welfare

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### Undergraduate Degree

•Bachelor of Arts (3-Year General)

### Bachelor of Arts (3-Year General) - Single Major

Students must complete 90 credits including a minimum of 36 credits in Social Welfare as follows:

* SWLF 1005	Introduction to Social Welfare	6 cr.
SWLF 2105	Social Welfare as a Social Institution	6 cr.
SWLF 3105	Social Policy	6 cr.
SWLF	upper level	18 cr.

\*Students must complete SWLF 1005 with a minimum grade of 60%.

Six credits from the following Sociology courses may be applied to the major in Social Welfare:

SOCI 2086	Crime and Punishment I: Explanations of Crime
SOCI 2087	Crime and Punishment II: Police, Courts, Prisons and Rehabilitation
SOCI 2506	Social Problems

*Students are limited to a maximum of 54 credits in Social Welfare.*

#### Other Program Requirements

Humanities	6 cr.
Science	6 cr.
Electives	42 cr.

For complete Bachelor of Arts (3-Year General) degree requirements, please refer to that section of the Calendar.

It is important to note that the BA in Social Welfare is not equivalent to a Bachelor of Social Work degree. In order to be admissible to the Ontario Association of Professional Social Workers, students must obtain a Bachelor of Social Work degree recognized by the Canadian Association of Social Work.

### Bachelor of Arts (3-Year General) - Combined Major

Students must complete 90 credits including a minimum of 30 credits in Social Welfare and a minimum of 30 credits in another discipline. The second major must include all of the required courses specified for that discipline. The Social Welfare requirements are:

* SWLF 1005	Introduction to Social Welfare	6 cr.
SWLF 2105	Social Welfare as a Social Institution	6 cr.
SWLF 3105	Social Policy	6 cr.
SWLF	upper level	12 cr.

\*Students must complete SWLF 1005 with a minimum grade of 60%.

Six credits from the following Sociology courses may be applied to the major in Social Welfare:

SOCI 2086	Crime and Punishment I: Explanations of Crime
SOCI 2087	Crime and Punishment II: Police, Courts, Prisons and Rehabilitation
SOCI 2506	Social Problems

*Students are limited to a maximum of 54 credits in Social Welfare.*

### Other Program Requirements

Major 2	30 cr.
Humanities	6 cr.
Science	6 cr.
Electives	18 cr.

For complete Bachelor of Arts (3-Year General) degree requirements, please refer to that section of the Calendar.

## Minor in Social Welfare

A minor in Social Welfare is available to students pursuing a major in another discipline. A minor consists of a minimum of 24 credits in a discipline. In Social Welfare, the minor must consist of six credits at the first year level and 18 credits at the upper year level. Cross-coded and cross-listed courses may count towards a minor if they have not been used elsewhere to complete program requirements. A minimum grade of 60 % is required in the introductory course(s) presented for the minor.

## Social Welfare Courses

### SWLF 1005 Introduction to Social Welfare

Prerequisite: No prerequisite.

Hours: Three hours of lecture per week.

Credits: 6

This course is a survey of the history and development of social welfare concepts, of the methods of social work practice, and of their relation to social science concepts and to philosophical, human and religious values. Includes a volunteer placement whereby the student experiences how a social agency works. *Offered every year. Also offered in Muskoka 2004-2005.*

### SWLF 2105 Social Welfare as a Social Institution

Prerequisite: SWLF 1005

Hours: Three hours of lecture per week.

Credits: 6

This course is an analysis of the community services developed to meet human and social needs. *Offered every year.*

### SWLF 3005 Human Service Program Management and Planning

Prerequisite: SWLF 1005

Hours: Three hours of lecture per week.

Credits: 6

This course focuses on concepts and techniques of program management and program planning. It examines the planning process, planning/decision making theory, citizen participation, goal setting, proposal development, program budgeting, human resources management and information management.

### SWLF 3105 Social Policy

Prerequisite: SWLF 1005 and SWLF 2105

Hours: Three hours of lecture per week.

Credits: 6

This course provides an in-depth examination of approaches to policy making, and critical analysis of selected welfare policies in Canada. *Offered every year.*

### SWLF 3116 Social Welfare and Public Health I

Prerequisite: SWLF 1005

Hours: Three hours of lecture per week for one term.

Credits: 3

This course examines the areas of concern common to and relations between the health and welfare sectors including the effect of social policy, legislation, administrative structures and availability of services on a community's health and welfare.

### SWLF 3117 Social Welfare and Public Health II

Prerequisite: SWLF 3116

Hours: Three hours of lecture per week for one term.

Credits: 3

This course focuses on the relationship between health and illness policies and social welfare. Legal and ethical issues pertaining to one's body in life and death are explored. The problem of personal or group control over one's own health care and the illness care system is examined. Issues of particular concern to specific groups of consumers, providers and policy makers are also analysed as they relate to public health.

### SWLF 3126 Social Welfare and the Church

Prerequisite: SWLF 1005

Hours: Three hours of lecture per week for one term.

Credits: 3

This course examines the areas of concern common to and relations between social welfare and religious institutions, including the church's role in social welfare.

### SWLF 3136 Social Welfare and Education

Prerequisite: SWLF 1005

Hours: Three hours of lecture per week for one term.

Credits: 3

This course examines the areas of concern common to and relations between social welfare and educational institutions including the role of the educational system in furthering the social welfare of Canadians of all ages.

### SWLF 3146 Social Welfare and Work

Prerequisite: SWLF 1005

Hours: Three hours of lecture per week for one term.

Credits: 3

The focus of this course is an examination of work as it relates to social welfare, including the role of work in the well-being of individuals and society. It also includes an exploration of work as the primary system through which rights, statuses, and entitlements are distributed in contemporary industrial societies, along with a critical analysis of the manner in which we currently define and structure work and employment.

**SWLF 3255 Rural Social Welfare**

Prerequisite: SWLF 1005

Hours: Three hours of lecture per week.

Credits: 6

This course is a study of the need for, and the development of, social welfare programs in rural areas. Structural and social characteristics of rural areas, and the process of rural-urban transition considered with special attention to the social problems that rural areas experience. Also included are theoretical and actual approaches to rural social welfare development, such as political legislation, social planning, and community development. *Offered in 2004-2005.*

**SWLF 3296 Post Industrial Society and Social Welfare**

Prerequisite: SWLF 1005

Hours: Three hours of lecture per week for one term.

Credits: 3

This course provides an in-depth examination of the effects of technology on employment, leisure time, the environment and the quality of life, and the social work response to these.

**SWLF 3306 International Perspectives on Social Welfare**

Prerequisite: SWLF 1005

Hours: Three hours of lecture per week for one term.

Credits: 3

This course examines and compares social welfare policies and programs in selected countries

**SWLF 3307 Social Welfare in Developing Countries**

Prerequisite: SWLF 1005

Hours: Three hours of lecture per week for one term.

Credits: 3

This course identifies various social welfare strategies on the international scene. Specifically, it compares Third World and First World countries in terms of the political, economic, social and cultural contexts in which social welfare occurs, and in terms of their provisions for social welfare. Various international agencies and their role in providing social welfare in the Third World are identified and discussed. Multiculturalism in the context of academic neocolonialism is also examined.

**SWLF 3405 Concepts of Wellness in First Nations' Communities**

Prerequisite: SWLF 1005

Hours: Three hours of lecture per week.

Credits: 6

This course explores the issues which affect the relationship between First Nations Peoples and the social welfare system in Canada, ranging from the effects of the colonization process to the current movement toward self-determination. The traditional Native family and community is viewed as an intricately balanced ecosystem which was placed in jeopardy after European settlement occurred. Past and present government policies and programs are examined. Traditional helping and healing practices are studied and new First Nations' controlled services in the area of education, health and child welfare are examined. Special attention is given to the power of the medicine wheel as a vehicle for achieving spiritual, physical, social and environmental well being. This course may be credited towards Native Studies. *Offered in Spring 2004.*

**SWLF 3445 Women and Social Welfare**

Prerequisite: SWLF 1005

Hours: Three hours of lecture per week.

Credits: 6

This course examines policies and issues particularly of importance for women, including women's caring role in the family, the feminization of poverty, race, addiction, work and sexuality. Women's roles in the public and private spheres are explored to determine how these roles are interwoven and yet contradictory. This course may be credited towards Gender Equality and Social Justice. *Offered in 2004-2005 in Muskoka.*

**SWLF 3705 Law and Social Welfare**

Prerequisite: SWLF 1005

Hours: Three hours of lecture per week.

Credits: 6

The relationship between judicial systems and social welfare is examined. The role of the social worker in the administration of justice. Basic legal concepts useful to social workers. *Offered in Summer 2004.*

**SWLF 3805 Abuse and Violence Within the Family**

Prerequisite: SWLF 1005

Hours: Three hours of lecture per week.

Credits: 6

This course is designed to study the problem of violence within the family: child abuse, physical, emotional and sexual as well as neglect, and interspousal abuse. It looks at the development of services and legislation related to this problem area within the social services, health, educational and judicial disciplines. As well, it explores the differential role of concerned professionals in the detection, treatment and prevention of the problem of abuse. This course may be credited towards Gender Equality and Social Justice. *Offered in 2004-2005. Also offered in Muskoka in Spring 2004.*

**SWLF 3825 Addictions**

Prerequisite: SWLF 1005

Hours: Three hours of lecture per week.

Credits: 6

This course is an introduction to the field of addiction. This course includes a discussion of the history, theories and social aspects of addiction. Special emphasis is placed on the evolution of social policies, program and institutions which deal with the prevention and treatment of addiction. Attention is also given to such topics as the law and addiction, Alcoholics Anonymous, women and addiction, and aboriginal culture and addiction. *Offered in 2004-2005.*

**SWLF 3915 Special Topics in Social Welfare**

Prerequisite: SWLF 1005

Hours: Three hours of lecture per week.

Credits: 6

This course provides students with the opportunity to examine, in depth, various selected issues in Social Welfare. Actual topics vary from year to year, depending on faculty and student interests. *Offered in 2004-2005.*

**Cross-Listed Courses**

The following courses may be credited towards Social Welfare, up to a maximum of six credits: SOCI 2086, SOCI 2087 and SOCI 2506.

# Sociology

## Undergraduate Degrees

- Bachelor of Arts (Honours)
- Bachelor of Arts (3-Year General)

## Bachelor of Arts (Honours) - Single Major

Students must complete 120 credits including a minimum of 66 credits in Sociology as follows:

* SOCI 1015	Understanding Sociology	6 cr.
SOCI 2015	Classical Sociological Theory	6 cr.
* SOCI 3125	Research Methods and Data Analysis	6 cr.
SOCI 4015	Advanced Sociological Theories	6 cr.

Six credits from the following: 6 cr.

SOCI 4025	Advanced Research Methods
SOCI 4126	Survey Research
SOCI 4127	Multivariate Statistics

SOCI upper level	30 cr.
SOCI 4000 level	6 cr.

\*Students must complete SOCI 1015 and SOCI 3125 with a minimum grade of 60% in each.

Six credits in upper level Anthropology may be applied to a major in Sociology.

*Students are limited to a maximum of 84 credits in Sociology.*

### Other Program Requirements

Humanities	6 cr.
Science	6 cr.
Electives	42 cr.

For complete Bachelor of Arts (Honours) degree requirements, please refer to that section of the Calendar.

## Bachelor of Arts (Honours) - Combined Major

Students must complete 120 credits including a minimum of 42 credits in Sociology and a minimum of 42 credits in another discipline. The second major must include all of the required courses specified for that discipline. The Sociology requirements are:

* SOCI 1015	Understanding Sociology	6 cr.
SOCI 2015	Classical Sociology Theory	6 cr.
* SOCI 3125	Research Methods and Data Analysis	6 cr.
SOCI 4015	Advanced Sociological Theories	6 cr.

Six credits from the following: 6 cr.

SOCI 4025	Advanced Research Methods
SOCI 4126	Survey Research
SOCI 4127	Multivariate Statistics

SOCI upper level	12 cr.
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\*Students must complete SOCI 1015 and SOCI 3125 with a minimum grade of 60% in each.

Students who are enrolled in a combined Sociology/Psychology major may elect to enrol in PSYC 2126 and PSYC 2127 (formerly PSYC 2125) rather than SOCI 3125; in this case, students must complete 18 credits in Sociology in addition to the required SOCI 1015, SOCI 2015, SOCI 4015 and SOCI 4025(or SOCI 4126 and SOCI 4127).

*Students are limited to a maximum of 84 credits in Sociology.*

### Other Program Requirements

Major 2	42 cr.
Humanities	6 cr.
Science	6 cr.
Electives	24 cr.

For complete Bachelor of Arts (Honours) degree requirements, please refer to that section of the Calendar.

## Bachelor of Arts (3-Year General) - Single Major

Students must complete 90 credits including a minimum of 36 credits in Sociology as follows:

* SOCI 1015	Understanding Sociology	6 cr.
SOCI 2015	Classical Sociological Theory	6 cr.
* SOCI 3125	Research Methods and Data Analysis	6 cr.
SOCI upper level		18 cr.

\*Students must complete SOCI 1015 and SOCI 3125 with a minimum grade of 60% in each.

Six credits in upper level Anthropology may be applied to a major in Sociology.

*Students are limited to a maximum of 54 credits in Sociology.*

### Other Program Requirements

Humanities	6 cr.
Science	6 cr.
Electives	42 cr.

For complete Bachelor of Arts (3-Year General) degree requirements, please refer to that section of the Calendar.

## Bachelor of Arts (3-Year General) - Combined Major

Students must complete 90 credits including a minimum of 30 credits in Sociology and a minimum of 30 credits in another discipline. The second major must include all of the required courses specified for that discipline. The Sociology requirements are:

* SOCI 1015	Understanding Sociology	6 cr.
SOCI 2015	Classical Sociological Theory	6 cr.
* SOCI 3125	Research Methods and Data Analysis	6 cr.
SOCI 2000 or 3000 level		12 cr.

\*Students must complete SOCI 1015 and SOCI 3125E with a minimum grade of 60% in each.

Students who are enrolled in a combined Sociology/Psychology major may elect to enrol in PSYC 2126 and PSYC 2127 (formerly PSYC 2125) rather than SOCI 3125; in this case, students must complete 18 credits in Sociology in addition to the required SOCI 1015 and SOCI 2015.

*Students are limited to a maximum of 54 credits in Sociology.*

#### Other Program Requirements

Major 2	30 cr.
Humanities	6 cr.
Science	6 cr.
Electives	18 cr.

For complete Bachelor of Arts (3-Year General) degree requirements, please refer to that section of the Calendar.

### Minor in Sociology

A minor in Sociology is available to students pursuing a major in another discipline. A minor consists of a minimum of 24 credits in a discipline. In Sociology, the minor must consist of six credits at the first year level and 18 credits at the upper year level. Cross-coded and cross-listed courses may count towards a minor if they have not been used elsewhere to complete program requirements. A minimum grade of 60 % is required in the introductory course(s) presented for the minor.

### Sociology Courses

#### **SOCI 1015 Understanding Sociology**

Prerequisite: No prerequisite.

Hours: Three hours of lecture per week.

Credits: 6

The overall aim of this course is to develop within the student an understanding of society. Beginning with the smallest elements of social structure, the course attempts to show the way in which actors in society perceive social structures in their own social situations. The course also attempts to discuss those social phenomena that have the greatest contemporary relevance to Canadian society. *Offered every year. Also offered in Spring 2004 and in Muskoka 2004-2005.*

#### **SOCI 2006 The Child and Society**

Prerequisite: SOCI 1015

Hours: Three hours of lecture per week for one term.

Credits: 3

This is a course in the sociology of childhood with a focus on the social factors which affect the behaviour and development of children. *Offered in 2004-2005 in Muskoka.*

#### **SOCI 2007 The Adolescent and Society**

Prerequisite: SOCI 1015

Hours: Three hours of lecture per week for one term.

Credits: 3

This is a course in the sociology of adolescence with a focus on the social factors which affect the behaviour and development of adolescents. *Offered in 2004-2005. Also offered in Muskoka 2004-2005.*

#### **SOCI 2015 Classical Sociological Theory**

Prerequisite: SOCI 1015

Anti-requisite: SOCI 3015

Hours: Three hours of lecture per week.

Credits: 6

This is a comparative study of different sociological theories covering the dominant perspectives within micro and macro sociology. *Offered every year.*

#### **SOCI 2025 Industrial Sociology**

Prerequisite: SOCI 1015

Hours: Three hours of lecture per week.

Credits: 6

Industry and society are studied: work, occupations, and professions; management and the worker; automation and social change; bureaucracies; and industrial conflict.

#### **SOCI 2035 Sociology of the Family**

Prerequisite: SOCI 1015

Hours: Three hours of lecture per week.

Credits: 6

The structure and function of family systems, including comparative material from various cultures are analysed. Sociological problems of the modern family are explored, such as socialization, mobility, illegitimacy, old age, divorce, marital adjustment and changing social roles. *Offered in Muskoka in 2004-2005 and in Summer 2004.*

#### **SOCI 2036 Introduction to Social Gerontology**

Prerequisite: SOCI 1015 or enrolment in the Bachelor of Science in Nursing

Hours: Three hours of lecture per week for one term.

Credits: 3

One of the most important trends affecting Canada and every other developed society is population aging. This course will introduce students to the multidisciplinary study of aging. Specific topics that will be examined in the course include the demographic, physiological, psychological, and sociological aspects of aging. As well, the course will explore the economic, social and political implications of an aging population for Canada. *Offered every year.*

#### **SOCI 2046 Minority Groups in Canada**

Prerequisite: SOCI 1015

Hours: Three hours of lecture per week for one term.

Credits: 3

The course investigates the relationships between various cultures (ethnic, religious, linguistic, etc.) in Canada where conflict or collaboration exists between majorities and minorities.

#### **SOCI 2047 Minority Groups Throughout the World**

Prerequisite: SOCI 1015

Hours: Three hours of lecture per week for one term.

Credits: 3

The course investigates the relationships between various cultures (ethnic, religious, linguistic, etc.) in different societies of the world where conflict or collaboration exists between majorities and minorities.

**SOCI 2086 Crime and Punishment I: Explanations of Crime**

Prerequisite: SOCI 1015

Hours: Three hours of lecture per week for one term.

Credits: 3

This is a course in the study of the causes of crime with a main emphasis on crime in Canada. The Criminal Code is studied and crime is defined. Types of crime are described and their quantity estimated. Then, after considering causal explanations generally, the several theories of crime are analysed and evaluated. This course may be credited towards Social Welfare. *Offered every year.*

**SOCI 2087 Crime and Punishment II: Police, Courts, Prisons, and Rehabilitation**

Prerequisite: SOCI 1015

Hours: Three hours of lecture per week for one term.

Credits: 3

The institutions and policies of the Criminal Justice System of Canada, that is, the police, courts, prisons, and various rehabilitation programs, are the subject matter of the course. Evaluation of programs to reduce crime and rehabilitate offenders receive special attention. This course may be credited towards Social Welfare. *Offered every year.*

**SOCI 2095 Sociology of Education**

Prerequisite: No prerequisite.

In the Fall/Winter semester restricted to Orientation to Teaching students.

Hours: Three hours of lecture per week.

Credits: 6

Formal and informal social structures in education and the social factors determining success in upward mobility through the educational system are examined. What functions is the educational system supposed to perform, how well does it perform them, and for whom does it perform them? Should the educational system be changed and if so, how? *Offered every year. Also offered in Spring 2004 and in Muskoka in Spring 2004.*

**SOCI 2235 Sociology of Human Sexual Behaviour**

Prerequisite: SOCI 1015

Hours: Three hours of lecture per week.

Credits: 6

The primary objective of this course is to develop an understanding of human sexual behaviour in contemporary society. The course includes a look at past cultural traditions which influence present norms and values, the importance of sex roles in shaping sexual behaviour and the concerns of sex education both in the home and at school. *Offered in 2004-2005.*

**SOCI 2506 Social Problems**

Prerequisite: SOCI 1015

Hours: Three hours of lecture per week for one term.

Credits: 3

The course is concerned with a theoretical and empirical examination of major contemporary social problems and their international and national interconnections. Such problems as poverty, effects of industrialization, living and working conditions, population growth, alienation and urbanization, are discussed. Various views/programs generated to deal with such problems are also be analysed and evaluated. This course may be credited towards Social Welfare. *Offered in 2004-2005.*

**SOCI 3027 Interpersonal Communication**

Prerequisite: SOCI 1015

Hours: Three hours of lecture per week for one term.

Credits: 3

The purpose of this course is to investigate interpersonal communication and the role of language in the socialization and interaction processes. Attention is given to the dimensions of meaning such as connotation, denotation and structure, the intent of communication, the role of interpersonal communication in conflict resolution, groups and the problems of cross-cultural communication. Various communication models are investigated as well as problems of measurement.

**SOCI 3045 Urban Sociology**

Prerequisite: SOCI 1015

Hours: Three hours of lecture per week.

Credits: 6

The city and its role and functions in pre-industrial and industrial society are analysed. Process of industrialization, urbanization and suburbanization; the dynamic relationship between rural and urban areas; patterns of social organization in urban society; planned and unplanned change in the urban environment.

**SOCI 3065 Social Stratification**

Prerequisite: SOCI 1015

Hours: Three hours of lecture per week.

Credits: 6

This course traces the elementary forms of stratification in non-industrial societies to the development of social classes, attitudes, and behaviour patterns in Western societies. Social mobility is discussed. *Offered in 2004-2005.*

**SOCI 3075 Mass Culture and Mass Media**

Prerequisite: SOCI 1015

Hours: Three hours of lecture per week.

Credits: 6

The role of mass media such as radio, press, magazines, television and movies on modern society is studied. Mass media as a means of social control and socialization. The effects of mass media on political, social and economic behaviour. *Offered in 2004-2005.*

**SOCI 3085 Sociology of Law**

Prerequisite: SOCI 1015

Hours: Three hours of lecture per week.

Credits: 6

This course presents a comparative and historical treatment of the socio-economic bases of legal structures. The social, political and economic implications of legal systems; law as a mechanism of social control; social and economic factors leading to differential vulnerability to legal sanctions; the political economy of "crime". *Offered in 2004-2005.*

**SOCI 3095 Canadian Society**

Prerequisite: SOCI 1015

Hours: Three hours of lecture per week.

Credits: 6

This course examines Canadian society with an emphasis on the processes of industrialization, the patterns of regional development and its ties with American and world capitalism. It profiles major institutions. Special attention is given to English Canada-Quebec relations and to northern Ontario.



**SOCI 3125 Research Methods and Data Analysis**

Prerequisite: SOCI 1015

A student in a degree program cannot retain credit for more than nine credits of introductory statistics courses.

Anti-requisite: SOCI 2055, SOCI 2125, SOCI 2126

Hours: One and one-half hours of lecture and one and one-half hours of lab work per week.

Credits: 6

This course is an overview of research methods and data analysis in Sociology. A variety of research designs are integrated with the statistical analysis of data. Students complete a project through the computerized analysis of data using statistical software. The course is taught through lecture and computer lab and is normally taken during the third year of the program. *Offered every year. Also offered in Spring 2004.*

**SOCI 3166 Social Epidemiology**

Prerequisite: SOCI 1015

Hours: Two hours of lecture and one hour of laboratory work per week for one term.

Credits: 3

This course will examine the history and development of social (as opposed to clinical) epidemiology through its four major components: description, analysis, intervention and evaluation. The modern transition to population-based research and planning will be presented, with emphasis on the applications of social epidemiology to health planning, the development of public health policy and health promotion. *Offered in 2004-2005.*

**SOCI 3186 Health and the Family**

Prerequisite: SOCI 1015 or enrolment in the Bachelor of Science in Nursing.

Hours: Three hours of lecture per week for one term.

Credits: 3

This course will introduce students to the important role of the family in health care. It will begin with an overview of major sociological approaches to the family and how these can improve our understanding of changes and trends in the family structure. Building on this foundation, the course will go on to explore the family as one of the institutional contexts for health in modern society. Specific topics include: the role of the family in providing supportive health care; the family as a source of social support; and how family issues, such as domestic violence, child abuse, and relationship dissolution relate to health care. Finally, the course will explore the implications of an aging family system for the health care system in Canada. *Offered in 2004-2005.*

**SOCI 3195 Sociology of Medicine**

Prerequisite: SOCI 1015

Hours: Three hours of lecture per week.

Credits: 6

Social and cultural aspects of disease and illness are studied: practitioner-client relationships and recruitment to the medical and paramedical professions; the hospital and other medical organizations; and the effects of political and economic structure on medical care.

**SOCI 3205 Social Demography**

Prerequisite: SOCI 1015

Hours: Three hours of lecture per week.

Credits: 6

This course provides a comprehensive introduction to the theory and methods of social demography. The focus of the course is on understanding and measuring key social demographic variables and how these affect population growth, composition, and structure. The course also examines several sociological issues related to population such as urbanization, family change, population aging, development, and the environment. *Offered in 2004-2005.*

**SOCI 3225 Sociology of Development**

Prerequisite: SOCI 1015

Hours: Three hours of lecture per week.

Credits: 6

The theories of socio-economic development are examined, with emphasis on relations between socio-economic development and the demographic, cultural and social condition which promote or retard this development. Social conflict as a catalyst or obstacle to development. Ideologies of development and myths. *Offered in 2004-2005.*

**SOCI 3246 Gender and International Development**

Prerequisite: SOCI 1015 or any course in, or cross-listed with, Gender Equality and Social Justice.

Anti-requisite: SOCI 3245

Hours: Three hours of lecture per week for one term.

Credits: 3

This course introduces students to the literature, theoretical questions and debates on gender and the development process. It focuses on gender relations in countries conceptualized as developing nations of the Third World, but also studies selected cases of regional underdevelopment in developed countries. Class discussions will highlight the impact of development programs and policies, as well as women's struggles to shape their histories. This course may be credited towards Gender Equality and Social Justice. *Offered in 2004-2005.*

**SOCI 3307 Social Problems: Legal Issues**

Prerequisite: SOCI 1015

Hours: Three hours of lecture per week for one term.

Credits: 3

This course is designed to investigate legal social problems such as legal aid, language laws, prostitution, pornography, environment, freedom, civil liberties, and medical technology.

**SOCI 4005 Independent Studies**

Prerequisite: Restricted to students in the fourth year of the Honours Sociology program and approval of the discipline is required prior to registration. *Students wishing to take this course during the following Spring/Summer or Fall/Winter Session must apply in writing to the discipline no later than February 15.*

Credits: 6

This course provides an opportunity for qualified students to do special studies in the field of sociology beyond or outside of the regular discipline offerings. Written work and periodic discussions are required.

**SOCI 4015 Advanced Sociological Theories**

Prerequisite: SOCI 2015

Hours: Three hours of lecture per week.

Credits: 6

This course provides a systematic and critical analysis of selected theories in contemporary sociology. *Offered every year.*

**SOCI 4025 Advanced Research Methods**

Prerequisite: SOCI 3125

Hours: Three hours of lecture per week.

Credits: 6

The purpose of the course is to extend the student's understanding of advanced research designs, descriptive and inferential statistics and the analysis of sociological data by means of computers. *Offered every second year. Offered in 2004-2005.*

**SOCI 4095 Research Essay**

Prerequisite: Restricted to students in the fourth year of the Honours Sociology program and approval of the discipline is required prior to registration. *Students wishing to take this course during the following Spring/Summer or Fall/Winter Session must apply in writing to the discipline no later than February 15.*

Credits: 6

To fulfil the requirement of this course, the student must submit an essay based on research. Various forms of research, e.g. survey, interview, secondary analysis of existing data or studies may be proposed. The work is to be carried out under the supervision of a member of the discipline and involves a public presentation of the main findings. *Offered every year.*

**SOCI 4126 Survey Research**

Prerequisite: SOCI 3125 and restricted to students in the fourth year of the Honours Sociology program.

Anti-requisite: SOCI 3005

Hours: One and one half hours of lecture and one and one half hours of laboratory work per week for one term.

Credits: 3

This course will familiarize students with all aspects of survey research in sociology. Students will learn how to plan sample surveys and to design questionnaires for different media (e.g. mail, internet, self-completion, and face-to-face). Specific issues for the course will include sampling theory and practice, and reliability and validity as they apply to survey research. Statistical techniques for analysing survey data and for assessing reliability and validity will be examined using SPSS. *Offered every second year. Next offered in 2005-2006.*

**SOCI 4127 Multivariate Statistics**

Prerequisite: SOCI 3125 and restricted to students in the fourth year of the Honours Sociology program.

Anti-requisite: SOCI 3005, PSYC 3257

Hours: One and one half hours of lecture and one and one half hours of laboratory work per week for one term.

Credits: 3

In this course students will examine several multivariate statistical techniques that are commonly used to analyse survey data and large data sets. Specific topics will include multiple regression, logistic regression, factor analysis, ANOVA, and event-history analysis. *Offered every second year. Next offered in 2005-2006.*

**SOCI 4295 Selected Topics in Sociology**

Prerequisite: Restricted to students in the fourth year of the Honours Sociology program.

Hours: Three hours of lecture/seminar per week.

Credits: 6

This seminar course provides advanced coverage of particular topics in sociology. The content varies according to the specialization of the faculty teaching the course. Topic: International Public Health. *Offered in 2004-2005.*

**Cross-Listed Courses**

The following courses may be credited towards Sociology: CRJS 3336, CRJS 3926, CRJS 3927, CRJS 4466, CRJS 4926, CRJS 4927, GEND 2156, GEND 2157, GEND 3127, GEND 3206, RLCT 2016, RLCT 2017, SOSC 2106, and six credits in upper level Anthropology.

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## Spanish

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This discipline is not offered as a degree, but the courses in Spanish may be credited as electives in any other degree program.

### Spanish Courses

#### **ESPA 1005 Introductory Spanish**

Prerequisite: No prerequisite.

Students with OAC/4U credit or with native speaking ability will not be permitted to complete this course for credit.

Hours: Three hours of lecture per week.

Credits: 6

The basic elements of Spanish grammar are studied. Development of the four language skills: reading, listening-comprehension, writing and speaking. *Offered in 2004-2005. Also offered in Spring 2004.*

#### **ESPA 2005 Intermediate Spanish**

Prerequisite: ESPA 1005 or equivalent

Hours: Three hours of lecture per week.

Credits: 6

The principles of grammar are reviewed: intensive practice in conversation, composition, and translation. Study of literary and cultural materials. Laboratory work concentrates on practice in pronunciation, grammar, and listening-comprehension. The course is conducted mainly in Spanish. *Offered in 2004-2005.*

#### **ESPA 2705 An Introduction to Hispanic Culture and Civilization**

Prerequisite: No prerequisite.

Hours: Three hours of lecture per week.

Credits: 6

This course provides an introduction to the history and civilization of Spain and Spanish America from pre-Roman times to the present day, through a study of the land and its people, including social, political, cultural and artistic developments.

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## University Success

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This discipline is not offered as a degree, but the course in University Success may be credited as an elective in any other degree program.

### University Success Course

#### **UNIV 1011 Student Success: Theory and Practice**

Prerequisite: No prerequisite.

This course is normally restricted to students enrolled in their first 30 university credits.

Hours: Three hours of lecture per week for one term.

Credits: 3

This introductory course is designed to help students understand and integrate effectively to the university environment, through the development of attitudes, skills and knowledge which promote success in higher education. Students will explore and examine methods for achieving success which are grounded in theory drawn from various disciplines and human development models related to academic, personal and social growth. Topics include learning styles and study skills, research and library skills, critical thinking, communication skills, time and stress management, health and wellness, career planning and job search and academic planning. This course is team taught, using a variety of instructional methods. Small class sizes ensure individual attention and encourage collegiality.

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## Women's Studies

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Note: All Women's Studies courses have been re-named Gender Equality and Social Justice. Please refer to that section of the academic calendar for course descriptions.

**Disclaimer:**

Not every course listed in this Calendar is offered every year. Where possible, course cycling has been indicated.

## Spring and Summer Session 2004

With the introduction of our Spring Session program in 1974, the variety and number of course offerings available during spring and summer has greatly increased.

The selection of courses is made in response to students' requirements and student interest, with the general intention being to provide new courses not available during the Fall/Winter Session. Special attention is given to securing visiting faculty who are experienced and expert in their disciplines.

Spring Session courses are offered for a period of eight weeks (May and June); each course meets nine hours each week. Summer Session courses are offered for six weeks (July to August); each course meets for three hours each weekday for four days.

### Academic Regulations

1. Part-time students cannot take more than 30 credits in any three consecutive sessions.
2. Students registered in Spring Session cannot take more than 12 credits.
3. Students registered in Summer Session cannot take more than 12 credits.
4. Students on probation or on a restricted course load may only register in a maximum of six credits in each of Spring and Summer Session.

Note: Correspondence course credits will be counted toward the maximum of 12 credits in each of Spring and Summer Session.

The following is a list of courses which may be offered in Spring and Summer Session 2004. Please refer to the Calendar section entitled "Programs and Courses" for course descriptions. For further information on these courses contact the Office of the Faculty of Arts and Science.

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## Spring Session May 3 - July 2, 2004

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### Main Campus

ADMN 3046	Operations Management
ADMN 4896	Current Topics in Administration: Project Management
ASTR 1010	Introduction to Astronomy
BIOL 3007	Environmental Issues in Forestry
BIOL 3717	Animal Behaviour
COSC 1901	Computer Applications I
COSC 1902	Computer Applications II
ENGL 1501	Language and Written Communication I
ENGL 2535	Studies in Shakespeare
ENSC 3007	Environmental Issues in Forestry
ESPA 1005	Introductory Spanish
FILM 2105	World Cinema
GEND 2006	Gender and Education I
GEND 2007	Gender and Education II

GEND 2406	Gender and Performance I
GEND 2407	Gender and Performance II
GEOG 3826	A Geography of Latin America
GEOG 4977	Human Geography Field Camp
HIST 1205	Europe Since 1500
HIST 2055	History of Ancient Civilizations
PHIL 1115	Introduction to Philosophy
PSYC 2126	Scientific Method and Analysis I
PSYC 2127	Scientific Method and Analysis II
PSYC 2705	Motivation and Emotion
RLCT 1025	Introduction to World Religions and Cultures
SOCI 2095	Sociology of Education
SOCI 3125	Research Methods and Data Analysis
SWLF 3405	Concepts of Wellness in First Nations' Communities

### Muskoka Campus

ANTR 2025	Elementary Archaeology
SOCI 2095	Sociology of Education
SWLF 3805	Abuse and Violence Within the Family

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## Summer Session July 5 - August 18, 2004

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### Main Campus

ADMN 4897	Current Topics in Administration II: Introduction to Intercultural Management
ANTR 1005	Introduction to Anthropology: Understanding Humankind
CLAS 2506	Greek Art and Architecture
CLAS 2507	Roman Art and Architecture
ENGL 1501	Language and Written Communication I
ENGL 2445	Children's Literature
HIST 3375	A History of Business in Canada
PHIL 2525	Contemporary Moral Issues
PSYC 2006	Childhood Development
PSYC 2007	Adult Development
SOCI 2035	Sociology of the Family

### Muskoka Campus

CLAS 2005	Classical Mythology
GEOG 1016	Introduction to Human Geography

# Faculty of Education



# Teacher Education in North Bay

The history of teacher education in North Bay began in 1909 with the opening of the North Bay Normal School in the heart of town. The Normal School was renamed North Bay Teachers' College in 1953. Since 1909, over 17,000 teachers have received their professional education in North Bay. In 1972, the College moved into new quarters at the College Education Centre. One wing of the College Education Centre was carefully designed for the integration of Nipissing University College and the Teachers' College, which took place September 1, 1973.

The Faculty has a reputation for providing a rigorous teacher education program which is demanding of the student teacher and provides well-prepared teachers for Ontario schools. In keeping with this approach, the Faculty insists that the student teacher entering elementary education examine all areas of the elementary school curriculum. Student teachers entering secondary education also get an opportunity to learn and practice curriculum and teaching skills in Grades 7 and 8, in subject areas not part of their regular teaching subjects.

The mission of the Faculty of Education is to promote the professional growth of teachers through pre-service, in-service and graduate programs, and to provide educational leadership and support through consultation and research. The program aims to provide beginning teachers with an understanding of the basic philosophical, psychological and sociological foundations of education, to enable them to use a system-based approach in their teaching, and to introduce them to a rationale for curriculum design through a study of the various strands of the curriculum.

Although most graduates obtain positions in southern Ontario, the Faculty of Education at Nipissing University has a northern outlook. Northern Ontario's biculturalism is reflected in an option course in the teaching of French to English-speaking pupils. In addition, many students are attracted to the option course in the education of Native Canadians. This northern ambience maintains the loyalty of students from Northern Ontario and brings students from elsewhere who are attracted to the North.

## Bachelor of Education Degree

The Faculty of Education offers a one-year consecutive program leading to a Bachelor of Education degree. This program meets the requirements of the Ontario College of Teachers for teacher certification.

### The Ontario Certificate of Qualification

1. Qualified candidates, who successfully complete the Bachelor of Education program will be recommended for a Certificate of Qualification issued by the Ontario College of Teachers.

The Certificate of Qualification records the teacher's divisions of concentration (from Kindergarten to Grade 12) and additional qualifications.

2. The divisions in the Ontario school system are: Primary (Junior Kindergarten to Grade 3), Junior (Grades 4 to 6), Intermediate (Grades 7 to 10) and Senior (Grades 11 to 12).  
At Nipissing, Bachelor of Education students can obtain qualifications in one of the following division combinations: Primary/Junior (P/J), Junior/Intermediate (J/I) or Intermediate/Senior (I/S).
3. It should be noted that it is legal for the possessor of a Certificate of Qualification to accept a position in a division other than the one in which he/she has concentrated. This will of course be the exception to the general practice and will occur only when the teacher can demonstrate unique qualifications for such a position.

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## How to Apply

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Application for admission to full-time Bachelor of Education programs at all faculties of education is made through the Ontario Universities' Application Centre (OUAC) using the Teacher Education Application Service (TEAS) application form. The TEAS application is available on-line beginning in September through the OUAC website: [www.ouac.on.ca/teas/](http://www.ouac.on.ca/teas/). The completed application and appropriate fees must be submitted to OUAC by the date specified. Applicants must apply by early December to be considered for admission for the following September.

It is the applicant's responsibility to be aware of, and meet, all deadline dates and admission criteria for the division and teaching subjects selected. Any questions concerning this information can be clarified by contacting the Office of the Registrar.

### Required Documentation

To be eligible for admission consideration, candidates must submit the following to the Office of the Registrar:

#### Upon Application:

- a) Official transcripts from all universities attended. Foreign transcripts not written in English must be accompanied by an officially certified English translation. **Photocopies are not accepted.**
- b) Legal proof of change of name if different from that on the transcript(s) (e.g. marriage certificate).
- c) Experience Profile form. The Profile can be downloaded from the OUAC at [www.ouac.on.ca/teas/](http://www.ouac.on.ca/teas/) or from Nipissing's website at [www.nipissingu.ca](http://www.nipissingu.ca) by clicking on 'Forms'.
- d) Applicants whose first language is not English will be required to submit the results from either the Test of English as a Foreign Language (TOEFL) including the Test of Written English (TWE) component or the International English Language Testing System (IELTS).

The required minimum score for TOEFL is 600 on the paper-based test or 250 on the computer-based test with a minimum score of 5.5 on the TWE. The test is administered by the Educational Testing Service: [www.toefl.org](http://www.toefl.org)

The requirement for IELTS is a minimum overall score of 7 with scores of at least 6.5 in reading and listening and scores of at least 7 in writing and speaking. The test is administered by IELTS Test Centre Canada: E-mail: [ielts@conestogac.on.ca](mailto:ielts@conestogac.on.ca)



## Basic Admission Requirements for the Bachelor of Education Degree

It is the policy of Nipissing University to encourage applications from qualified applicants who are Aboriginal, members of visible minorities and differently-abled persons.

Enrolment in the Bachelor of Education program is limited to approximately 700 students. Selection of candidates is based primarily on academic achievement, but the Faculty takes experiential qualifications into consideration in the final selection process. Candidates are required to use only the Nipissing Experience Profile form.

Candidates must complete the requirements for an acceptable undergraduate degree prior to registration. The academic average for admission consideration will be calculated on the best 15 full university courses (90 credits) not including college transfer courses. If an applicant presents more than 25 full university courses, only the first 25 full university courses will be considered. Applicants with a graduate degree will have a maximum of 5 full graduate courses included in their average.

The academic average for candidates who have not completed 15 full undergraduate courses will be calculated on those courses completed by December 31. Normally a minimum of 10 full university courses or more (not including college transfer courses) is required. Please refer to the divisions listed below for any additional admission requirements.

### Aboriginal and Early Childhood Education (ECE) Candidates

Up to 20 places are reserved for Aboriginal candidates. These candidates must follow the prescribed application procedures and send proof of Aboriginal status to the Office of the Registrar. A limited number of places are available in the Primary/Junior division for candidates who hold an undergraduate degree plus an ECE diploma or hold an undergraduate degree specializing in child studies. Further information on these admission policies is available from the Assistant Registrar - Admissions.

### Divisions

The following divisions are offered in the one-year Bachelor of Education program:

#### Primary/Junior

This division prepares the candidate to teach from Junior Kindergarten to Grade 6. Candidates do not choose teaching subjects.

#### Junior/Intermediate

This division prepares the candidate to teach from Grade 4 to Grade 10 with specific preparation in one teaching subject. Candidates must have at least three full undergraduate courses (18 credits) in the teaching subject selected. Teachable subjects offered at Nipissing are:

Computer Science	Mathematics
English (First Language)	Music - Instrumental
French (Second Language)	Religious Education (Catholic)
Geography	Science - General
Health and Physical Education	Visual Arts
History	

#### Note:

- English - English remedial courses will not be considered. At Nipissing these courses include ENGL 1501/1502, ENGL 1551/1552, ENGL 1560.
- French - Candidates who choose French as a teaching subject must also successfully complete the French Language Proficiency Test (both oral and written components).
- Instrumental Music - The prerequisite is three full undergraduate courses all of which must be performance courses. Candidates will be considered based on academic background and experience in the discipline.
- Mathematics - Only Mathematics courses with OAC/12U prerequisites will be considered (e.g. MATH 1911/1912, MATH 1257 will **not** be considered).
- Religious Education - Please note that this teaching subject prepares teachers of Religious Education in Roman Catholic schools. Roman Catholic Boards of Education require that student teachers be of the Catholic faith.
- Visual Arts - The prerequisite is three full undergraduate courses all of which must be studio courses. Examples of studio courses are courses such as painting, drawing, sculpture, etc. Candidates will be considered based on academic background and experience in the discipline.

#### Intermediate/Senior

This division prepares the candidate to teach from Grade 7 to Grade 12 with specific preparation in two teaching subjects. Candidates must have at least five full undergraduate courses (30 credits) in the first teaching subject selected and at least three full undergraduate courses (18 credits) in the second teaching subject.

The following teaching subjects are offered at Nipissing:

Accounting	History
Biology	Information Management
Chemistry	Mathematics
Computer Science	Music - Instrumental
English (First Language)	Physics
French (Second Language)	Religious Education (Catholic)
Geography	Visual Arts
Health and Physical Education	

#### Note:

- Business Studies - Accounting - A first teaching subject requires three full undergraduate courses from the specific subject area and an additional two full undergraduate courses from a related business area. A second teaching subject requires two full undergraduate courses from the specific subject area and one additional full undergraduate course from a related business area.
- English - English remedial courses will not be considered. At Nipissing these courses include ENGL 1501/1502, ENGL 1551/1552, ENGL 1560.
- French - Candidates who choose French as a teaching subject must successfully complete the French Language Proficiency Test (both oral and written components).

- d) **Business Studies - Information Management** - A first teaching subject requires three full undergraduate courses from the specific subject area and an additional two full undergraduate courses from a related business area. A second teaching subject requires two full undergraduate courses from the specific subject area and one additional full undergraduate course from a related business area. Information Management involves teaching the use of information technology from a business studies perspective. University courses considered for admission to Business Studies - Information Management are courses such as computer applications, database management, information systems, spreadsheet applications, networking, etc.
- e) **Instrumental Music** - Candidates must present the required number of courses including a minimum of three full undergraduate performance courses.
- f) **Mathematics** - Only Mathematics courses with an OAC/12 U prerequisite will be considered (e.g. MATH 1911/1912, MATH 1257 will **not** be considered).
- g) **Religious Education** - Please note that this teaching subject prepares teachers of Religious Education in Roman Catholic schools. Roman Catholic Boards of Education require that student teachers be of the Catholic faith.
- h) **Visual Arts** - Candidates must present the required number of courses including a minimum of three full undergraduate studio courses. Examples of studio courses are courses such as painting, drawing, sculpture, etc.

## Required Documentation

### Prior to Registration:

- An official transcript showing that an approved degree has been conferred;
- Legal proof of change of name (if not provided upon application) if different than that on the birth certificate (e.g. marriage certificate);
- Proof of freedom from active tuberculosis within the past year is required;
- Criminal Reference Check required for practicum.

**Note:** In order to receive an Ontario Certificate of Qualification, graduates will be required to provide the College of Teachers with proof of Canadian citizenship or status as a permanent resident under the Immigration Act (Canada) as well as a criminal record check.

## Registration Procedures and Regulations

Those admitted to the Bachelor of Education program will be sent a registration package in early summer. The deadline date for receipt of the registration form at the Office of the Registrar is July 30, 2004. Students not registered by this date forfeit their offer of admission.

Nipissing University has implemented a mobile computing initiative within its Faculty of Education. Under this initiative, all students and faculty members within the Faculty will be required to lease a laptop computer from Nipissing University. The program is intended to enrich the already strong education-

al experience in preparing teachers of tomorrow for the teaching environment of the future. This laptop program commenced in the 2002-2003 academic year with the Junior/Intermediate division and was expanded each year to include an additional division. All students in the program now take part in the mobile computing initiative. For further information, please contact the Faculty of Education Office.

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## Academic Regulations/ Information

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The following regulations apply to students registered in the Bachelor of Education program.

### Academic Advising

Students in the Faculty of Education who need advice on any academic matter should consult with the Office of the Dean of Education.

### Academic Dishonesty

The University takes a very serious view of such offenses against academic honesty as plagiarism, cheating, and impersonation. Penalties for dealing with such offenses will be strictly enforced. The complete policy on Academic Dishonesty is in the Policies section of the Calendar.

### Academic Standing

Credit is not retained for passed courses in a failed year in the Bachelor of Education program.

### Aegrotat Standing

Aegrotat standing (credit granted with incomplete course work) will be considered only in exceptional circumstances (usually only in cases of serious illness) and if term work has been of high quality.

### Appeals

Please refer to the Policies section.

### Attendance

Punctual and regular attendance is essential for the successful completion of a course. Students who do not demonstrate regular attendance may be required to withdraw from the Bachelor of Education program unless medical documentation or other authorized documentation, deemed appropriate by the Faculty, is received. This policy may be implemented if a student is absent more than the number of hours indicated (approximately 20% of the total hours) in connection with any one of the courses or course components listed below:

Components	Hours Absent
Language Arts	14
Education and Schooling	7
Special Education/Educational Psychology	7

Music	5
Science	5
Math – J/I	5
Math – P/J	7
Health and Physical Education	5
Art	5
Social Studies	5
Computers	2
Management	2
Methods	11
Language Across Curriculum	2
Curriculum Development and Evaluation (includes CIs)	12
Each Elective	7

## Class Hours

Education students, depending on their division, will have from 21 to 29 class hours per week during their course work at the University.

## Course Identification

Nipissing University courses are numbered as follows:  
 Four letters to indicate the department or subject;  
 Four numbers to designate the course;  
 Two letters to indicate the time of year  
 Three numbers to indicate the section - BEd course section numbers range between 100 - 199

### Example

<b>EDUC</b>	<b>4486</b>	<b>FW</b>	<b>100</b>
Department	Course Number	Time of Year	Section

Unless otherwise designated in the course description, courses whose last digit is a 4 will have a value of 5 credits; courses whose last digit is a 5 will have a value of 6 credits; courses whose last digit is a 6 or 7, will have a value of 3 credits.

## Determination of Final Grade

- A student's grade in each course will be based upon the year's work and the final examination;
- The final examination will not make up more than 70% or less than 30% of the final grade in each course;
- The instructor will discuss with the class the basis for assessment specifying the relative weight of each examination, test, in-class activity and written assignment;
- The instructor will also specify which assignments must be completed in order to receive a grade in the course;
- The method of determining final grades is to be discussed with students within the time frame Senate has approved for late course registration;
- The instructor must inform students of their standing prior to the date for honourable withdrawal from the course. If no written term work has been evaluated by that date, the information shall be given in the form of a written statement of the student's standing;
- The instructor is required to return to students all written work, other than final examinations, which has been submitted for evaluation purposes. Students may discuss with their instructor the work presented, the comments made, and the grade assigned;

- Final evaluation submissions are not returned to students but are kept on file by the Office of the Registrar for six months after the publication of Grade Reports;
- For each course, a final marks sheet is completed, signed by the instructor and submitted to the Dean of Education for approval within five calendar days of the exam. The Dean of Education's signature indicates that the marks submission is consistent with existing practices and policies of the Faculty;
- Revisions to any previously-assigned grade are submitted in writing for the approval of the Dean of Education, together with the reasons for such revisions. Grades are not official until they have been approved by the Dean of Education and released by the Office of the Registrar;
- The final marks issued by Nipissing University are the only ones accepted as binding.

## Letter Grades and Grading Standards

"A" – (80–100%)

"B" – (70–79%)

"C" – (60–69%)

"D" – (50–59%)

"F" – (0 – 49%)

"A" indicates *Exceptional Performance*: comprehensive in-depth knowledge of the principles and materials treated in the course, fluency in communicating that knowledge and independence in applying material and principles.

"B" indicates *Good Performance*: thorough understanding of the breadth of materials and principles treated in the course and ability to apply and communicate that understanding effectively.

"C" indicates *Satisfactory Performance*: basic understanding of the breadth of principles and materials treated in the course and an ability to apply and communicate that understanding competently.

"D" indicates *Minimally Competent Performance*: adequate understanding of most principles and materials treated in the course, but significant weakness in some areas and in the ability to apply and communicate that understanding.

"F" indicates *Failure*: inadequate or fragmentary knowledge of the principles and materials treated in the course or failure to complete the work required in the course.

"I" indicates *Incomplete*.

"W" indicates *Withdrawal* with permission.

## Final Examinations

Final examinations for each course are mandatory, except where otherwise approved by Senate, and are scheduled by the Office of the Dean of Education. Final examinations for classes held at night will usually be scheduled during the day. Final examinations constitute a minimum of 30% and a maximum of 70% of the final grade. Punctual and regular attendance is essential for the successful completion of a course. When absenteeism exceeds 20%, the student may be excluded from writing the final examination.

Copies of previous final examinations for all courses offered by Nipissing University will be made available to students except where otherwise approved by Senate.

Final examinations for three-credit courses will be two hours, and examinations for five-credit and six-credit courses, three hours.

### Final Standing

The following regulations apply to students registered in the Bachelor of Education program.

To qualify for the Bachelor of Education degree in the Primary/Junior Division and to qualify for a Certificate of Qualification, a candidate must obtain a pass in EDUC 4684 (Observation and Practice Teaching) and obtain a minimum overall average of 70% in the following courses: EDUC 4102, EDUC 4103, EDUC 4454, EDUC 4114, EDUC 4124, EDUC 4134, with at least 60% in each. The average is a weighted average based upon course credits. Option course grades are not included in the average.

#### Weighted Average Calculation – An example:

Course	Credits	Course Grade	Weighted Grade
EDUC 4102	3	74% x 3	222
EDUC 4103	3	72% x 3	216
EDUC 4454	5	75% x 5	375
EDUC 4114	5	70% x 5	350
EDUC 4124	5	80% x 5	400
EDUC 4134	5	80% x 5	400
<b>Totals:</b>	<b>26</b>		<b>1963</b>

Program Average: 1963 divided by 26 = 75.5%

To qualify for the Bachelor of Education degree in the Junior/Intermediate Division and to qualify for a Certificate of Qualification, a candidate must obtain a pass in EDUC 4694 (Observation and Practice Teaching) and obtain a minimum overall average of 70% in the following courses: EDUC 4202, EDUC 4203, EDUC 4464, EDUC 4214, EDUC 4224, EDUC 4234, and in a teaching elective with at least 60% in each. The average is a weighted average based upon course credits. Students in the Junior/Intermediate Division must obtain at least 60% in one of the listed electives. Option course grades are not included in the average.

#### Weighted Average Calculation – An example:

Course	Credits	Course Grade	Weighted Grade
EDUC 4202	3	74% x 3	222
EDUC 4203	3	72% x 3	216
EDUC 4464	5	75% x 5	375
EDUC 4214	4	70% x 4	280
EDUC 4224	4	80% x 4	320
EDUC 4234	4	80% x 4	320
EDUC 4446 (Elec)	3	75% x 3	225
<b>Totals:</b>	<b>26</b>		<b>1958</b>

Program Average: 1958 divided by 26 = 75.31%

To qualify for the Bachelor of Education degree in the Intermediate/Senior Division and to qualify for a Certificate of Qualification, a candidate must obtain a pass in EDUC 4355 (Observation and Practice Teaching) and obtain a minimum overall average of 70% in the following courses: EDUC 4306, EDUC 4307, EDUC 4315, EDUC 4325, and in two subject pairings chosen as electives in the Intermediate/Senior Division, with at least 60% in each course. Option course grades are not included in the average.

### Weighted Average Calculation - An example:

Course	Credits	Course Grade	Weighted Grade
EDUC 4306	3	74% x 3	222
EDUC 4307	3	72% x 3	216
EDUC 4315	5	75% x 5	375
EDUC 4325	5	70% x 5	350
EDUC 4406 (Elec)	3	80% x 3	240
EDUC 4407 (Elec)	3	80% x 3	240
EDUC 4416 (Elec)	3	75% x 3	225
EDUC 4417 (Elec)	3	75% x 3	225
<b>Totals:</b>	<b>28</b>		<b>2093</b>

Program Average: 2093 divided by 28 = 74.75%

The final practice teaching grade (EDUC 4684/EDUC 4694/EDUC 4355) is the result of the gradings given by the Associate Teachers and all professors who completed an evaluation in the graded weeks.

### French Language Proficiency Test

All candidates who wish to take French as a Second Language courses in the Faculty of Education must successfully complete the French Language Proficiency Test. The test consists of an oral interview of approximately 15 minutes with two evaluators. The written test consists of 75 grammar questions and a paragraph for style. The passing mark is 70% on both the oral and written components. A testing fee of \$32 (non-refundable) payable to Nipissing University at the Finance Office is required.

#### Testing will be done on the following dates:

- Friday, March 5, 2004 9:30 a.m.
  - Saturday, April 17, 2004 9:30 a.m.
  - Friday, April 30, 2004 9:30 a.m.
  - Saturday, May 15, 2004 9:30 a.m.
  - Friday, June 18, 2004 9:30 a.m.
  - Friday, July 9, 2004 9:30 a.m.
  - Wednesday, August 25, 2003 5:00 p.m.
- (Available only to option course FSL 1)

Candidates must indicate on their cheque the date they wish to try the exam. The Finance office must receive the cheque one week prior to the date chosen.

Each candidate can apply to be retested once. The fee for retesting is \$48 (non-refundable).

### Incomplete Grades

In exceptional circumstances, a student may request consideration for an Incomplete grade (I). Such a request must be submitted in writing, through the instructor to the Dean of Education, together with reasons for the request.

Any student assigned an Incomplete grade must complete all course requirements within one month after the end of the examination period. If after that period the course is not completed or an extension has not been granted by the Dean of Education, a grade “F” will be recorded on the student’s academic record.

In order to be considered for an extension of the completion date beyond the normal one month period, a student must submit a written request to the Dean of Education, through the instructor, explaining the reasons for such an extension. Under no circumstances may a completion date exceed six months from the end of the examination period.

### Release of Final Grades

Final grades will be withheld from any student who has an outstanding account at the University or Library and such students will forfeit their right to appeal grades.

### Review of Final Examinations

Students may request in advance to view their examination papers in the Office of the Registrar. Upon request by a student, and at a time mutually agreed upon by the instructor and student, the instructor shall review the examination paper in the presence of the student. The closing date to request reviews is one month after the release of marks.

### Special Final Examinations

Students who are unable to write final examinations because of illness or other circumstances beyond their control, or whose performances on the examination has been impaired by such circumstances, may on application, be granted permission to write a special final examination. Such application must:

1. be made in writing to the Dean of Education not later than one week after the date of the examination; and
2. be fully supported in the cases of illness by a medical certificate or by the appropriate documents in other cases.

The petition for such special examinations must be filed within a week of the day of the regular examination.

There will normally be a fee for special examinations.

### Transcripts of Records

Graduates will be given one transcript of their academic record. Other requests for official transcripts must be made through the Office of the Registrar. The fee for transcripts is published in the Fee Section (see Charges and Fees in the index) of this Calendar, and is due before the request will be processed. Transcripts must be requested in writing or in person; telephone requests will not be accepted.

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## Basic Program for Students Concentrating in the Primary and Junior Divisions

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### Foundations:

- EDUC 4102 Education and Schooling (Primary/Junior)
- EDUC 4103 Educational Psychology and Special Education (Primary/Junior)

### Curriculum:

- EDUC 4114 Curriculum Studies 1 (Primary/Junior)
- EDUC 4124 Curriculum Studies 2 (Primary/Junior)
- EDUC 4134 Curriculum Studies 3 (Primary/Junior)
- EDUC 4454 Curriculum Methods (Primary/Junior)

### Practicum:

- EDUC 4684 Observation and Practice Teaching (Primary/Junior)

### Option Courses:

The following additional courses are offered to interested students. These courses are taken concurrently with the one-year program and are in addition to it. A student may take one of the option courses - French as a Second Language, Part 1, Mental Health Issues in School Populations, Kindergarten: Curriculum Theory and Practice, Music Education through Technology, Outdoor and Experiential Education or Education of Native Canadians.

- EDUC 1515 French as a Second Language
- EDUC 4683 Mental Health Issues in School Populations
- EDUC 4706 Kindergarten: Curriculum Theory and Practice
- EDUC 4916 Outdoor and Experiential Education
- EDUC 4707 Music Education through Technology
- EDUC 4986 Education of Native Canadians

Students may also choose to take the following option:

- EDUC 1526 Religious Education in the Roman Catholic Separate Schools.

Students intending to teach in the Separate School Boards should be aware that preference in hiring will be given to students with a pre-service Religious Education course.

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## Course Descriptions – Primary/Junior

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### EDUC 4102 Education and Schooling (Primary/Junior)

Credits: 3

Education and Schooling (Primary/Junior) is designed to enhance the knowledge, understanding, and skill of teacher-candidates in the area of the philosophical, historical, legal, and social context of schooling and education. Through readings, dialogue, observation, seminars, and reflection, you will be encouraged to discover the multifaceted nature of modern classroom teaching and to discover and understand who you are as "teacher". The intent of this course is thus to offer materials and experiences through which a strong foundation for professional teaching can be developed.

### EDUC 4103 Educational Psychology and Special Education (Primary/Junior)

Credits: 3

In this course, candidates are introduced to the fields of Educational Psychology and Special Education. Topics will be selected from guidance and counselling, human development, theories of learning, cognition in children and adolescents, motivation, and psychological and educational assessment in school settings. An overview of special education services in Canada will be provided, with a focus on Ontario. Candidates will receive an overview of the types of exceptionalities that students may present. An introduction will be provided to the processes used to identify students with exceptionalities and plan individual programs. The range of special education services typically available in school systems will be discussed.

**EDUC 4114 Curriculum Studies 1 (Primary/Junior)**

Credits: 5

Language - psychological and sociological factors influencing language learning; the language processes (listening, speaking, reading, writing); usage and grammar as functions of children's communication needs; current theories of reading instruction; expressive, transactional and poetic writing; children's literature; developmental programs in listening, speaking, reading and writing. Drama - drama as an expressive art; dramatic play, mime, improvisation, story drama, program development in drama.

**EDUC 4124 Curriculum Studies 2 (Primary/Junior)**

Credits: 5

A study of curriculum development in the Primary and Junior Divisions in the following areas: Health and Physical Education - an examination of curriculum components that constitute a balanced health and physical education program for children in the Primary and Junior Divisions; participation in activities that promote growth in the four developmental channels of health and physical education; an investigation of current approaches designed to meet individual needs of children. Visual Arts - an introduction to art education with a focus on the interdependent relationships among contemporary art education, philosophy, psychology, methodology and art content; studio activities which will provide first-hand experience with a variety of art materials, tools, processes and techniques pertinent to the classroom. Music - a study of music curricula which promotes aesthetic development through experiences in singing, playing, listening, creating, moving and dramatizing; an examination of systems which develop the skills of reading and writing the language of music.

**EDUC 4134 Curriculum Studies 3 (Primary/Junior)**

Credits: 5

A rationale for curriculum design particular to mathematics, science and social studies; curriculum guidelines established by the Ministry of Education and Training for the Primary and Junior Divisions; planning appropriate curriculum units. A study of the aims, scope, sequence and structure of each subject area; media and materials particular to each area. Mathematics - the underlying structures and unifying principles of mathematics; the development of basic mathematical concepts in students in the Primary and Junior Divisions; an investigation of current approaches which links mathematical understanding to development in children. Science - the underlying structure and framework of principles and concepts of science and technology; the development of science processes and attitudes; an investigation of current approaches and instructional strategies which link scientific understanding to child development. Social Studies - fundamental concepts and instructional strategies in Social Studies in the Primary and Junior Division; developing an understanding of the relationship of earths' peoples with their social and physical environments in the past and present; promoting insights into the global community and its implications for the life of today's pupil.

**EDUC 4454 Curriculum Methods (Primary/Junior)**

Credits: 5

The course consists of three separate components - methods, management and computers. The methods component consists of a study of teaching and learning in the Primary and Junior Divisions. It includes a range of approaches to develop instruction, implementation and evaluation strategies. The management component identifies strategies appropriate to the developmen-

tal needs of JK-6 learners and the particular situation, uses a practical and theoretical framework for understanding and managing social interactions in the classroom and develops a personal proactive plan for classroom management. The computer component provides an introduction to the roles of information technology in teaching and learning.

**EDUC 4684 Observation and Practice Teaching (Primary/Junior)**

Credits: 5

An examination of the basic components of the practicum including functions, roles, responsibilities and related skills; field experiences conducted in the elementary schools for the equivalent of thirteen weeks throughout the academic year.

Students are assigned to schools according to their selected divisions of concentration. Associate teachers are selected annually from the staffs of the public and separate schools and certain First Nations' schools.

In order to practice teach in Ontario schools, students must provide a clear criminal reference check.

**Option Courses:**

The following option courses are offered to interested students. These courses are taken concurrently with the one-year program and are in addition to it. A student may take one of the option courses - French As A Second Language, Part I, Mental Health Issues in School Populations, Kindergarten: Curriculum Theory and Practice, Outdoor and Experiential Education, Music Education Through Technology or Education of Native Canadians.

**EDUC 1515 French as a Second Language, Part I**

Credits: 6

This course is for teachers who wish to develop their linguistic competencies to prepare them to teach French in the core, intensive, or immersion programs for students in the Primary, Junior, Intermediate and Senior grades. It includes the introduction of theories of language acquisition and approaches to a second language, teaching strategies, student motivation techniques, as well as student evaluation. Teachers who successfully complete the course will be recommended for the Ontario College of Teachers additional qualification FR-SL-1.

A French Language Proficiency Test (see French Language Proficiency Test in the Index) is required.

**EDUC 4683 Mental Health Issues in School Populations**

Credits: 3

This course is for persons preparing to be educational leaders. The intention of the course is to create awareness in educational leaders of the nature of mental health issues common in school age populations. Course participants will examine means by which students experiencing mental health issues, or who come from families experiencing mental health issues, may be identified and served. Measures that can be taken by administrators to support teachers working with students experiencing mental health issues are a major focus of the course. Another major focus of the course will be the actions administrators may take to create support for students experiencing mental health issues, effective ways of working with their parents and with other agencies to better serve these students. Common concerns of teachers and administrators, such as the management of students' medications in the school setting, will be addressed.

**EDUC 4706 Kindergarten: Curriculum Theory and Practice**

Credits: 3

The context of the kindergarten classroom is unique. This course explores relevant learning theories, current research, policy changes and curriculum design for the kindergarten classroom. Teacher candidates will explore the ways in which families, member of the community, early childhood educators, and teachers interact during the education process to provide a strong foundation for students' intellectual, physical and social development. Curriculum expectations, methodology, essential elements and resources for Junior and Senior Kindergarten programs, will be examined from an integrated studies perspective.

Primary/Junior students may be given preference over others for this course.

**EDUC 4916 Outdoor and Experiential Education**

Credits: 3

This is a course where pre-service teachers will participate in experiential based activities in an outdoor setting. Through integrating curriculum (grade K-10) and interdisciplinary studies (grade 11-12), the participants will examine the knowledge, skills and values necessary to develop and implement outdoor education programs. Pre-service teachers in this option course will be involved in planning, teaching and evaluating outdoor education activities. They will spend a minimum of two weekends in an outdoor environment, have classroom instruction and participate in reflective online discussions.

**EDUC 4704 Music Education through Technology**

Credits: 3

This course will introduce students to basic music concepts through the use of MIDI technology. The primary goal is to provide students with the rudimentary skills necessary to teach music in the classroom. (Kindergarten to Grade 8)

**EDUC 4986 Education of Native Canadians**

Credits: 3

An examination of the cultural and social aspects of Native Canadian life relevant to education; the legal, historical and sociological aspects of Native Canadian education; an introduction to teaching in Native Canadian schools; practicum placement will be provided if possible.

Students may also choose to take the following option:

**EDUC 1526 Religious Education in the Roman Catholic Separate Schools**

Credits: 3

An introduction to the curriculum concepts which compose the Religious Education curriculum currently in use in the Catholic Schools of Ontario; examination of Scripture, Christian anthropology; psychology of religion; liturgy and Sacraments.

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## Basic Program for Students Concentrating in the Junior and Intermediate Divisions

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**Foundations:**

- EDUC 4202 Education and Schooling (Junior/Intermediate)
- EDUC 4203 Education Psychology and Special Education (Junior/Intermediate)

**Curriculum:**

- EDUC 4214 Curriculum Studies 1 (Junior/Intermediate)
- EDUC 4224 Curriculum Studies 2 (Junior/Intermediate)
- EDUC 4234 Curriculum Studies 3 (Junior/Intermediate)
- EDUC 4464 Curriculum Methods (Junior/Intermediate)

One of the following electives is required for students registering in the Junior/Intermediate Division:

- EDUC 4406 English (First Language)
- EDUC 4416 Computer Science
- EDUC 4436 French (Second Language)
- EDUC 4446 Geography
- EDUC 4456 History
- EDUC 4466 Mathematics
- EDUC 4476 Health and Physical Education
- EDUC 4486 Science I- (General)
- EDUC 4496 Visual Arts
- EDUC 4516 Music – Instrumental
- EDUC 4586 Religious Studies

**Practicum:**

- EDUC 4694 Observation and Practice Teaching (Junior/Intermediate)

**Option Courses:**

The following option courses are offered to interested students. These courses are taken concurrently with the one-year program and are in addition to it. A student may take one of the option courses - French as a Second Language, Part I, Mental Health Issues in School Populations, Kindergarten: Curriculum Theory and Practice, Outdoor and Experiential Education, Music Education through Technology or Education of Native Canadians.

- EDUC 1515 French as a Second Language, Part I
- EDUC 4683 Mental Health Issues in School Populations
- EDUC 4706 Kindergarten: Curriculum Theory and Practice
- EDUC 4916 Outdoor and Experiential Education
- EDUC 4707 Music Education through Technology
- EDUC 4986 Education of Native Canadians

Students may also choose to take the following option:

- EDUC 1526 Religious Education in the Roman Catholic Separate Schools.

Students intending to teach in the Separate School Boards should be aware that preference in hiring will be given to students with a pre-service Religious Education course.

## Course Descriptions – Junior/Intermediate

### **EDUC 4202 Education and Schooling (Junior/Intermediate)**

Credits: 3

Education and Schooling (Junior/Intermediate) is designed to enhance the knowledge, understanding, and skill of teacher-candidates in the area of the philosophical, historical, legal, and social context of schooling and education. Through readings, dialogue, observation, seminars, and reflection, you will be encouraged to discover the multifaceted nature of modern classroom teaching and to discover and understand who you are as "teacher". The intent of this course is thus to offer materials and experiences through which a strong foundation for professional teaching can be developed.

### **EDUC 4203 Education Psychology and Special Education (Junior/Intermediate)**

Credits: 3

In this course, candidates are introduced to the fields of Educational Psychology and Special Education. Topics will be selected from guidance and counselling, human development, theories of learning, cognition in children and adolescents, motivation, and psychological and educational assessment in school settings. An overview of special education services in Canada will be provided, with a focus on Ontario. Candidates will receive an overview of the types of exceptionalities that students may present. An introduction will be provided to the processes used to identify students with exceptionalities and plan individual programs. The range of special education services typically available in school systems will be discussed.

### **EDUC 4214 Curriculum Studies 1 (Junior/Intermediate)**

Credits: 4

Language - psychological and sociological factors influencing language learning; the language processes; listening, speaking, reading, writing; usage and grammar as functions of the individual's communication needs; current theories of reading instruction; expressive, transactional and poetic writing; literature; developmental programs in listening, speaking, reading and writing. Drama - drama as an expressive art: mime, improvisation, story drama; program development in drama.

### **EDUC 4224 Curriculum Studies 2 (Junior/Intermediate)**

Credits: 4

A study of curriculum development in the Junior and Intermediate Divisions in the following areas: Health and Physical Education - an examination of curriculum components that constitute a balanced health and physical education program for children in the Junior and Intermediate Divisions; participation in activities that promote growth in the four developmental channels of health and physical education; an investigation of current approaches designed to meet individual needs of children. Visual Arts - an introduction to art education with a focus on the interdependent relationships among contemporary art education, philosophy, psychology, methodology and art content; studio activities which will provide first-hand experience with a variety of art materials, tools, processes and techniques pertinent to the classroom. Music - a study of music curricula which promotes aesthetic development through experiences of

singing, playing, listening, creating, moving and dramatizing; an examination of systems which develop the skills of reading and writing the language of music.

### **EDUC 4234 Curriculum Studies 3 (Junior/Intermediate)**

Credits: 4

A rationale for curriculum design particular to mathematics, science and social studies; curriculum guidelines established by the Ministry of Education and Training for the Junior and Intermediate Divisions; planning appropriate curriculum units. A study of the aims, scope, sequence and structure of each subject area; media and materials particular to each area. Mathematics - the underlying structures and unifying principles of mathematics; the development of basic mathematical concepts in students in the Junior and Intermediate Divisions; an investigation of current approaches which link mathematical understanding to development in youth. Science - a study of contemporary approaches to the studies of science; the effects of perceived societal needs on the science curriculum. The preparation of a unit of study. Social Studies, Geography and History - current theories of instruction in Social Studies, History and Geography in the Junior and Intermediate Divisions; developing an understanding of the relationship of people with their social and physical environments in the past and present; promoting insight into the various ethnic groups that contribute to our society.

### **EDUC 4464 Curriculum Methods (Junior/Intermediate)**

Credits: 5

The course consists of three separate components - methods, management and computers. The methods component consists of a study of teaching and learning in the Junior and Intermediate Divisions. It includes a range of approaches to develop instruction, implementation and evaluation strategies. The management component identifies management strategies appropriate to the developmental needs of junior and intermediate grade learners, uses a practical and theoretical framework for understanding and managing social interactions in the classroom and develops a person, proactive plan for classroom management. The computer component provides an introduction to the roles of information technology in teaching and learning.

### **EDUC 4694 Observation and Practice Teaching (Junior/Intermediate)**

Credits: 5

An examination of the basic components of the practicum including functions, roles, responsibilities and related skills; field experiences conducted in the elementary and secondary schools for the equivalent of thirteen weeks throughout the academic year.

Students are assigned to schools according to their selected divisions of concentration. Associate teachers are selected annually from the staffs of the public and separate schools and certain First Nations' schools.

In order to practice teach in Ontario schools, students must provide a clear criminal reference check.

### **Electives:**

Each student in the Junior/Intermediate Division must choose one teaching elective from the following teaching subjects listed in Schedule A (Ontario Regulation 184/97). Prerequisites are at least 18 credits (three full undergraduate courses) or their equivalent in the specified discipline.



**EDUC 4406 English (First Language) (Intermediate)**

Credits: 3

A critical study of the aims, scope and sequence of the Intermediate Division curriculum in English; analysis of Ministry guidelines; practicum.

**EDUC 4416 Computer Science (Intermediate)**

Credits: 3

A critical study of the aims, scope and sequence of the Intermediate Division curriculum in Computer Science; analysis of Ministry guidelines; practicum.

**EDUC 4436 French (Second Language) (Intermediate)**

Credits: 3

A critical study of the aims, scope and sequence of the Intermediate Division curriculum in French; analysis of Ministry guidelines; practicum.

A French Language Proficiency Test (see French Language Proficiency Test in the Index) is required.

**EDUC 4446 Geography (Intermediate)**

Credits: 3

A critical study of the aims, scope and sequence of the Intermediate Division curriculum in Geography; analysis of Ministry guidelines; practicum.

**EDUC 4456 History (Intermediate)**

Credits: 3

A critical study of the aims, scope and sequence of the Intermediate Division curriculum in History; analysis of Ministry guidelines; practicum.

**EDUC 4466 Mathematics (Intermediate)**

Credits: 3

A critical study of the aims, scope and sequence of the Intermediate Division curriculum in Mathematics; analysis of Ministry guidelines; practicum.

**EDUC 4476 Health and Physical Education (Intermediate)**

Credits: 3

A critical study of the aims, scope and sequence of the Intermediate Division curriculum in Health and Physical Education; analysis of Ministry guidelines; practicum.

**EDUC 4486 Science I-General (Intermediate)**

Credits: 3

A critical study of the aims, scope and sequence of the Intermediate Division curriculum in Science; analysis of Ministry guidelines; practicum.

**EDUC 4496 Visual Arts (Intermediate)**

Credits: 3

A critical study of the aims, scope and sequence of the Intermediate Division curriculum in Visual Arts; analysis of Ministry guidelines; studio; history; design; and practicum.

**EDUC 4516 Music - Instrumental (Intermediate)**

Credits: 3

A critical study of the aims, scope and sequence of the Intermediate Division curriculum in Music. Students are expected to conduct large ensembles, coach small groups and develop skill playing brass and woodwind instruments; analysis of Ministry guidelines; practicum.

**EDUC 4586 Religious Studies (Intermediate)**

Credits: 3

A critical study of the aims, scope and sequence of the Intermediate Division curriculum in Religious Education; analysis of Ministry guidelines; practicum.

Please note that this teaching subject prepares teachers of Religious Education in Roman Catholic schools. Roman Catholic Boards of Education require that student teachers be of the Catholic faith.

**Option Courses:**

The Faculty of Education offers to interested students the following option courses. These courses are taken concurrently with the one-year program and are in addition to it. A student may take one of the option courses - French as a Second Language, Part I, Mental Health Issues in School Populations, Kindergarten: Curriculum Theory and Practice, Outdoor and Experiential Education, Music Education through Technology or Education of Native Canadians.

**EDUC 1515 French as a Second Language, Part I**

Credits: 6

This course is for teachers who wish to develop their linguistic competencies to prepare them to teach French in the core, intensive, or immersion programs for students in the Primary, Junior, Intermediate and Senior grades. It includes the introduction of theories of language acquisition and approaches to a second language, teaching strategies, student motivation techniques, as well as student evaluation. Teachers who successfully complete the course will be recommended for the Ontario College of Teachers additional qualification FR-SL-1. A French Language Proficiency Test (see French Language Proficiency Test in the Index) is required.

**EDUC 4683 Mental Health Issues in School Populations**

Credits: 3

This course is for persons preparing to be educational leaders. The intention of the course is to create awareness in educational leaders of the nature of mental health issues common in school age populations. Course participants will examine means by which students experiencing mental health issues, or who come from families experiencing mental health issues, may be identified and served. Measures that can be taken by administrators to support teachers working with students experiencing mental health issues are a major focus of the course. Another major focus of the course will be the actions administrators may take to create support for students experiencing mental health issues, effective ways of working with their parents and with other agencies to better serve these students. Common concerns of teachers and administrators, such as the management of students' medications in the school setting, will be addressed.

### **EDUC 4706 Kindergarten: Curriculum Theory and Practice** Credits: 3

The context of the kindergarten classroom is unique. This course explores relevant learning theories, current research, policy changes and curriculum design for the kindergarten classroom. Teacher candidates will explore the ways in which families, member of the community, early childhood educators, and teachers interact during the education process to provide a strong foundation for students' intellectual, physical and social development. Curriculum expectations, methodology, essential elements and resources for Junior and Senior Kindergarten programs, will be examined from an integrated studies perspective.

Primary/Junior students may be given preference over others for this course.

### **EDUC 4916 Outdoor and Experiential Education** Credits: 3

This is a course where pre-service teachers will participate in experiential based activities in an outdoor setting. Through integrating curriculum (grade K-10) and interdisciplinary studies (grade 11-12), the participants will examine the knowledge, skills and values necessary to develop and implement outdoor education programs. Pre-service teachers in this option course will be involved in planning, teaching and evaluating outdoor education activities. They will spend a minimum of two weekends in an outdoor environment, have classroom instruction and participate in reflective online discussions.

### **EDUC 4707 Music Education through Technology** Credits: 3

This course will introduce students to basic music concepts through the use of MIDI technology. The primary goal is to provide students with the rudimentary skills necessary to teach music in the classroom. (Kindergarten to Grade 8)

### **EDUC 4986 Education of Native Canadians** Credits: 3

An examination of the cultural and social aspects of Native Canadian life relevant to education; the legal, historical and sociological aspects of Native Canadian education; an introduction to teaching in Native Canadian schools; practicum placement will be provided if possible.

Students may also choose to take the following option:

### **EDUC 1526 Religious Education in the Roman Catholic Separate Schools** Credits: 3

An introduction to the curriculum concepts which compose the Religious Education curriculum currently in use in the Catholic Schools of Ontario; examination of Scripture, Christian anthropology; psychology of religion; liturgy and Sacraments; practicum.

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## Basic Program for Students Concentrating in the Intermediate and Senior Divisions

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### **Foundations:**

- EDUC 4306 Education and Schooling (Intermediate/Senior)
- EDUC 4307 Educational Psychology and Special Education (Intermediate/Senior)

### **Curriculum:**

- EDUC 4315 Curriculum Methods (Intermediate/Senior)
- EDUC 4325 Curriculum Development and Evaluation (Intermediate/Senior)

Two subject pairings of the following electives are required for students registering in the Intermediate/Senior Division.

### **Intermediate Electives**

### **Senior Electives**

- |  |  |
|--|--|
| EDUC 4426 Business Studies: Accounting             | + EDUC 4427 Business Studies: Accounting             |
| EDUC 4316 Business Studies: Information Management | + EDUC 4317 Business Studies: Information Management |
| EDUC 4416 Computer Science                         | + EDUC 4417 Computer Science                         |
| EDUC 4406 English (First Language)                 | + EDUC 4407 English (First Language)                 |
| EDUC 4436 French (Second Language)                 | + EDUC 4437 French (Second Language)                 |
| EDUC 4446 Geography                                | + EDUC 4447 Geography                                |
| EDUC 4476 Health and Physical Education            | + EDUC 4477 Health and Physical Education            |
| EDUC 4456 History                                  | + EDUC 4457 History                                  |
| EDUC 4466 Mathematics                              | + EDUC 4467 Mathematics                              |
| EDUC 4516 Music - Instrumental                     | + EDUC 4517 Music - Instrumental                     |
| EDUC 4586 Religious Studies                        | + EDUC 4587 Religious Studies                        |
| EDUC 4486 Science I                                | + EDUC 4487 Science-Biology                          |
| EDUC 4486 Science I                                | + EDUC 4537 Science-Chemistry                        |
| EDUC 4486 Science I                                | + EDUC 4506 Science - Physics                        |
| EDUC 4496 Visual Arts                              | + EDUC 4497 Visual Arts                              |

**Note:** Students who wish to take a combination of two Sciences (eg EDUC 4487 Science-Biology (Senior) and EDUC 4537 Science-Chemistry (Senior) will be paired with EDUC 4486 Science I- and EDUC 4596 Science II. See Course Descriptions that follow.

### **Practicum:**

- EDUC 4355 Observation and Practice Teaching (Intermediate/Senior).

## Option Courses:

The Faculty of Education offers to interested students the following option courses. These courses are taken concurrently with the one-year program and are in addition to it. A student may take one of the option courses - French as a Second Language, Part I, Mental Health Issues in School Populations, Kindergarten: Curriculum Theory and Practice, Outdoor and Experiential Education, Music Education through Technology or Education of Native Canadians.

- EDUC 1515 French as a Second Language, Part I
- EDUC 4683 Mental Health Issues in School Populations
- EDUC 4706 Kindergarten: Curriculum Theory and Practice
- EDUC 4916 Outdoor and Experiential Education
- EDUC 4707 Music Education through Technology
- EDUC 4986 Education of Native Canadians

Students may also choose to take the following option:

- EDUC 1526 Religious Education in the Roman Catholic Separate Schools.

Students intending to teach in the Separate School Boards should be aware that preference in hiring will be given to students with a pre-service Religious Education course.

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## Course Descriptions – Intermediate/Senior

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### EDUC 4306 Education and Schooling (Intermediate/Senior) Credits: 3

Education and Schooling (Intermediate/Senior) is designed to enhance the knowledge, understanding, and skill of teacher-candidates in the area of the philosophical, historical, legal, and social context of schooling and education. Through readings, dialogue, observation, seminars, and reflection, you will be encouraged to discover the multifaceted nature of modern classroom teaching and to discover and understand who you are as "teacher". The intent of this course is thus to offer materials and experiences through which a strong foundation for professional teaching can be developed.

### EDUC 4307 Educational Psychology and Special Education (Intermediate/Senior) Credits: 3

In this course, candidates are introduced to the fields of Educational Psychology and Special Education. Topics will be selected from guidance and counselling, human development, theories of learning, cognition in children and adolescents, motivation, and psychological and educational assessment in school settings. An overview of special education services in Canada will be provided, with a focus on Ontario. Candidates will receive an overview of the types of exceptionalities that students may present. An introduction will be provided to the processes used to identify students with exceptionalities and plan individual programs. The range of special education services typically available in school systems will be discussed.

### EDUC 4315 Curriculum Methods (Intermediate/Senior) Credits: 5

The course consists of three separate components - methods, management and computers. The methods component consists of a study of teaching and learning in the Intermediate and Senior Divisions. It includes a range of approaches to develop instruction, implementation and evaluation strategies. The management component identifies management strategies appropriate to the developmental needs of intermediate and senior level learners and the particular situation, uses a practical and theoretical framework for understanding and managing social interactions in the classroom and develops a personal, proactive plan for classroom management. The computer component provides an introduction to the roles of information technology in teaching and learning.

### EDUC 4325 Curriculum Development and Evaluation (Intermediate/Senior) Credits: 5

Students will examine the basis for Curriculum Development in Ontario. This includes a practical examination of the goals of education at the Intermediate/Senior level, the dilemmas in curriculum decision making, the various curriculum orientations that can guide curriculum decision making and the role of the teacher in the process. The focus of this course is on practical application of Intermediate/Senior curriculum development frameworks addressed in Intermediate/Senior electives and Curriculum Methods. Intermediate/Senior students will be involved in planning various units of study for their respective electives, reviewing program and unit designs from other sources, and discussing integrative relationships within the Intermediate/Senior curriculum at large. Attention will be given to all levels of Intermediate/Senior Divisions based upon an examination of the transition years (grades 7, 8 and 9), and including, general, basic and advanced level program planning. Students will review and discuss issues related to the assessment of student achievement at the Intermediate and Senior levels. This involves the matching of assessment strategies and philosophies to school and curriculum orientation and purpose, implementation of evaluation procedures, test design and construction, and the reporting evaluation results.

### EDUC 4355 Observation and Practice Teaching (Intermediate/Senior) Credits: 5

An examination of the basic components of the practicum including functions, roles, responsibilities and related skills; field experiences conducted in the elementary and secondary schools for the equivalent of thirteen weeks throughout the academic year.

Students are assigned to schools according to their selected divisions of concentration. Associate teachers are selected annually from the staffs of the public and separate schools and certain First Nations' schools.

In order to practice teach in Ontario schools, students must provide a clear criminal reference check.

### Electives:

Each student in the Intermediate/Senior Division must choose two pairs of teaching electives from the following teaching subjects listed in Schedule A (Ontario Regulation 184/97). The

teaching electives chosen must be paired (example: if EDUC 4496 Visual Arts (Intermediate) is chosen, then it must be paired with EDUC 4497 Visual Arts (Senior) as the first elective; if EDUC 4466 Mathematics (Intermediate) is chosen then it must be paired with EDUC 4467 Mathematics (Senior) as the second elective.) One of the two teaching electives must be supported by a minimum of 30 credits (five full undergraduate courses) and the other teachable by a minimum of 18 credits (three full undergraduate courses) in their respective disciplines.

**EDUC 4316 Business Studies: Information Management (Intermediate)**  
Credits: 3

A critical study of the aims, scope and sequence of the Intermediate Division curriculum in Business Studies: Information Management; analysis of Ministry guidelines; practicum

**EDUC 4317 Business Studies: Information Management (Senior)**  
Credits: 3

A critical study of the aims, scope and sequence of the Senior Division curriculum in Business Studies: Information Management; analysis of Ministry guidelines; practicum

**EDUC 4406 English (First Language) (Intermediate)**  
Credits: 3

A critical study of the aims, scope and sequence of the Intermediate Division curriculum in English; analysis of Ministry guidelines; practicum.

**EDUC 4407 English (First Language) (Senior)**  
Credits: 3

A critical study of the aims, scope and sequence of the Senior Division curriculum in English; analysis of Ministry guidelines; practicum.

**EDUC 4416 Computer Science (Intermediate)**  
Credits: 3

A critical study of the aims, scope and sequence of the Intermediate Division curriculum in Computer Science; analysis of Ministry guidelines; practicum.

**EDUC 4417 Computer Science (Senior)**  
Credits: 3

A critical study of the aims, scope and sequence of the Senior Division curriculum in Computer Science, analysis of Ministry guidelines; practicum.

**EDUC 4426 Business Studies: Accounting (Intermediate)**  
Credits: 3

A critical study of the aims, scope and sequence of the Intermediate Division curriculum in Business Studies - Accounting; analysis of Ministry guidelines; practicum.

**EDUC 4427 Business Studies: Accounting (Senior)**  
Credits: 3

A critical study of the aims, scope and sequence of the Senior Division curriculum in Business Studies - Accounting; analysis of Ministry guidelines; practicum.

**EDUC 4436 French (Second Language) (Intermediate)**  
Credits: 3

A critical study of the aims, scope and sequence of the Intermediate Division curriculum in French; analysis of Ministry guidelines; practicum.

A French Language Proficiency Test (see French Language Proficiency Test in the Index) is required.

**EDUC 4437 French (Second Language) (Senior)**  
Credits: 3

A critical study of the aims, scope and sequence of the Senior division curriculum in French; analysis of Ministry guidelines; practicum.

A French Language Proficiency Test (see French Language Proficiency Test in the Index) is required.

**EDUC 4446 Geography (Intermediate)**  
Credits: 3

A critical study of the aims, scope and sequence of the Intermediate Division curriculum in Geography; analysis of Ministry guidelines; practicum.

**EDUC 4447 Geography (Senior)**  
Credits: 3

A critical study of the aims, scope and sequence of the Senior Division curriculum in Geography; analysis of Ministry guidelines; practicum.

**EDUC 4456 History (Intermediate)**  
Credits: 3

A critical study of the aims, scope and sequence of the Intermediate Division curriculum in History; analysis of Ministry guidelines; practicum.

**EDUC 4457 History (Senior)**  
Credits: 3

A critical study of the aims, scope and sequence of the Senior Division curriculum in History; analysis of Ministry guidelines; practicum.

**EDUC 4466 Mathematics (Intermediate)**  
Credits: 3

A critical study of the aims, scope and sequence of the Intermediate Division curriculum in Mathematics; analysis of Ministry guidelines; practicum.

**EDUC 4467 Mathematics (Senior)**  
Credits: 3

A critical study of the aims, scope and sequence of the Senior Division curriculum in Mathematics; analysis of Ministry guidelines; practicum.

**EDUC 4476 Health and Physical Education (Intermediate)**  
Credits: 3

A critical study of the aims, scope and sequence of the Intermediate Division curriculum in Physical and Health Education; analysis of Ministry guidelines; practicum.

**EDUC 4477 Health and Physical Education (Senior)**

Credits: 3

A critical study of the aims, scope and sequence of the Senior Division curriculum in Physical and Health Education; analysis of Ministry guidelines; practicum.

**EDUC 4486 Science I (Intermediate)**

Credits: 3

A critical study of the aims, scope and sequence of the Intermediate Division curriculum in Science; analysis of Ministry guidelines; practicum.

**EDUC 4487 Science - Biology (Senior)**

Credits: 3

A critical study of the aims, scope and sequence of the Senior Division curriculum in Biology; analysis of Ministry guidelines; practicum.

**EDUC 4496 Visual Arts (Intermediate)**

Credits: 3

A critical study of the aims, scope and sequence of the Intermediate Division curriculum in Visual Arts; analysis of Ministry guidelines; studio; history; design; and practicum.

**EDUC 4497 Visual Arts (Senior)**

Credits: 3

A critical study of the aims, scope and sequence of the Senior Division curriculum in Visual Arts; analysis of Ministry guidelines; studio; history; design; practicum.

**EDUC 4506 Science - Physics (Senior)**

Credits: 3

A critical study of the aims, scope and sequence of the Senior Division curriculum in Physics; analysis of Ministry guidelines; practicum.

**EDUC 4516 Music - Instrumental (Intermediate)**

Credits: 3

A critical study of the aims, scope and sequence of the Intermediate Division curriculum in Music. Students are expected to conduct large ensembles, coach small groups and develop skill playing brass and woodwind instruments; analysis of Ministry guidelines; practicum.

**EDUC 4517 Music - Instrumental (Senior)**

Credits: 3

A critical study of the aims, scope and sequence of the Senior Division curriculum in Music. Students are expected to conduct large ensembles, coach small groups and develop skill playing brass and woodwind instruments; analysis of Ministry guidelines; practicum.

**EDUC 4537 Science-Chemistry (Senior)**

Credits: 3

A critical study of the aims and content of the Senior Division curriculum in Chemistry; analysis of Ministry guidelines and appropriate teaching methodologies; practicum.

**EDUC 4586 Religious Studies (Intermediate)**

Credits: 3

A critical study of the aims, scope and sequence of the Intermediate Division curriculum in Religious Education; analysis of Ministry guidelines; practicum.

Please note that this teaching subject prepares teachers of Religious Education in Roman Catholic schools. Roman Catholic Boards of Education require that student teachers be of the Catholic faith.

**EDUC 4587 Religious Studies (Senior)**

Credits: 3

A critical study of the aims, scope and sequence of the Senior Division curriculum in Religious Education; analysis of Ministry guidelines; practicum.

Please note that this teaching subject prepares teachers of Religious Education in Roman Catholic schools. Roman Catholic Boards of Education require that student teachers be of the Catholic faith.

**EDUC 4596 Science II (Intermediate)**

Credits: 3

A continuation of a critical study of the Intermediate Division curriculum in Science including an examination of the history and philosophy of Science, Environmental Science, and Technology in Science Education.

**Option Courses:**

The following option courses are offered to interested students. These courses are taken concurrently with the one-year program and are in addition to it. A student may take one of the option courses - French as a Second Language, Part I, Mental Health Issues in School Populations, Kindergarten: Curriculum Theory and Practice, Outdoor and Experiential Education, Music Education Through Technology or Education of Native Canadians.

**EDUC 1515 French as a Second Language, Part I**

Credits: 6

This course is for teachers who wish to develop their linguistic competencies to prepare them to teach French in the core, intensive, or immersion programs for students in the Primary, Junior, Intermediate and Senior grades. It includes the introduction of theories of language acquisition and approaches to a second language, teaching strategies, student motivation techniques, as well as student evaluation. Teachers who successfully complete the course will be recommended for the Ontario College of Teachers additional qualification FR-SL-1.

A French Language Proficiency Test (see French Language Proficiency Test in the Index) is required.

**EDUC 4683 Mental Health Issues in School Populations**

Credits: 3

This course is for persons preparing to be educational leaders. The intention of the course is to create awareness in educational leaders of the nature of mental health issues common in school age populations. Course participants will examine means by which students experiencing mental health issues, or who come from families experiencing mental health issues, may be identified and served. Measures that can be taken by adminis-

trators to support teachers working with students experiencing mental health issues are a major focus of the course. Another major focus of the course will be the actions administrators may take to create support for students experiencing mental health issues, effective ways of working with their parents and with other agencies to better serve these students. Common concerns of teachers and administrators, such as the management of students' medications in the school setting, will be addressed.

### **EDUC 4706 Kindergarten: Curriculum Theory and Practice**

Credits: 3

The context of the kindergarten classroom is unique. This course explores relevant learning theories, current research, policy changes and curriculum design for the kindergarten classroom. Teacher candidates will explore the ways in which families, member of the community, early childhood educators, and teachers interact during the education process to provide a strong foundation for students' intellectual, physical and social development. Curriculum expectations, methodology, essential elements and resources for Junior and Senior Kindergarten programs, will be examined from an integrated studies perspective.

Primary/Junior students may be given preference over others for this course.

### **EDUC 4916 Outdoor and Experiential Education**

Credits: 3

This is a course where pre-service teachers will participate in experiential based activities in an outdoor setting. Through integrating curriculum (grade K-10) and interdisciplinary studies (grade 11-12), the participants will examine the knowledge, skills and values necessary to develop and implement outdoor education programs. Pre-service teachers in this option course will be involved in planning, teaching and evaluating outdoor education activities. They will spend a minimum of two weekends in an outdoor environment, have classroom instruction and participate in reflective online discussions.

### **EDUC 4707 Music Education through Technology**

Credits: 3

This course will introduce students to basic music concepts through the use of MIDI technology. The primary goal is to provide students with the rudimentary skills necessary to teach music in the classroom. (Kindergarten to Grade 8)

### **EDUC 4986 Education of Native Canadians**

Credits: 3

An examination of the cultural and social aspects of Native Canadian life relevant to education; the legal, historical and sociological aspects of Native Canadian education; an introduction to teaching in Native Canadian schools; practicum placement will be provided if possible.

Students may also choose to take the following option:

### **EDUC 1526 Religious Education in the Roman Catholic Separate Schools**

Credits: 3

An introduction to the curriculum concepts which compose the Religious Education curriculum currently in use in the Catholic Schools of Ontario; examination of Scripture, Christian anthropology; psychology of religion; liturgy and Sacraments.

## **Concurrent Bachelor of Arts/Bachelor of Education**

Nipissing University and Wilfrid Laurier University Brantford offer an innovative BA/BEEd program. The program combines Nipissing's long history of providing a rigorous teacher education program that aims to provide well-prepared teachers for Ontario schools with Wilfrid Laurier's strengths in the liberal arts and sciences.

The concurrent program is offered fully at Wilfrid Laurier University's Brantford campus. Graduates will receive a Bachelor of Arts degree from Wilfrid Laurier University and a Bachelor of Education degree from Nipissing University. The major for the Bachelor of Arts will be Contemporary Studies, which is available as a general or honours degree, and which can be combined with other majors or minors that include Anthropology, Communication Studies, English, Geography, Global Studies, History, Indigenous Studies, Mathematics, Philosophy, Political Science, Psychology, Religion & Culture and Sociology. Students wanting to complete a honours degree will be required to complete an additional year of studies.

This joint program began as a pilot project in September 2002, with one section of 35 students studying Education in the Junior/Intermediate (J/I) division (Grade 4 to Grade 10). In September 2004 the program will accept one section of students in the Primary/Junior (P/J) division (junior kindergarten to Grade 6) and two sections in the Junior/Intermediate division, for a total of 105 students.

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## **Academic Year 2004 - 2005**

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### **Brantford Campus**

**Term 1 (Fall)**—September to December 2004

**Term 2 (Winter)**—January to April 2005

**Term 3 (Fall/Winter)**—September to April 2004/2005

Mon. Sept. 6	Labour Day - University closed.
Sept. 9 & 10	On-Campus Registration.
Mon. Sept. 13	Fall term and Fall/Winter session begins.
Fri. Sept. 24	Final day for late registration (Fall term and Fall/Winter)
	Students withdrawing from Term 1 or Term 3 courses after this date will receive a "W" on their academic record.
Mon. Oct. 4	Practicum begins.
Mon. Oct. 11	Thanksgiving Day - University closed.
Mon. Nov. 8	Students withdrawing from Term 1 courses after this date will receive an "F" on their academic record.
Mon. Dec. 6	Fall term classes end.

Dec. 9 - 23	Final Fall term examinations.
Thurs. Dec. 23	Fall Term ends.
Dec. 25 - Jan 3	University Closed.
Tues. Jan. 4	Winter term begins.
Mon. Jan. 17	Final day for late registration (Winter Term).  Students withdrawing from Term 2 courses after this date will receive a "W" on their academic record.
Fri. Jan. 28	Students withdrawing from Term 3 courses after this date will receive an "F" on their academic record.
Mon. Mar. 7	Students withdrawing from Term 2 courses after this date will receive an "F" on their academic record.
Fri. Mar. 25	Good Friday, University-observed holiday, no classes.
Tues. Apr. 5	Winter term and Fall/Winter classes end.
Apr. 8 - 27	Final Examinations.
May 2 - 6	Practicum.

## The Ontario Certificate of Qualification

1. Qualified candidates, who successfully complete both the Bachelor of Arts Degree and the Bachelor of Education program will be recommended for a Certificate of Qualification) issued by the Ontario College of Teachers.  
The Certificate of Qualification records the teacher's divisions of concentration (from Kindergarten to Grade 12) and additional qualifications.
2. The divisions in the Ontario school system are: Primary (Junior Kindergarten to Grade 3), Junior (Grades 4 to 6), Intermediate (Grades 7 to 10) and Senior (Grades 11 to 12).  
At Nipissing/Brantford, Bachelor of Education students can obtain qualifications in one of the following division combinations: Primary/Junior (P/J) or Junior/Intermediate (J/I).
3. It should be noted that it is legal for the possessor of a Certificate of Qualification to accept a position in a division other than the one in which he/she has concentrated. This will of course be the exception to the general practice and will occur only when the teacher can demonstrate unique qualifications for such a position.

## How to Apply

Students apply on the OUAC 101 form for the Concurrent Education program offered at the Wilfrid Laurier University Brantford campus. Consult the Wilfrid Laurier University information for the appropriate application code for this program. OUAC 101 application forms and information about applying on-line are available through high school guidance offices.

## Basic Admission Requirements for the Bachelor of Education Concurrent Degree

Requirements for admission consideration to the concurrent program include an OSSD; a minimum average of 75% in six OACs or 12U and/or 12M courses (a minimum of 4 at the U level); a minimum of 60% in an OAC or 12U mathematics course; a minimum of 70% in an OAC or 12U English course; and a supplemental evaluation package which includes 2 references (one personal, one professional), an experience profile, and a one page typed statement of personal goals. The supplemental application package will be mailed to all applicants upon the receipt of their application from OUAC and must be returned by the deadline date.

## Registration Procedures and Regulations

It is the student's responsibility to ensure that course registrations and course changes meet degree requirements.

New students will register for their Nipissing courses on the world wide web in September of the year they are admitted.

## Academic Regulations/Information - Wilfrid Laurier Courses

Information pertaining to Wilfrid Laurier University BA courses can be found in the Wilfrid Laurier University Academic Calendar

## Academic Regulations/Information pertaining to Nipissing BEd courses.

### Academic Advising

Students seeking academic advise on their BEd courses should contact the Director of the Concurrent Education Program.

### Academic Dishonesty

The University takes a very serious view of such offences against academic honesty as plagiarism, cheating, and impersonation. Penalties for dealing with such offences will be strictly enforced. The complete policy on Academic Dishonesty is in the Policies section of the Calendar.

## Aegrotat Standing

Aegrotat standing (credit granted with incomplete course work) will be considered only in exceptional circumstances (usually only in cases of serious illness) and if term work has been of high quality.

## Appeals

BA courses from Wilfrid Laurier University will be appealed in accordance with the Wilfrid Laurier University policy available on the world wide web at 222.wlu.ca. A copy of the appeal must be given to the Director of the concurrent education program. Education course appeals will follow the Nipissing University guidelines. Please refer to the policies section. Appeal hearings will be held in North Bay.

## Attendance

Punctual and regular attendance is essential for the successful completion of a course. Students who do not demonstrate regular attendance may be required to withdraw from the Bachelor of Education program unless medical documentation or other authorized documentation, deemed appropriate by the Faculty, is received. This policy may be implemented if a student is absent more than the number of hours indicated (approximately 20% of the total hours) in connection with any one of the courses or course components listed below:

Components	Hours Absent
Methods and Management	5
Education and Schooling	7
Language Arts	7
Special Education	3.5
Educational Psychology	3.5
Math - P/J	7
Math - J/I	5
Art	5
Music	5
Health and Physical Education	5
Social Studies	5
Science	5
Computers	2
Each Elective	7
Each Option Course	7

## Course Identification

Nipissing University courses are numbered as follows:  
 Four letters to indicate the department or subject;  
 Four numbers to designate the course  
 Two letters to indicate the time of year  
 Three numbers to indicate section - Concurrent Education -  
 Brantford section numbers range between 600-699

### Example

<b>EDUC</b>	<b>4112</b>	<b>FW</b>	<b>601</b>
Department	Course Number	Time of Year	Section

## Determination of Final Grade

- A student's grade in each course will be based upon the year's work and the final examination;
- The final examination will not make up more than 70% or less than 30% of the final grade in each course;
- The instructor will discuss with the class the basis for assessment specifying the relative weight of each examination, test, in-class activity and written assignment;
- The instructor will also specify which assignments must be completed in order to receive a grade in the course;
- The method of determining final grades is to be discussed with students within the time frame Senate has approved for late course registration;
- The instructor must inform students of their standing prior to the date for honourable withdrawal from the course. If no written term work has been evaluated by that date, the information shall be given in the form of a written statement of the student's standing;
- The instructor is required to return to students all written work, other than final examinations, which has been submitted for evaluation purposes. Students may discuss with their instructor the work presented, the comments made, and the grade assigned;
- Final evaluation submissions are not returned to students but are kept on file by the Office of the Registrar for six months after the publication of Grade Reports;
- For each course, a final marks sheet is completed, signed by the instructor and submitted to the Dean of Education for approval within five calendar days of the exam. The Dean of Education's signature indicates that the marks submission is consistent with existing practices and policies of the Faculty;
- Revisions to any previously-assigned grade are submitted in writing for the approval of the Dean of Education, together with the reasons for such revisions. Grades are not official until they have been approved by the Dean of Education and released by the Office of the Registrar;
- The final marks issued by Nipissing University are the only ones accepted as binding.

## Letter Grades and Grading Standards

"A" - (80-100%)

"B" - (70-79%)

"C" - (60-69%)

"D" - (50-59%)

"F" - (0 - 49%)

"A" indicates Exceptional Performance: comprehensive in-depth knowledge of the principles and materials treated in the course, fluency in communicating that knowledge and independence in applying material and principles.

"B" indicates Good Performance: thorough understanding of the breadth of materials and principles treated in the course and ability to apply and communicate that understanding effectively.

"C" indicates Satisfactory Performance: basic understanding of the breadth of principles and materials treated in the course and an ability to apply and communicate that understanding competently.

"D" indicates Minimally Competent Performance: adequate understanding of most principles and materials treated in the course, but significant weakness in some areas and in the ability to apply and communicate that understanding.



"F" indicates Failure: inadequate or fragmentary knowledge of the principles and materials treated in the course or failure to complete the work required in the course.

"I" indicates Incomplete.

"W" indicates Withdrawal with permission.

### Final Examinations

Final examinations for each course are mandatory, except where otherwise approved by Senate, and are scheduled by the Director of the Concurrent Education Program. Final examinations for classes held at night will usually be scheduled during the day. Final examinations constitute a minimum of 30% and a maximum of 70% of the final grade. Punctual and regular attendance is essential for the successful completion of a course. When absenteeism exceeds 20%, the student may be excluded from writing the final examination.

Copies of previous final examinations for all courses offered by Nipissing University will be made available to students except where otherwise approved by Senate.

Final examinations for three-credit courses will be two hours, and examinations for five-credit and six-credit courses, three hours.

### Final Standing

To qualify for the Bachelor of Education degree in the Primary/Junior Division, a student must obtain a pass in the following practicum courses: EDUC 4641, EDUC 4661, EDUC 4671, and EDUC 4686 (Observation in Practice Teaching) and obtain a minimum overall average of 70% in the following courses: EDUC 4102, EDUC 4103, EDUC 4118, EDUC 4128, EDUC 4138, EDUC 4112, EDUC 4113, EDUC 4124, EDUC 4134, with at least 60% in each. The average is a weighted average based upon course credits.

### Weighted Average Calculation

Course	Credits	Course Grade	Weighted Grade
EDUC 4102	3	80% x 3	240
EDUC 4103	3	75% x 3	225
EDUC 4118	2	78% x 2	156
EDUC 4128	2	72% x 2	144
EDUC 4138	2	70% x 2	140
EDUC 4112	3	68% x 3	204
EDUC 4113	3	76% x 3	228
EDUC 4124	5	81% x 5	405
EDUC 4134	5	74% x 5	370
Totals:	28		2112

Program Average: 2112 divided by 28 = 75.4%

To qualify for the Bachelor of Education degree in the Junior/Intermediate Division, a student must obtain a pass in the following practicum courses: EDUC 4651, EDUC 4681, EDUC 4691, and EDUC 4696 (Observation in Practice Teaching) and obtain a minimum overall average of 70% in the following courses: EDUC 4202, EDUC 4203, EDUC 4218, EDUC 4228, EDUC 4238, EDUC 4116, EDUC 4117, EDUC 4224, EDUC 4234, with at least 60% in each. The average is a weighted average based upon course credits.

Students in the Junior/Intermediate Division must obtain at least 60% in one of the electives listed in the Junior/Intermediate Division.

### Weighted Average Calculation

Course	Credits	Course Grade	Weighted Grade
EDUC4202	3	81% x 3	243
EDUC4203	3	75% x 3	225
EDUC4218	2	80% x 2	160
EDUC4228	2	72% x 2	144
EDUC4238	2	74% x 2	148
EDUC4116	3	68% x 3	204
EDUC4117	3	76% x 3	228
EDUC4224	4	83% x 4	332
EDUC4234	4	86% x 4	344
EDUC4446 (Elec)	3	82% x 3	246
Totals	29		2274

Program Average: 2274 divided by 29 = 78.4%

### Incomplete Grades

In exceptional circumstances, a student may request consideration for an Incomplete grade (I). Such a request must be submitted in writing, through the instructor to the Dean of Education, together with reasons for the request.

Any student assigned an Incomplete grade must complete all course requirements within one month after the end of the examination period. If after that period the course is not completed or an extension has not been granted by the Dean of Education, a grade "F" will be recorded on the student's academic record.

In order to be considered for an extension of the completion date beyond the normal one month period, a student must submit a written request to the Dean of Education, through the instructor, explaining the reasons for such an extension. Under no circumstances may a completion date exceed six months from the end of the examination period.

### Release of Final Grades

Final grades will be withheld from any student who has an outstanding account at the University or Library and such students will forfeit their right to appeal grades.

### Review of Final Examinations

Students may request in advance to view their examination papers in the Office of the Director. Upon request by a student, and at a time mutually agreed upon by the instructor and student, the instructor shall review the examination paper in the presence of the student. The closing date to request reviews is one month after the release of marks.

### Special Final Examinations

Students who are unable to write final examinations because of illness or other circumstances beyond their control, or whose performances on the examination has been impaired by such circumstances, may on application, be granted permission to write a special final examination. Such application must:

1. be made in writing to the Director of the Concurrent Education Program not later than one week after the date of the examination; and
2. be fully supported in the cases of illness by a medical certificate or by the appropriate documents in other cases.

The petition for such special examinations must be filed within a week of the day of the regular examination.

There will normally be a fee for special examinations.

### Transcripts of Records

Graduates will be given one transcript of their academic record. Other requests for official transcripts must be made through the Office of the Registrar. The fee for transcripts is published in the Fee Section (see Charges and Fees in the index) of this Calendar, and is due before the request will be processed. Transcripts must be requested in writing or in person; telephone requests will not be accepted.

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## Basic Program for Students Concentrating in the Primary and Junior Divisions

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Following is a listing of the requirements for both Nipissing University and Wilfrid Laurier University. Please refer to the Wilfrid Laurier University course calendar for further information on non-Nipissing University courses.

BA course requirements include 13 Wilfrid Laurier University Courses and 2 Nipissing University Arts Courses.

### Year 1

4 Wilfrid Laurier University credits consisting of:  
CT/CO243 Mathematics & Teaching

Choice of 1.0 credit

CT111 Regional Landscapes in Context  
CT121 The World in the 21st Century  
CT122 Social & Political Thought

Own choice totaling 2 credits

BEd Course Requirements:

EDUC 4102 Education and Schooling  
EDUC 4118 Methods  
EDUC 4641 Practicum

### Year 2

Nipissing University Course:

PSYC 2020 Developmental Psychology for Educators

3.5 Wilfrid Laurier University credits consisting of:

Choice of 2.0 credits required from: CT202, CT212,  
CT222, CT223, CT224,  
CT225, CT226, CT241

Own choice totaling 1.5 credits\*

BEd Course Requirements:

EDUC 4103 Educational Psychology & Special Education  
EDUC 4112 Language Arts  
EDUC 4661 Practicum

### Year 3

Nipissing University Course:

SOCI 2095 Sociology of Education

3.5 Wilfrid Laurier University credits consisting of:

Choice of 1.0 CT credit (.5&.5=1.0) from: CT301, CT321,  
CT323, CT324, CT325, CT400

Own choice totaling 1.0 credit at the 200-300 level and 1.5 elective credits

BEd Course Requirements:

EDUC 4113 Language Arts  
EDUC 4128 Methods  
EDUC 4671 Practicum

### Year 4

2 Wilfrid Laurier University credit choices

BEd Course Requirements:

EDUC 4124 Curriculum Studies 2  
EDUC 4134 Curriculum Studies 3  
EDUC 4138 Methods  
EDUC 4686 Practicum

### Optional Education Courses:

EDUC 4986 Education of Native Canadians  
EDUC 1526 Religious Education in Roman Catholic Schools

\* Recommended Wilfrid Laurier University courses that will assist in teaching CS100, EN201, GG250, HI240

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## Course Descriptions - Primary/Junior (Nipissing University Courses)

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### Year 1

#### EDUC 4102 Education and Schooling (Primary/Junior)

Credits: 3

Education and Schooling (Primary/Junior) is designed to enhance the knowledge, understanding, and skill of teacher-candidates in the area of the philosophical, historical, legal, and social context of schooling and education. Through readings, dialogue, observation, seminars, and reflection, you will be encouraged to discover the multifaceted nature of modern classroom teaching and to discover and understand who you are as "teacher". The intent of this course is thus to offer materials and experiences through which a strong foundation for professional teaching can be developed.

#### EDUC 4118 Curriculum Methods - Part 1 (Primary/Junior)

Credits: 2

A study of teaching and learning in the Primary and Junior Divisions addressing a range of approaches to instruction. A consideration of a variety of approaches to classroom management and discipline. An introduction to the role of educational media in the teaching-learning process, stressing the unique characteristics of various media. A study of computers in educational settings leading to an understanding of their role in various subject areas.

**EDUC 4641 Observation and Practice Teaching 1****(Primary/Junior)**

Credits: 1

An examination of the basic components of the practicum including functions, roles, responsibilities and related skills; field experiences conducted in the elementary schools for the equivalent of twenty-five weeks over the four year program. Students are assigned to schools according to their selected divisions of concentration. Associate teachers are selected annually from the staffs of the public and separate schools and certain First Nations' schools.

**Year 2****EDUC 4103 Educational Psychology and Special Education****(Primary/Junior)**

Credits: 3

In this course, candidates are introduced to the fields of Educational Psychology and Special Education. Topics will be selected from guidance and counselling, human development, theories of learning, cognition in children and adolescents, motivation, and psychological and educational assessment in school settings. An overview of special education services in Canada will be provided, with a focus on Ontario. Candidates will receive an overview of the types of exceptionalities that students may present. An introduction will be provided to the processes used to identify students with exceptionalities and plan individual programs. The range of special education services typically available in school systems will be discussed.

**EDUC 4112 Language Arts (Primary/Junior)**

Credits: 3

Language - psychological and sociological factors influencing language learning; the language processes (listening, speaking, reading, writing); usage and grammar as functions of children's communication needs; current theories of reading instruction; expressive, transactional and poetic writing; children's literature; developmental programs in listening, speaking, reading and writing. Drama - drama as an expressive art; dramatic play, mime, improvisation, story drama, program development in drama.

**EDUC 4661 Observation and Practice Teaching 2****(Primary/Junior)**

Prerequisite: EDUC 4641

Credits: 1

An examination of the basic components of the practicum including functions, roles, responsibilities and related skills; field experiences conducted in the elementary schools for the equivalent of twenty-five weeks over the four year program. Students are assigned to schools according to their selected divisions of concentration. Associate teachers are selected annually from the staffs of the public and separate schools and certain First Nations' schools.

**Year 3****EDUC 4113 Language Arts (Primary/Junior)**

Prerequisite: EDUC 4112

Credits: 3

Language - psychological and sociological factors influencing language learning; the language processes (listening, speaking, reading, writing); usage and grammar as functions of children's

communication needs; current theories of reading instruction; expressive, transactional and poetic writing; children's literature; developmental programs in listening, speaking, reading and writing. Drama - drama as an expressive art; dramatic play, mime, improvisation, story drama, program development in drama.

**EDUC 4128 Curriculum Methods - Part 2****(Primary/Junior)**

Prerequisite: EDUC4118

Credits: 2

A study of teaching and learning in the Primary and Junior Divisions addressing a range of approaches to instruction. A consideration of a variety of approaches to classroom management and discipline. An introduction to the role of educational media in the teaching-learning process, stressing the unique characteristics of various media. A study of computers in educational settings leading to an understanding of their role in various subject areas.

**EDUC 4671 Observation and Practice Teaching 3****(Primary/Junior)**

Prerequisite: EDUC 4661

Credits: 1

An examination of the basic components of the practicum including functions, roles, responsibilities and related skills; field experiences conducted in the elementary schools for the equivalent of twenty-five weeks over the four year program. Students are assigned to schools according to their selected divisions of concentration. Associate teachers are selected annually from the staffs of the public and separate schools and certain First Nations' schools.

**Year 4****EDUC 4124 Curriculum Studies 2 (Primary/Junior)**

Credits: 5

A study of curriculum development in the Primary and Junior Divisions in the following areas: Health and Physical Education - an examination of curriculum components that constitute a balanced physical and health education program for children in the Primary and Junior Divisions; participation in activities that promote growth in the four developmental channels of physical and health education; an investigation of current approaches designed to meet individual needs of children. Visual Arts - an introduction to art education with a focus on the interdependent relationships among contemporary art education, philosophy, psychology, methodology and art content; studio activities which will provide first-hand experience with a variety of art materials, tools, processes and techniques pertinent to the classroom. Music - a study of music curricula which promotes aesthetic development through experiences in singing, playing, listening, creating, moving and dramatizing; an examination of systems which develop the skills of reading and writing the language of music.

**EDUC 4134 Curriculum Studies 3 (Primary/Junior)**

Credits: 5

A rationale for curriculum design particular to mathematics, science and social studies; curriculum guidelines established by the Ministry of Education and Training for the Primary and Junior Divisions; planning appropriate curriculum units. A study of the aims, scope, sequence and structure of each subject area; media and materials particular to each area. Mathematics - the underlying structures and unifying principles of mathematics; the development of basic mathematical concepts in students in the

Primary and Junior Divisions; an investigation of current approaches which links mathematical understanding to development in children. Science - the underlying structure and framework of principles and concepts of science and technology; the development of science processes and attitudes; an investigation of current approaches and instructional strategies which link scientific understanding to child development. Social Studies - fundamental concepts and instructional strategies in Social Studies in the Primary and Junior Division; developing an understanding of the relationship of earths' peoples with their social and physical environments in the past and present; promoting insights into the global community and its implications for the life of today's pupil.

### **EDUC 4138 Curriculum Methods - Part 3 (Primary/Junior)**

Prerequisite: EDUC 4128  
Credits: 2

A study of teaching and learning in the Primary and Junior Divisions addressing a range of approaches to instruction. A consideration of a variety of approaches to classroom management and discipline. An introduction to the role of educational media in the teaching-learning process, stressing the unique characteristics of various media. A study of computers in educational settings leading to an understanding of their role in various subject areas.

### **EDUC 4686 Observation and Practice Teaching 4 (Primary/Junior)**

Prerequisite: EDUC 4671  
Credits: 3

An examination of the basic components of the practicum including functions, roles, responsibilities and related skills; field experiences conducted in the elementary schools for the equivalent of twenty-five weeks over the four year program. Students are assigned to schools according to their selected divisions of concentration. Associate teachers are selected annually from the staffs of the public and separate schools and certain First Nations' schools.

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## **Basic Program for Students Concentrating in the Junior and Intermediate Divisions**

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Following is a listing of the requirements for both Nipissing University and Wilfrid Laurier University. Please refer to the Wilfrid Laurier University course calendar for further information on non-Nipissing University courses.

BA course requirements include 13 Wilfrid Laurier University courses and 2 Nipissing University Arts courses.

### **Year 1**

4 Wilfrid Laurier University credits  
CT/CO243 Mathematics & Teaching

Choice of 1.0 credit from:

CT111 Regional Landscapes in Context  
CT121 The World in the 21st Century  
CT122 Social & Political Thought

Own choice totaling 2 credits (which includes 1.0 credit in your teachable subject)

### **BEd Course Requirements:**

EDUC 4202 Education and Schooling  
EDUC 4218 Methods  
EDUC 4651 Practicum

### **Year 2**

Nipissing University Courses

PSYC 2020 Developmental Psychology for Educators

3.5 Wilfrid Laurier University credits consisting of:

Choice of 2.0 credits required from: CT202, CT212, CT222, CT223, CT224, CT225, CT226, CT241

Own choice totaling 1.5 credits (which includes 1.0 credit in your teachable subject)\*

### **BEd Course Requirements:**

EDUC 4203 Educational Psychology & Special Education  
EDUC 4116 Language Arts  
EDUC 4681 Practicum

### **Year 3**

Nipissing University Course:

SOCI 2095 Sociology of Education

(1.0 credit and a Nipissing required)

3.5 Wilfrid Laurier University credits consisting of:

Choice of 1.0 credit (.5&.5=1.0) from: CT301, CT321, CT323, CT324, CT325, CT400

Own choice totaling 1.0 CT credit at the 200-300 level

1.5 elective credits (which includes 1.0 credit in your teachable subject)

### **BEd Course Requirements:**

EDUC 4117 Language Arts  
EDUC 4228 Methods  
EDUC 4691 Practicum

### **Year 4**

2 Wilfrid Laurier University credit choices

### **BEd Course Requirements:**

EDUC 4224 Curriculum Studies 2  
EDUC 4234 Curriculum Studies 3  
EDUC 4238 Methods  
EDUC 4696 Practicum

(J/I need teachable/Elective: one of English, Geography, History, Mathematics, Religious Education)

### **Optional Education Courses:**

EDUC 4986 Education of Native Canadians  
EDUC 1526 Religious Education in Roman Catholic Schools

\* Recommended Laurier courses that will assist in teaching:  
CS 100, EN201, GG250, HI240

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## Course Descriptions - Junior/Intermediate

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### **EDUC 4202 Education and Schooling (Junior/Intermediate)**

Credits: 3

Education and Schooling (Junior/Intermediate) is designed to enhance the knowledge, understanding, and skill of teacher-candidates in the area of the philosophical, historical, legal, and social context of schooling and education. Through readings, dialogue, observation, seminars, and reflection, you will be encouraged to discover the multifaceted nature of modern classroom teaching and to discover and understand who you are as "teacher". The intent of this course is thus to offer materials and experiences through which a strong foundation for professional teaching can be developed.

### **EDUC 4218 Curriculum Methods - Part 1 (Junior/Intermediate)**

Credits: 2

A study of teaching and learning in the Junior and Intermediate Divisions, relevant to selected models of instruction. An introduction to the role of educational media in the teaching-learning process, stressing the unique characteristics of various media, the principles of effective preparation and application of teacher materials. A study of computers in an educational setting leading to basic skills in the operation of a microcomputer.

### **EDUC 4651 Observation and Practice Teaching 1 (Junior/Intermediate)**

Credits: 1

An examination of the basic components of the practicum including functions, roles, responsibilities and related skills; field experiences conducted in the elementary and secondary schools for the equivalent of twenty-five weeks over the four year program. Students are assigned to schools according to their selected divisions of concentration. Associate teachers are selected annually from the staffs of the public and separate schools and certain First Nations' schools.

## **Year 2**

### **EDUC 4203 Educational Psychology and Special Education (Junior/Intermediate)**

Credits: 3

In this course, candidates are introduced to the fields of Educational Psychology and Special Education. Topics will be selected from guidance and counselling, human development, theories of learning, cognition in children and adolescents, motivation, and psychological and educational assessment in school settings. An overview of special education services in Canada will be provided, with a focus on Ontario. Candidates will receive an overview of the types of exceptionalities that students may present. An introduction will be provided to the processes used to identify students with exceptionalities and plan individual programs. The range of special education services typically available in school systems will be discussed.

### **EDUC 4116 Language Arts (Junior/Intermediate)**

Credits: 3

Language - psychological and sociological factors influencing language learning; the language processes; listening, speaking, reading, writing; usage and grammar as functions of the individual's communication needs; current theories of reading instruction; expressive, transactional and poetic writing; literature; developmental programs in listening, speaking, reading and writing. Drama - drama as an expressive art: mime, improvisation, story drama; program development in drama.

### **EDUC 4681 Observation and Practice Teaching 2 (Junior/Intermediate)**

Prerequisite: EDUC 4651

Credits: 1

An examination of the basic components of the practicum including functions, roles, responsibilities and related skills; field experiences conducted in the elementary and secondary schools for the equivalent of twenty-five weeks over the four year program. Students are assigned to schools according to their selected divisions of concentration. Associate teachers are selected annually from the staffs of the public and separate schools and certain First Nations' schools.

## **Year 3**

### **EDUC 4117 Language Arts (Junior/Intermediate)**

Prerequisite: EDUC 4116

Credits: 3

Language - psychological and sociological factors influencing language learning; the language processes; listening, speaking, reading, writing; usage and grammar as functions of the individual's communication needs; current theories of reading instruction; expressive, transactional and poetic writing; literature; developmental programs in listening, speaking, reading and writing. Drama - drama as an expressive art: mime, improvisation, story drama; program development in drama.

### **EDUC 4228 Curriculum Methods - Part 2 (Junior/Intermediate)**

Prerequisite: EDUC 4218

Credits: 1

A study of teaching and learning in the Junior and Intermediate Divisions, relevant to selected models of instruction. An introduction to the role of educational media in the teaching-learning process, stressing the unique characteristics of various media, the principles of effective preparation and application of teacher materials. A study of computers in an educational setting leading to basic skills in the operation of a microcomputer.

### **EDUC 4691 Observation and Practice Teaching 3 (Junior/Intermediate)**

Prerequisite: EDUC 4681

Credits: 1

An examination of the basic components of the practicum including functions, roles, responsibilities and related skills; field experiences conducted in the elementary and secondary schools for the equivalent of twenty-five weeks over the four year program. Students are assigned to schools according to their selected divisions of concentration. Associate teachers are selected annually from the staffs of the public and separate schools and certain First Nations' schools.

**Year 4****EDUC 4224 Curriculum Studies 2 (Junior/Intermediate)**

Credits: 4

A study of curriculum development in the Junior and Intermediate Divisions in the following areas: Health and Physical Education - an examination of curriculum components that constitute a balanced physical and health education program for children in the Junior and Intermediate Divisions; participation in activities that promote growth in the four developmental channels of physical and health education; an investigation of current approaches designed to meet individual needs of children. Visual Arts - an introduction to art education with a focus on the interdependent relationships among contemporary art education, philosophy, psychology, methodology and art content; studio activities which will provide first-hand experience with a variety of art materials, tools, processes and techniques pertinent to the classroom. Music - a study of music curricula which promotes aesthetic development through experiences of singing, playing, listening, creating, moving and dramatizing; an examination of systems which develop the skills of reading and writing the language of music.

**EDUC 4234 Curriculum Studies 3 (Junior/Intermediate)**

Credits: 4.0

A rationale for curriculum design particular to mathematics, science and social studies; curriculum guidelines established by the Ministry of Education and Training for the Junior and Intermediate Divisions; planning appropriate curriculum units. A study of the aims, scope, sequence and structure of each subject area; media and materials particular to each area. Mathematics - the underlying structures and unifying principles of mathematics; the development of basic mathematical concepts in students in the Junior and Intermediate Divisions; an investigation of current approaches which link mathematical understanding to development in youth. Science - a study of contemporary approaches to the studies of science; the effects of perceived societal needs on the science curriculum. The preparation of a unit of study. Social Studies, Geography and History - current theories of instruction in Social Studies, History and Geography in the Junior and Intermediate Divisions; developing an understanding of the relationship of people with their social and physical environments in the past and present; promoting insight into the various ethnic groups that contribute to our society.

**EDUC 4238E Curriculum Methods - Part 3 (Junior/Intermediate)**

Prerequisite: EDUC 4228

Credits: 2

A study of teaching and learning in the Junior and Intermediate Divisions, relevant to selected models of instruction. An introduction to the role of educational media in the teaching-learning process, stressing the unique characteristics of various media, the principles of effective preparation and application of teacher materials. A study of computers in an educational setting leading to basic skills in the operation of a microcomputer.

**EDUC 4696 Observation and Practice Teaching 4 (Junior/Intermediate)**

Prerequisite: EDUC 4228

Credits: 3.0

An examination of the basic components of the practicum including functions, roles, responsibilities and related skills;

field experiences conducted in the elementary and secondary schools for the equivalent of twenty-five weeks over the four year program. Students are assigned to schools according to their selected divisions of concentration. Associate teachers are selected annually from the staffs of the public and separate schools and certain First Nations' schools.

# Nipissing University Advisory Committee on Teacher Education 2003–2004

## Appointed by Board of Governors

Dr. Sandra Reid  
Nipissing University  
Brantford, Ontario

Mr. Paul Moffat  
Board Member  
North Bay, Ontario

## Appointed by Senate

Professor Michelann Parr  
Nipissing University  
North Bay, Ontario

Professor Jim Mroczkowski  
Nipissing University  
North Bay, Ontario

## Appointed by Ontario Teachers' Federation

Ms. Nancy Kilgour (ETFO)  
Marshall Park Public School  
North Bay, Ontario

Mr. Doug Nichol (OECTA)  
St. Joseph-Scollard Hall  
North Bay, Ontario

Mr. Keith Pacey (OSSTF)  
West Ferris Secondary School  
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## Appointed by Ministry of Education and Training

Ms. Lorna Redwood  
Ministry of Education and Training  
North Bay, Ontario

Mr. Paul Anthony  
Ministry of Education  
Toronto, Ontario

## Appointed by Ontario Public Supervisory Officials' Association

Mr. Colin Vickers  
Near North District School Board  
North Bay, Ontario

## Appointed by Ontario Catholic Supervisory Officers' Association

Ms. Joanne Benard  
Nipissing-Parry Sound Catholic District School Board  
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Dean of Education  
Nipissing University

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Nipissing University

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Nipissing University

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Chair: Primary/Junior Division  
Nipissing University

Professor Heli Vail  
Chair: Junior/Intermediate Division  
Nipissing University

Professor Gerald Laronde  
Chair: Intermediate/Senior Division  
Nipissing University

## Recording Secretary

Ms. Mary Lecour  
Faculty of Education  
Nipissing University

# Academic Year 2004–2005

## Extension Education

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### Spring Session 2004 – March 22 to June 25

Fri. Feb. 27	Early registration deadline.
Fri. Mar. 12	Spring Session <b>6-credit or first-term 3-credit courses</b> with insufficient registration will be cancelled at this time.
Mon. Mar. 22	Spring Session classes begin this week.
Fri. Mar. 26	No registration or course changes for either Spring Session <b>6-credit or first-term 3-credit courses</b> will be permitted after this date.  Students withdrawing from either Spring Session <b>6-credit or first-term 3-credit courses</b> after this date will receive a "W" on their academic record.
Fri. Apr. 9	Good Friday - University closed.
Mon. Apr. 12	Easter Monday - University closed.
Fri. Apr. 16	Students withdrawing from Spring Session <b>first-term 3-credit courses</b> after this date will receive an "F" on their academic record.
Mon. May 3	Second term Spring Session <b>3-credit courses</b> begin.
Fri. May 7	Students withdrawing from Spring Session <b>6-credit courses</b> after this date will receive an "F" on their academic record.  No registration or course changes for Spring Session <b>second-term 3-credit courses</b> will be permitted after this date.  Students withdrawing from Spring Session <b>second-term 3-credit courses</b> after this date will receive a "W" on their academic record.
Mon. May 24	Victoria Day - University closed.
Fri. June 4	Students withdrawing from Spring Session <b>second-term 3-credit courses</b> after this date will receive an "F" on their academic record.
June 11-12	2004 Spring Convocation - Education.
Fri. June 25	Spring Session ends.

### Spring Intensive 2004 (May Intersession) - May 10 to June 4

Sun. Mar. 14	Registration opens.
Fri. Mar. 26	Early registration deadline.
Tues. Mar. 30	Classes with insufficient registration will be cancelled at this time.
Mon. May 10	Spring Intensive (May Intersession) classes begin. No registration or course changes for Spring Intensive courses will be permitted after this date.
Wed. May 12	Students withdrawing from Spring Intensive (May Intersession) courses after this date will receive a "W" on their academic record.
Fri. May 21	Students withdrawing from Spring (May Intersession) courses after this date will receive an "F" on their academic record.
Mon. May 24	Victoria Day - University closed.
Mon. May 31	Practicum begins for Spring Intensive courses.
Fri. June 4	Spring Intensive (May Intersession) course ends.

### Spring Intensive 2004 (June Intersession) - June 7 to June 25

Sun. Mar. 14	Registration opens.
Fri. Mar. 26	Early registration deadline.
Mon. June 7	Spring Intensive (June Intersession) classes begin.
Wed. June 9	No registration or course changes for Spring Intensive (June Intersession) courses will be permitted after this date.
Mon. June 14	Students withdrawing from Spring Intensive (June Intersession) courses after this date will receive a "W" on their academic record.
Fri. June 25	Students withdrawing from Spring Intensive (June Intersession) courses after this date will receive an "F" on their academic record.
Fri. June 25	Spring Intensive (June Intersession) courses end.



### Spring/Summer Session 2004 for Private Study & WebCT Courses (May 3 to August 20)

Private study courses may be delivered using print materials, CD-ROM, or the Internet (WebCT).

Fri. Mar. 26	Early registration deadline.
Fri. Apr. 8	No registrations or course changes for six-credit and <b>first term 3-credit Private Study courses</b> are permitted after this date. On-line (only) registrations for WebCT courses still accepted until April 23.  Courses with insufficient registrations will be cancelled at this time.
Fri. Apr. 9	Good Friday - University closed
Mon. Apr. 12	Easter Monday - University closed
Fri. Apr. 23	No registrations or course changes for six-credit and first term 3-credit WebCT courses are permitted after this date.
Mon. May 3	Six-credit and first-term 3-credit Spring/Summer Session courses begin.
Fri. May 14	Students withdrawing from either Spring/Summer <b>6-credit or first-term 3-credit courses</b> after this date will receive a "W" on their academic record.
Fri. June 4	No registrations or course changes for second-term 3-credit Private Study courses are permitted after this date. On-line (only) registrations for WebCT courses still accepted until June 18.  Students withdrawing from Spring/Summer <b>first-term 3-credit courses</b> after this date will receive an "F" on their academic record.
Fri. June 18	No registrations for second-term 3-credit WebCT courses are permitted after this date.
Mon. June 28	Spring/Summer <b>second-term 3-credit courses</b> begin.
Fri. July 9	Students withdrawing from <b>second-term 3-credit courses</b> after this date will receive a "W" on their academic record.  Students withdrawing from <b>6-credit courses</b> after this date will receive an "F" on their academic record.
Fri. July 23	Students withdrawing from <b>second-term 3-credit courses</b> after this date will receive an "F" on their academic record.

Fri. Aug. 20 Spring/Summer Session ends.

### Summer Session 2004 for On-Site Courses - July 5 to July 30

On-site refers to courses taught in a classroom setting in a lecture format with the instructor present.

Fri. May 21	Early registration deadline
Fri. June 4	Courses with insufficient registration will be cancelled at this time.
Thurs. July 1	Canada Day - University closed.
Mon. July 5	Summer Session classes begin. No registration or course changes for Summer Session <b>6-credit or first-term 3-credit courses</b> will be permitted after this date.
Wed. July 7	Students withdrawing from Summer Session <b>first-term 3-credit courses or 6-credit courses</b> after this date will receive a "W" on their academic record.
Fri. July 9	Students withdrawing from Summer Session <b>first-term 3-credit courses</b> after this date will receive an "F" on their academic record.
Thurs. July 15	Second-term Summer Session <b>3-credit courses</b> begin.  No registration or course changes for Summer Session <b>second-term 3-credit courses</b> will be permitted after this date.
Fri. July 16	Students withdrawing from Summer Session <b>6-credit or courses</b> after this date will receive an "F" on their academic record.
Mon., July 19	Students withdrawing from Summer Session <b>second-term 3-credit courses</b> after this date will receive a "W" on their academic record.
Fri. July 23	Students withdrawing from Summer Session <b>second-term 3-credit courses</b> after this date will receive an "F" on their academic record.
Fri. July 30	Summer Session ends.
Mon. Aug. 2	Civic Holiday - University closed.
<b>Fall/Winter Session 2004-2005 Private Study, WebCT, and On-Site Courses</b>	
Mon. July 12	Registration for Fall/Winter begins. Registrations received prior to this date will not be accepted.

**Fall Term 2004**

Tues. August 31	Early registration deadline for Private Study and WebCT courses that begin in the Fall.
Fri. Sept. 10	Early registration deadline for On-site courses that begin in the Fall.
Mon. Sept. 13	No registration for Fall/Winter private study 6-credit or first-term 3-credit Private Study courses will be permitted after this date. On-line registrations (only) for WebCT courses will be accepted until October 1.  <b>6-credit or first-term 3-credit courses</b> with insufficient registration will be cancelled at this time.
Mon. Sept. 27	On-site <b>6-credit or first-term 3-credit</b> Fall/Winter Session classes begin during this week.
Fri., Oct. 1	No registrations for WebCT courses that begin in the Fall will be permitted after this date.
Fri. Oct. 8	No registration or course changes for on-site Fall/Winter Session <b>6-credit or first-term 3-credit courses</b> will be permitted after this date.  Students withdrawing from Fall/Winter Session <b>6-credit or first-term 3-credit on-site courses</b> after this date will receive a "W" on their academic record.
Mon. Oct. 11	Thanksgiving Monday - University closed.
Tues. Oct. 12	Private study <b>6-credit or first-term 3-credit</b> Fall/Winter Session courses begin.
Fri. Oct. 22	Students withdrawing from Fall/Winter Session <b>6-credit or first-term 3-credit</b> Private Study and WebCT courses after this date will receive a "W" on their academic record.
Fri. Nov. 12	Students withdrawing from Fall/Winter Session <b>first-term 3-credit on-site courses</b> after this date will receive an "F" on their academic record.
Fri. Nov. 26	Students withdrawing from Fall/Winter Session <b>first-term 3-credit</b> Private Study and WebCT courses after this date will receive an "F" on their academic record.
Fri. Dec. 31	Fall/Winter <b>first-term 3-credit courses</b> end.

**Winter Term 2005**

Fri. Nov. 19	Early registration deadline for Fall/Winter <b>second-term 3-credit and 6-credit</b> Winter/Spring Session courses.
Fri. Dec. 3	No registration for Fall/Winter private study <b>3-credit courses and 6-credit</b> Winter/Spring Session courses will be permitted after this date. On-line registrations (only) for WebCT courses will be accepted until Dec. 17.  <b>Winter second-term 3-credit courses or 6-credit</b> Winter/Spring session courses with insufficient registration will be cancelled at this time.
Mon. Jan. 3	University Closed
Tues. Jan. 4	Fall/Winter Session <b>second-term 3-credit courses</b> and Winter-Spring <b>6-credit courses</b> begin.
Fri. Jan. 7	Students withdrawing from Fall/Winter Session <b>6-credit on-site courses</b> after this date will receive an "F" on their academic record.
Fri. Jan. 14	No registration or course changes for on-site Fall/Winter Session <b>second-term 3-credit courses</b> or Winter/Spring Session <b>6-credit courses</b> will be permitted after this date.  Students withdrawing from Fall/Winter Session <b>second-term 3-credit courses</b> or Winter/Spring Session <b>6-credit courses</b> after this date will receive a "W" on their academic record.
Fri. Jan. 21	Students withdrawing from Fall/Winter Session <b>6-credit</b> Private Study and WebCT courses after this date will receive an "F" on their academic record.
Fri. Feb. 4	Applications for graduation at the 2005 Spring Convocation must be submitted prior to this date.
Fri. Feb. 11	Students withdrawing from Fall/Winter Session <b>second-term 3-credit courses</b> will receive an "F" on their academic record.
Fri. Mar. 25	Fall/Winter Session <b>6-credit and second-term 3-credit courses</b> end.
Thurs. Apr. 1	Students withdrawing from Winter/Spring Session <b>6-credit courses</b> after this date will receive an "F" on their academic record.
Fri. June 24	Winter/Spring <b>6-credit courses</b> end.

## Extension (In-Service) Education

Extension Education courses taken from Nipissing University may be used by candidates for one or more of the following purposes:

- a) Most Extension Education courses are Additional Qualification courses that, upon successful completion may be recorded on the candidate's Ontario College of Teachers Certificate of Qualification.
- b) All Extension Education courses are degree credit courses and will appear on the candidate's university transcript.

Some Extension Education courses can lead towards a Degree or Diploma program such as the Bachelor of Education in Extension Program, Diploma in Education, Advanced Bachelors Degree in Education, or Advanced Bachelors Degree in Educational Leadership.

Extension Education courses may be offered in the following ways:

- a) on-site at Nipissing University;
- b) off-campus in various communities including, but not limited to, Brantford, York Region, Simcoe County, Muskoka, Parry Sound, North Bay, Sudbury, Manitoulin Island, Sault Ste. Marie area, and Timmins.
- c) through Private Study, where the student works independently and corresponds with the instructor via mail, telephone, fax and/or e-mail.
- d) through WebCT, where the student works independently using this on-line learning management system. These courses are often supported with print reading material and may require participation/interaction using a discussion board.

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## Charges and Fees

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### General Information

This Calendar is published several months in advance of the academic year. The University reserves the right to change fees and refund policies without notice.

Non-payment of fees may render a student ineligible for registration in future sessions. In addition, students who are in financial arrears to the University will not be issued their transcripts of record, statement of standing or related evidence of their academic progress, nor will they be recommended to the Ontario College of Teachers, until such time that their accounts are clear.

Payment of academic fees does not imply a student's acceptance to the University or approval of their registration. Academic requirements have to be satisfied before registration is completed.

Registrations sent by Fax must be accompanied by a credit card number, expiry date and signature. Verbal credit card authorizations are not permitted.

Instructors and Area Coordinators are not responsible for forwarding payments to the University.

### Course Cancellations

In the event that a course is cancelled by the University, registered students will receive a full refund of their fees.

### Course Withdrawals

All full courses are subject to a \$100.00 non-refundable cancellation (withdrawal) fee. Each half course is subject to a \$50.00 non-refundable cancellation (withdrawal) fee. Should you choose to withdraw from a course, the tuition credit schedule will be applicable to the remainder of the course registration fee (after the cancellation fee has been deducted).

### Early Registration Discount

Students who register early may be eligible for an early registration discount. The Early Registration Deadlines are published in the Additional Qualification Courses for Teachers publication and are available on-line at [www.nipissingu.ca/aq](http://www.nipissingu.ca/aq).

### Payment of Fees

Full payment must be made at the time of registration by credit card, cheque, or money order. Registrations that are received without full payment will not be processed. Credit card payments that cannot be processed for any reason will be subject to a processing fee of \$20. Cheques must be made payable to "Nipissing University". Cash payments will be accepted if made in person at the Finance Office.

Total fees payable are calculated in accordance with the fee schedule as published in the Additional Qualifications Courses for Teachers publication produced annually by the In-Service Education office. Payments sent by mail and postmarked by midnight of the deadline date will be accepted without penalty. If payment is sent by mail please ensure that your Nipissing University student number is recorded on the front of the cheque. Students who fail to comply with their payment requirements will be subject to a finance service charge of \$35.

Tuition and fees owing should be paid in full at the time of registration, by cheque, money order, MasterCard or VISA credit card. Verbal credit card authorizations are not permitted. Stopping payment on a cheque presented at registration does not constitute official withdrawal. Any student who issues a cheque for payment to Nipissing University and whose cheque is returned to the University for any reason will be subject to a service charge of \$40 for cheques equal to or greater than \$250.00, and \$20.00 for cheques less than \$250.00.

Non-payment of fees will render a student ineligible for registration in future sessions. In addition, students who are in financial arrears to the University will not be issued their transcripts of record, statement of standing or related evidence of their academic progress, nor will they be recommended to the Ontario College of Teachers until such time as their accounts are cleared.

## Tuition Fees

Current tuition fees for all Extension Education courses are published in the 2004-2005 Additional Qualifications Courses for Teachers publication and on the Professional Development for Teachers website at [www.nipissingu.ca/aq](http://www.nipissingu.ca/aq). Fees may be subject to change.

Nipissing University welcomes senior citizens (60 years of age or over as at the date of registration) as students. Regular tuition and incidental fees are applicable for senior citizens, however a tuition fee waiver may be available upon request. Please direct inquiries regarding this waiver to the Financial Aid Office.

## Other Fees

Student Card (optional)	\$ 4.25
Duplicate T2202A Receipt	5.00
** Transcript Fee	8.00
* Special Final Examinations	56.00
* F.S.L. Testing oral/written	32.00
* FSL Retest	48.00

- \* All fees are payable by cash, cheque, or money order
- \*\* Transcripts may be ordered by fax and charged to your MasterCard or VISA credit card. Along with your request, please include your student number, credit card number, expiry date and signature. Verbal authorizations will not be permitted. Requests should be faxed to the Office of the Registrar at (705) 495-1772.

## Withdrawal and Tuition Fee Adjustment

By registering, students undertake to pay all fees for the entire year regardless of any arrangements made for deferred payments. Students wishing to withdraw from extension education courses must either withdraw using WebAdvisor or must submit a letter of withdrawal to the attention of the Office of the Registrar. After the request has been processed by the Office of the Registrar, the student is then officially withdrawn and may be eligible for a credit of a portion of tuition fees to their account. All withdrawals are subject to a cancellation fee of \$100 (full courses) or \$50 (half courses). A withdrawal schedule is published in the 2004-2005 Additional Qualification Courses for Teachers publication and is also available on the Professional Development for Teachers website at [www.nipissingu.ca/aq](http://www.nipissingu.ca/aq).

## Tuition Credit Schedule

Once a student has officially withdrawn from a course they may be eligible for a credit of a portion of tuition fees to their account. All course withdrawals are subject to a cancellation fee (6 credit - \$100.00, 3 credit - \$50.00). The following is a tuition refund schedule applicable to the remainder of the course registration fee. The amount of the credit is calculated from the date the withdrawal letter is received by the Office of the Registrar. If a credit remains on a student's account after all fees are paid, a refund cheque will be issued. Refund cheques are generally processed 4-6 weeks after a student has withdrawn and are mailed to the permanent home address.

### Example:

Withdrawn at 90% Refund Date, Full Payment Made	
Payment - 6 Credit (Early Registration Fee)	\$800.00
Cancellation Fee	100.00
<b>SUBTOTAL</b>	<b>\$700.00</b>
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Refund Cheque will be in the amount of (700 X 90%)	\$630.00
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### Refund Calculations - Quick Reference Guide (Based on Full Payment):

#### 6-credit - \$800 Paid (Early Registration Fee)

Credit %	Refund
100%	\$700.00
90%	\$630.00
75%	\$525.00
50%	\$350.00
25%	\$175.00

#### 6-credit - \$850 Paid

Credit %	Refund
100%	\$750.00
90%	\$675.00
75%	\$562.50
50%	\$375.00
25%	\$187.50

#### 3-credit - \$400 Paid (Early Registration Fee)

Credit %	Refund
100%	\$350.00
90%	\$315.00
75%	\$262.50
50%	\$175.00
25%	\$87.50

#### 3-credit - \$425 Paid

Credit %	Refund
100%	\$375.00
90%	\$337.50
75%	\$281.25
50%	\$187.50
25%	\$93.75

## Spring/Summer Session

<b>Spring On-Site</b>	<b>Full Session Beginning March 22/04</b> * "SF"	<b>First Term Beginning March 22/04</b> * "SH"	<b>Second Term Beginning May 3/04</b> * "SP"	<b>Credit</b>
*course code includes				
Beginning of Session	March 22/04	March 22/04	May 7/04	100%
On or before	April 2/04	April 2/04	May 14/04	75%
On or before	April 16/04	April 9/04	May 21/04	50%
On or before	April 30/04	April 16/04	May 28/04	25%
After	April 30/04	April 16/04	May 28/04	0%
<b>Spring Intensive (North Bay only) Graduating BEd students</b>	<b>Full Session Beginning May 10/04</b> * "IM"	<b>First Term Beginning June 7/04</b> * "IJ"		<b>Credit</b>
*course code includes				
Beginning of session	May 10/04	June 7/04		100%
On or before	May 11/04	June 8/04		75%
On or before	May 12/04	June 9/04		50%
On or before	May 14/04	June 11/04		25%
After	May 14/04	June 11/04		0%
<b>Spring/Summer Private Study &amp; WebCT</b>	<b>Full Session Beginning May 3/04</b> * "SS"	<b>First Term Beginning May 3/04</b> * "SP"	<b>Second Term Beginning June 28/04</b> * "SU"	<b>Credit</b>
*course code includes				
Beginning of session	May 3/04	May 3/04	June 28/04	100%
On or before	May 10/04	May 10/04	July 5/04	75%
On or before	May 24/04	May 17/04	July 12/04	50%
On or before	June 7/04	May 24/04	July 16/04	25%
After	June 7/04	May 24/04	July 16/04	0%
<b>Summer On-Site</b>	<b>Full Session Beginning July 5/04</b> * "SU"	<b>First Term Beginning July 5/04</b> * "SE"	<b>Second Term Beginning July 15/04</b> * "SL"	<b>Credit</b>
*course code includes				
Beginning of session	July 5/04	July 5/04	July 15/04	100%
On or before	July 12/04	July 7/04	July 16/04	75%
On or before	July 19/04	July 8/04	July 19/04	50%
On or before	July 23/04	July 9/04	July 20/04	25%
After	July 23/04	July 9/04	July 20/04	0%

## Fall/Winter Session

<b>Fall/Winter &amp; Winter/Spring Private Study, and WebCTOn-site</b>	<b>Full Session Fall</b> * "FW"	<b>Fall First Term</b> * "FA"	<b>Winter Second Term</b> * "WI"	<b>Full Session Winter</b> * "WS"	<b>Credit</b>
*course code includes					
Beginning of session	Oct. 12/04	Oct. 12/04	Jan. 4/05	Jan. 4/05	100%
On or before	Oct. 19/04	N/A	N/A	Jan. 11/05	90%
On or before	Oct. 26/04	Oct. 19/04	Jan. 11/05	Jan. 18/05	75%
On or before	Nov. 9/04	Oct. 26/04	Jan. 18/05	Feb. 2/05	50%
On or before	Nov. 23/04	Nov. 2/04	Jan. 25/05	Feb. 15/05	25%
After	Nov. 23/04	Nov. 2/04	Jan. 25/05	Feb. 15/05	0%

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## How to Apply

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Applicants may register for Extension Education courses in-person at the Office of the Registrar, or by mail or fax. Current students can also register online using WebAdvisor by accessing the Nipissing University website ([www.nipissingu.ca](http://www.nipissingu.ca)) and clicking on the "My Nipissing" button. The necessary forms can be requested from the Office of the Registrar or they can be downloaded from the Nipissing University Professional Development for Teachers website ([www.nipissingu.ca/aq](http://www.nipissingu.ca/aq)). Applicants may also register in person at special on-site registration sessions that may be scheduled in some locations.

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## Academic Regulations/ Course Information

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### Academic Changes and Withdrawals

Students wishing to withdraw must either withdraw by using WebAdvisor or must submit a letter of withdrawal to the Office of the Registrar prior to the deadline date (see Academic Year (in the Index) for deadlines). After this request has been processed by the Office of the Registrar, the student is then officially withdrawn and may be eligible for a credit of a portion of their fees. An Academic Withdrawal schedule is published in the Additional Qualifications Courses for Teachers publication and can be viewed on-line by accessing [www.nipissingu.ca/aq](http://www.nipissingu.ca/aq).

### Academic Dishonesty

The University takes a most serious view of offences against academic honesty such as plagiarism, cheating and impersonation. Penalties for dealing with such offences will be strictly enforced. The complete policy on Academic Dishonesty is in the Policies section of the Calendar (see Policies on Academic Dishonesty section in the Index).

### Attendance

Punctual and regular attendance is essential for the successful completion of a course. When absenteeism exceeds 20%, the student may be excluded from writing the final examination or otherwise completing the course.

### Auditors

Auditing of Extension Education courses is not permitted.

### Class Hours

Six-credit courses (full courses) require a total of 125 hours of work. Three-credit courses (half courses) require a total of 63 hours of work.

### Course Identification

Unless otherwise designated in the course description, a course whose fourth digit is 0 or 5 will have the value of six credits, and courses whose fourth digit is 1, 2, 6, or 7, will have the value of three credits.

## Deadlines

See Extension Education - Academic Year 2004-2005 (see Extension Education in the Index).

## Final Examinations

Some Extension Education courses may include a final exam. Final examinations may be scheduled during the day or evening. Students unable to write a final examination because of illness or other circumstances beyond their control, or whose performance on the examination was impaired by such circumstances, may, on application, be granted permission to write a special final examination. Such applications must:

- a) be made in writing to the Associate Dean of Education not later than one week after the date of the examination; and
- b) be fully supported in the cases of illness by a medical certificate or by appropriate documents in other cases.

Final examinations for courses offered through distance education (i.e. Private Study), can be held in the student's home community, at a time agreed to by the instructor. Students will make arrangements for their own proctors, and advise their instructor of proctors' names and addresses well in advance of the exam date.

### Special Final Exams

Students who fail to take a final examination for justifiable reasons may present, through the Associate Dean of Education, a petition for a special examination. The petition must be filed within one week of the day of the regular examination. A fee for a special final examination will be levied to cover the expenses entailed.

### Review of Final Examination Marks

Students may apply to the Office of the Registrar to view their final examination paper. Upon request by the student and at a time mutually agreed upon by the instructor and student, the instructor will review the examination paper in the presence of the student. The closing date to request reviews is one month after the release of marks.

### French as a Second Language Proficiency Testing

All candidates who do not have a Certificate of Bilingualism or who have not completed their Bachelor of Education degree at a French faculty, and wish to take French as a Second Language Part I must successfully complete the French Language Proficiency Test. The test consists of an oral interview of approximately fifteen minutes with two evaluators. The written test consists of 75 grammar questions and a paragraph for style. The passing mark is 70% on both the oral and written components. A testing fee of \$32 (non-refundable), payable to Nipissing University at the Finance Office is required. There is a re-testing fee of \$48. Test results are valid for two calendar years.

## Grades and the Basis for Assessment

Each course may have a final examination worth a minimum 30% or a maximum of 70% in each course, as well as at least one major assignment. Students' grades in each course will be based upon the course work and the final examination (if applicable). The course instructor will discuss with the class the

basis for assessment, specifying the relative weight of each examination, test, lab report and essay. All assignments must be completed in order to receive a grade in the course. The final marks used by Nipissing University are the only ones accepted as binding on the University. The instructor is required to return to students all written work, other than final examinations, that has been submitted for evaluation purposes.

### Incomplete Grades

In exceptional circumstances, a student may request consideration for an Incomplete grade (I). Such requests must be submitted in writing, through the instructor to the Associate Dean, together with the reasons for the request.

Any student assigned an Incomplete grade must complete all course requirements within one month after the completion date of the course. If after that period the course is not completed or an extension has not been granted by the Associate Dean, a grade of "F" will be recorded on the student's academic record.

In order to be considered for an extension of the completion date beyond the normal one-month period (which must be approved by the instructor), a student must submit a written request to the Associate Dean, through the instructor, explaining the reasons for such an extension. Under no circumstances may a completion date exceed six months from the end of the course.

### Petitions and Appeals

See Guidelines for the Operation of the Senate Admissions, Petitions, and Promotions Committee see Guidelines for the Operation of the Senate Admissions, Petitions, and Promotions Committee in the Index), or Guidelines for the Operation of the Student Grade Appeals and Petitions Committee (see Guidelines for the Operation of the Student Grade Appeals and Petitions Committee in the Index).

### Release of Final Marks

Final marks are withheld from students who have an outstanding account at the University or Library, and such students will forfeit their right to appeal grades. In addition, recommendation to the Ontario College of Teachers will be withheld for those students who are in financial arrears to the University, who have not submitted the required admission documentation, or who have not returned borrowed University course material.

### Transcript of Records

Requests for official transcripts must be made through the Office of the Registrar. The fee for transcripts is \$8, and is due before the request is processed. Transcripts must be requested in writing or in person; telephone requests will not be accepted.

### Writing Competency Requirement for Diploma in Education Students

For complete details of the Writing Competency Requirement for Diploma in Education Students, please refer to that Policy section of the Calendar (see Writing Competency Requirement for Diploma in Education Students in the Index).

## Advanced Bachelors Degree in Education Degree Program

The Advanced Bachelors Degree in Education is available to fully qualified teachers who already hold a Bachelor of Education Degree and are taking additional qualification courses.

### Admission Requirements

Candidates must hold an approved undergraduate degree and a Bachelor of Education degree from an accredited university and an Ontario Certificate of Qualification or equivalent. A 70% average in the undergraduate degree is normally required for admission.

Applicants with a 65 to 69% average may be offered admission after review by the In-Service Education Committee. Upon the committee's recommendation, admission for such applicants will be conditional on attaining 70% or better on the first six credits of study.

Students may transfer previously completed Additional Qualification courses into the program to a maximum of eighteen credits. Transferred courses must be **no more than seven years old at the time of graduation** and cannot have been used to complete another degree.

Additional Qualification courses that can be transferred include Additional Basic Qualification courses, Honour Specialist Qualification courses, One-Session Additional Qualification courses and Three-Session Specialist Qualification courses. These courses must be university credit courses from a recognized university (i.e., recorded on the university transcript with credit value assigned). **Only six of the eighteen credits can be credit courses from a university other than Nipissing.**

### Degree Requirements

Students must complete a minimum of 36 credits, either:

- a) two Group Four Three-session Specialist Qualifications; or
- b) one Group Four Three-session Specialist Qualification plus any eighteen credits from:
  - Group One - Additional Basic Qualifications
  - Group Two - Honour Specialist Qualifications
  - Group Three - One-session Qualifications, and/or
  - Group Four - Three-session Specialist Qualifications.

Only courses completed within seven years of the date of graduation will be counted. The candidate must maintain a 70% average with no individual courses below 60%. Only courses taken at Nipissing University will be included in the calculation of averages.

### Single and Combined Foci

The Advanced Bachelors Degree in Education enables the candidate to go beyond their Bachelor of Education degree to focus on one or two areas of curriculum, teaching, and learning. The

areas of focus are the Group Four Three-Session Qualifications as follows:

The Blind;  
 Computers in the Classroom;  
 Computer Studies- Computer Science;  
 Cooperative Education;  
 The Deaf;  
 The Deaf/Blind;  
 Design and Technology;  
 Dramatic Arts;  
 English as a Second Language;  
 Environmental Science;  
 French as Second Language;  
 Guidance;  
 Intermediate Education;  
 Junior Education;  
 Librarianship;  
 Mathematics in Primary/Junior Education;  
 Media;  
 Music-Instrumental;  
 Music-Vocal (Primary/Junior);  
 Native as a Second Language;  
 Physical and Health Education (Primary/Junior);  
 Primary Education;  
 Reading;  
 Religious Education;  
 Science in Primary/Junior Education;  
 Special Education;  
 Visual Arts.

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## Admission and Registration Procedures

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To apply for admission to the Advanced Bachelors Degree in Education program, candidates must complete the Application for Admission - Advanced Bachelors Degree in Education form, and:

- a) provide official transcripts showing completion of an approved undergraduate degree **and** a Bachelor of Education degree or the equivalent. Official transcripts must be mailed to the Office of the Registrar. **They cannot be photocopied or faxed.**
- b) provide a copy of their Certificate of Qualification or equivalent.

Individual courses toward the Advanced Bachelors Degree in Education are described in the Extension Education section of the Academic Calendar (Professional Development for Teachers, Groups One, Two, Three and Four). To register for individual courses, complete the Registration for Part-Time Education Programs form and submit the required documentation as described for that course, as well as the full course fee. Forms can be obtained from the Office of the Registrar or downloaded from the Nipissing University website ([www.nipissingu.ca/eq](http://www.nipissingu.ca/eq)).

## Good Academic Standing

Students in the program are in good academic standing if they have:

- a) satisfied all conditions of admission;
- b) attained a grade of at least 60% on all courses taken in the program.

## Required Withdrawal from the Program

Students in the Advanced Bachelors Degree in Education Program will be required to withdraw from the program if one or more of the following apply:

- a) they have been granted special admission with an academic average below 70% and have not attained at least 70% on their first 6 credits;
- b) they attain less than 60% on any course.

Students who are required to withdraw from the program may petition the Senate Committee on Admissions, Promotions, and Petitions for re-admission after one calendar year.

## Advanced Bachelors Degree in Educational Leadership Program

The Advanced Bachelors Degree in Educational Leadership is available to fully qualified teachers who already hold a Bachelor of Education Degree and are preparing themselves to be school administrators.

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## Admission Requirements

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Candidates must hold an approved undergraduate degree and a Bachelor of Education degree from an accredited university, an Ontario Certificate of Qualification or equivalent, and meet requirements for admission to the Principal's Qualification Program. A 70% average in the undergraduate degree is normally required for admission.

Applicants with a 65 to 69% average may be offered admission after review by the In-Service Education Committee. Upon the committee's recommendation, admission for such applicants will be conditional on attaining 70% or better on the first six credits of study.

Students may transfer previously completed Additional Qualification courses into the program to a maximum of twelve credits. Transferred courses must be **no more than seven years old at the time of graduation** and cannot have been used to complete another degree.

Additional Qualification courses that can be transferred include Additional Basic Qualification courses, Honour Specialist Qualification courses, One-Session Additional Qualification courses and Three-Session Specialist Qualification courses. These courses must be university credit courses from a recognized university (i.e., recorded on the university transcript with credit value assigned). **Only six of the twelve credits can be credit courses from a university other than Nipissing.**



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## Degree Requirements

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To be eligible to graduate, candidates must complete:

- EDUC 4000 Principal's Qualification Program, Part I (6 credits)
- EDUC 4005 Principal's Qualification Practicum Independent Study (6 credits)
- EDUC 4010 Principal's Qualification Program, Part II (6 credits)

Up to twelve credits from Groups 1, 2, 3, 4, and 5

At least six credits of school leadership courses from:

- EDUC 4906 The Educational Leader's role in Curriculum Implementation (3 credits)
- EDUC 4956 Staff Development (3 credits)
- EDUC 4957 Community/School Relationships (3 credits)
- EDUC 4966 Information Technology in Educational Leadership (3 credits)
- EDUC 4997 Data based Decision Making (3 credits)
- EDUC 4996 Organization Development (3 credits)
- EDUC 4976 School Leadership A/B (3 credits)
- EDUC 4972 School Leadership C/D (3 credits)

This represents a minimum of 36 credits. Only courses completed within seven years of the date of graduation will be counted.

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## Admission and Registration Procedures

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To apply for admission to the Advanced Bachelors Degree in Educational Leadership program, candidates must complete the Application for Admission - Advanced Bachelors Degree in Educational Leadership form, and:

- a) Provide official transcripts showing completion of an approved undergraduate degree **and** a Bachelor of Education degree or the equivalent. Official transcripts must be mailed to the Office of the Registrar. **They cannot be photocopied or faxed.**
- b) Provide a copy of their Certificate of Qualification or equivalent.
- c) Provide evidence of completion of the requirements for admission to EDUC 4000, Principal's Qualification Program, Part I. These requirements are found in the Extension Education section of the Academic Calendar, Professional Development for Teachers courses, Group Six.

Individual courses toward the Advanced Bachelors Degree in Educational Leadership are described in the Extension Education section of the Academic Calendar (Professional Development for Teachers, Groups One, Two, Three, Four, Five, Six and Seven). To register for individual courses, complete the Registration for Part-Time Education Programs form and submit the required documentation as described for that course. It is strongly recommended that candidates complete EDUC 4000, 4005 and 4010 before enrolling in elective courses. All forms can be obtained from the Office of the Registrar or downloaded from the Professional Development for Teachers website ([www.nipissingu.ca/aq](http://www.nipissingu.ca/aq)).

## Good Academic Standing

Students in the program are in good academic standing if they have:

- a) satisfied all conditions of admission;
- b) attained a grade of at least 60% on all courses taken in the program.

## Required Withdrawal from the Program

Students in the Advanced Bachelors Degree in Educational Leadership Program will be required to withdraw from the program if one or more of the following apply:

- a) they have been granted special admission with an academic average below 70% and have not attained at least 70% on their first 6 credits;
- b) they attain less than 60% on any course.

Students who are required to withdraw from the program may petition the Senate Committee on Admissions, Promotions, and Petitions for re-admission after one calendar year.

## Bachelor of Education in Extension Degree Program

The Extension Education Bachelor of Education degree may be acquired in one of two ways:

**Program 1** enables those educators who possess a recognized bachelor's degree and a Certificate of Qualification to obtain a Bachelor of Education degree. Candidates will be recommended to the Ontario College of Teachers for an additional qualification if the grade achieved in the course is 60% or over.

**Program 2** enables those educators who possess a recognized bachelor's degree but who do not have a Certificate of Qualification to obtain a Bachelor of Education degree.

**Note:** An Ontario Certificate of Qualification will not be granted to those students who complete Program 2, nor will these courses be credited towards a Certificate of Qualification.

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## Admission Requirements

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### Program 1

The following admission criteria must be met with supporting documentation:

- a) the Ontario Certificate of Qualification or its equivalent documentation;
- b) an approved undergraduate degree from an accredited university.

### Program 2

- a) an approved undergraduate degree from an accredited university.

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## Degree Requirements

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To graduate with a BEd in Extension degree, students must:

- successfully complete 30 credits offered by the Nipissing University Faculty of Education, in no more than 48 credit attempts;
- complete each course presented for the degree with a minimum grade of 60%;
- attain a minimum overall average of 70% on all courses presented for the degree;
- complete all required courses after no more than two attempts in any one course.

### Program 1

- Students may choose from any Education Extension courses offered by Nipissing University; or

### Program 2

- 12 credits (i.e. EDUC 4765E - Instructional Strategies and EDUC 4895E - Curriculum Planning) are required courses;
- Students may only choose from the Education Extension courses described in Group Three, Group Four (Part I courses only) and Group Five - Bachelor of Education Courses offered by Nipissing University.

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## Admission and Registration Procedures

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- Program 1** - Complete the Application for Admission which is available from the Office of the Registrar, or can be downloaded on-line at [www.nipissingu.ca/aq](http://www.nipissingu.ca/aq), if you are new to the program; or

**Program 2** - Complete the Application for Admission (Part-time) which is available from the Office of the Registrar, or can be downloaded on-line at [www.nipissingu.ca/aq](http://www.nipissingu.ca/aq), if you are new to the program;

- complete the Registration for Part-time Education Programs form, which may be obtained from the Office of the Registrar, or can be downloaded on-line at [www.nipissingu.ca/aq](http://www.nipissingu.ca/aq);
- provide an original transcript showing completion of an approved undergraduate degree from an accredited university. It may not be photocopied or faxed.

## Diploma in Education Program

The Diploma in Education program is designed for anyone working in the field of education, such as literacy tutors, classroom assistants, human resources personnel, etc. Students require an Ontario Grade 12 diploma, or equivalent, for admission.

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## Admission Requirements

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The following admission criteria must be met with supporting documentation:

- successful completion of Ontario Grade 12 (or equivalent).

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## Diploma Requirements

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To obtain a Diploma in Education, students must:

- successfully complete 30 credits offered by the Nipissing University Faculty of Education, in no more than 48 credit attempts. Only courses from Group Five - Bachelor of Education and Diploma in Education Courses will be accepted;
- complete each course presented for the diploma with a minimum grade of 60%;
- attain a minimum overall average of 70% on all courses presented for the diploma;
- complete all courses presented for the diploma after no more than two attempts in any one course;
- complete the following two required courses (12 credits):  
EDUC 4765 - Instructional Strategies  
EDUC 4895 - Curriculum Planning
- complete the University Writing Competency Requirement (see Writing Competency Requirement in the Index) in the English language with a grade of 1 or 2, within the first 12 credits.

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## Admission and Registration Procedures

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- complete the Application for Admission (Part-time) which is available from the Office of the Registrar or can be downloaded on-line from [www.nipissingu.ca/aq](http://www.nipissingu.ca/aq), if you are new to the program;
- complete the Registration for Part-time Education Programs form, which may be obtained from the Office of the Registrar or downloaded on-line from [www.nipissingu.ca/aq](http://www.nipissingu.ca/aq);
- provide proof of successful completion of Ontario Grade 12 (or equivalent). An official transcript must be mailed to the Office of the Registrar. It may not be photocopied or faxed.

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## Graduation (Bachelor of Education in Extension and Diploma in Education)

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Students must complete an Application for Graduation form, available from the Office of the Registrar, when they are taking their final course(s). Application is required of all graduates whether or not they attend Convocation. Forms must be returned to the Office of the Registrar by the deadline specified in the Academic Year section of the Academic Calendar. Appli-

cations received after the deadline will be applied to the following graduation year.

Students who are unable to attend the Convocation ceremony (the date is indicated in the Academic Year section of the Academic Calendar) should request on their Application for Graduation that the degree be conferred in absentia. Diplomas will be mailed to those who do not attend convocation.

Students who go on to obtain an approved undergraduate degree from an accredited university within six years of completing the Diploma in Education may apply to graduate from Nipissing University with a Bachelor of Education degree (Program 2). The BEd in Extension (Program 2) will not lead to the granting of an Ontario Certificate of Qualification, nor will courses taken in this program or the Diploma in Education program be credited towards an Ontario Certificate of Qualification.

## Professional Development for Teachers

**All education extension (in-service education) courses are degree credit courses. Courses with this symbol (\*) lead to a degree credit and are recognized by the Ontario College of Teachers.**

To be recommended to the Ontario College of Teachers for an additional qualification, a mark of 60% or over is required in a course.

Note: For those students who have an Ontario Certificate of Qualification and are working towards an undergraduate degree, courses taken through Extension Education may be credited towards a BEd in Extension, provided they have been completed within a period of four years prior to completion of the undergraduate degree.

All courses are not always available. Detailed course listings are available in the Nipissing University Additional Qualifications Courses for Teachers publication and on the Nipissing University Professional Development for Teachers website ([www.nipissingu.ca/aq](http://www.nipissingu.ca/aq)). The university reserves the right to change fees, amend offerings, limit enrolment and cancel courses.

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## Admission Requirements

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See admission requirements specified under each group of course offerings.

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## Admission and Registration Procedures

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For registration in courses from Groups One to Five offered through Extension Education, applicants must:

- a) complete the Registration for Part-time Education Programs form which is available from the Office of the Registrar and downloadable from the Nipissing University website, or current students can register on-line using Nipissing

University WebAdvisor by accessing the Nipissing University website at [www.nipissingu.ca](http://www.nipissingu.ca) and clicking on the "My Nipissing" button;

- b) provide a photocopy of their Ontario Certificate of Qualification, Interim Certificate or equivalent documentation. A Letter of Acknowledgement of Additional Qualification, issued by the Ontario College of Teachers, will be accepted as proof of qualifications not currently shown on the Certificate of Qualification or Interim Certificate when submitted with a copy of the student's Certificate or Interim Certificate of Qualification;
- c) **Additional Basic Qualification Courses (Intermediate or Senior)**  
provide an original official transcript confirming the completion of an approved undergraduate degree from an accredited university. Photocopies and faxes are not acceptable. Those registering in a Primary or Junior Additional Basic Qualification course are not required to provide official transcripts;
- d) **Honour Specialist Qualification Course**  
provide an original official transcript confirming the completion of an approved undergraduate degree from an accredited university in a program that requires four years of university academic study or the equivalent of a minimum 20 full university courses (120 credits);  
**and**  
submit evidence of at least two years of successful teaching experience including at least one year of experience in Ontario certified by the appropriate supervisory official (a principal's signature is not acceptable) and at least one year of experience in the subject in which the Honour Specialist qualification is sought;
- e) **Part II Additional Qualification Courses**  
provide proof of completion of Part I by enclosing either a copy of their Certificate of Qualification, Interim Certificate or a Letter of Acknowledgement of Additional Qualification issued from the Ontario College of Teachers, verifying eligibility for the course. No other documentation is acceptable for this purpose;  
**and**  
submit evidence of at least one year of successful teaching experience in Ontario certified by the appropriate supervisory official, or at least one year of successful teaching experience outside Ontario certified by the appropriate supervisory official (**a principal's signature is not acceptable**);
- f) **Part III Additional Qualification Courses**  
provide proof of completion of Part II by enclosing either a copy of their Certificate of Qualification, Interim Certificate or a Letter of Acknowledgement of Additional Qualification issued from the Ontario College of Teachers, verifying eligibility for the course. No other documentation is acceptable for this purpose;  
**and**  
submit evidence of at least two years of successful teaching experience, including at least one year of experience in Ontario, in the subject area of the course. This must be certified by the appropriate supervisory officer or, if some of the experience was outside Ontario, by the appropriate supervisory official (**a principal's signature is not acceptable**).

**Note:** It is the student's responsibility to meet certification requirements as stipulated by the Ontario College of Teachers.

## Group One – Additional Basic Qualifications

These one-session courses are offered to holders of the Ontario Certificate of Qualification who wish to acquire qualifications in an additional division.

### Applicants must:

- hold or be deemed to hold an Ontario Certificate of Qualification or an Interim Certificate of Qualification; **and**
- hold an approved undergraduate degree from an accredited university, and subject prerequisites (for the Intermediate Division and Senior Division).

### \*EDUC 4605 Education in the Primary Division

Credits: 6

The Primary Division: influences of philosophical, psychological and sociological foundations; curriculum guidelines established by the Ministry of Education and Training; curriculum development in each of the major areas of the Primary Division program; the aims, scope, sequence and structure of each curriculum area; media and materials particular to each curriculum area; instructional techniques; practicum. Successful students will be recommended for the Ontario College of Teachers additional basic qualification for the Primary Division.

### \*EDUC 4615 Education in the Junior Division

Credits: 6

The Junior Division: influences of philosophical, psychological and sociological foundations; curriculum guidelines established by the Ministry of Education and Training; curriculum development in each of the major areas of the Junior Division program; the aims, scope, sequence and structure of each subject area; media and materials particular to each subject area; instructional techniques; practicum. Successful students will be recommended for the Ontario College of Teachers additional basic qualification for the Junior Division.

### \*Education in the Intermediate Division

Prerequisite: 18 university credits (three full courses) in subject area.

Credits: 6

The Intermediate Division: influences of philosophical, psychological and sociological foundations; curriculum guidelines established by the Ministry of Education and Training; curriculum development in each of the major areas of the Intermediate Division program; the aims, scope, sequence, and structure of each subject area; media and materials particular to each subject area; instructional techniques; practicum. Successful students will be recommended for the Ontario College of Teachers additional basic qualification for the Intermediate Division.

Students must choose from the following subject areas:

- EDUC 4015 English (First Language)
- EDUC 4035 Geography
- EDUC 4045 History
- EDUC 4055 Mathematics
- EDUC 4065 Music - Instrumental
- EDUC 4075 Physical and Health Education
- EDUC 4085 Science General
- EDUC 4095 Visual Arts

### Note:

- English - English remedial courses will not be considered.
- Instrumental Music - The prerequisite is 18 university credits (three full courses), all of which must be performance courses.
- Mathematics - Only Mathematics courses with OAC/12U prerequisites will be considered.
- Visual Arts - The prerequisite is 18 university credits (three full courses), all of which must be studio courses.

### \*EDUC 4636 Education in the Senior Division: Core

Prerequisite: A minimum of 30 university credits (five full courses) in a teachable subject area is required for the first elective and 18 university credits (three full courses) in a teachable subject area for each additional elective.

Credits: 3

The Senior Division: influences of philosophical, psychological and sociological foundations of curriculum; curriculum guidelines established by the Ministry of Education and Training; curriculum development in teachable subject concentrations of the Senior Division; the aims, scope, sequence and structure of teachable subject concentrations; media and materials particular to the teachable subject concentrations; instructional techniques; practicum.

**Note:** To be recommended for the Ontario College of Teachers additional basic qualification for the Senior Division, students must successfully complete EDUC 4636 and one elective for the Senior Division from the following list. (3 cr.):

- EDUC 4407 English (First Language)
- EDUC 4417 Computer Science
- EDUC 4427 Business Studies - Accounting
- EDUC 4447 Geography
- EDUC 4457 History
- EDUC 4467 Mathematics
- EDUC 4477 Physical and Health Education
- EDUC 4487 Science - Biology
- EDUC 4497 Visual Arts
- EDUC 4517 Music - Instrumental
- EDUC 4527 Science - Physics
- EDUC 4537 Science - Chemistry
- EDUC 4547 Science - Environmental Science
- EDUC 4557 Individual and Society
- EDUC 4567 Music - Vocal
- EDUC 4577 Dramatic Arts
- EDUC 4597 Science - General

### Note:

- Business Studies - Accounting - A first teachable subject requires 18 university credits (three full courses) from the specific subject area and an additional 12 university credits (two full courses) from a related business area. A second teachable subject requires 12 university credits (two full courses) from the specific subject area and an additional 6 university credits (one full course) from a related business area.
- English - English remedial courses will not be considered.
- Instrumental Music - Candidates must present the required number of courses including a minimum of 18 credits of university performance courses (three full courses).
- Mathematics - Only Mathematics courses with OAC/12U prerequisites will be considered
- Visual Arts - Candidates must present the required number of courses including a minimum of 18 credits of university studio courses (three full courses).

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## Group Two – Honour Specialist Qualification

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**Applicants must:**

- a) hold an Ontario Certificate of Qualification or Interim Certificate of Qualification;
- b) hold an acceptable BA or BSc degree from an accredited university in a program that requires four years of university academic study, or the equivalent of a minimum 20 full university courses (120 credits); and in which the candidate has obtained at least second class or equivalent standing ("B" average - 70%) in at least 9 full university courses (54 credits) in the subject for which the candidate seeks qualification;
- c) show evidence of at least two years of successful teaching experience including at least one year of experience in Ontario, certified by the appropriate supervisory official and at least one year of experience in the subject in which the Honour Specialist qualification is sought. University course work used for basic certification cannot count towards Honour Specialist requirements (i.e., additional qualification courses or any courses that are part of pre-service education).

**\*Honour Specialist**

Credits: 6

An examination of a particular curriculum subject from Kindergarten to Grade 12. Emphasis on learning theory, developmental needs and effective teaching methods pertinent to the subject specialization. A review and evaluation of curriculum development, materials, the analysis of relevant Ontario College of Teachers support documents and other instructional packages related to the discipline studied. Candidates may elect to direct the study of their subject specialization at a particular divisional level.

**The Honour Specialist subject concentration will be selected from:**

EDUC 4410 Dramatic Arts  
 EDUC 4420 English (First Language)  
 EDUC 4440 Geography  
 EDUC 4450 History  
 EDUC 4460 Biology  
 EDUC 4470 Chemistry  
 EDUC 4480 Physics  
 EDUC 4490 Mathematics  
 EDUC 4510 Music  
 EDUC 4520 Physical and Health Education  
 EDUC 4530 Visual Arts  
 EDUC 4540 Science General  
 EDUC 4550 Computer Science  
 EDUC 4560 Environmental Science  
 EDUC 4570 Business Education

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## Group Three – One-Session Qualifications

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**Applicants must:**

- hold or be deemed to hold an Ontario Certificate of Qualification or an Interim Certificate of Qualification.

**\*EDUC 1455 Teaching Writing**

Credits: 6

An intensive study of the writing process; expressive transactional and poetic writing for students and teachers; the relationship of writing to other aspects of language. An extensive study of current trends, problems and procedures in teaching writing; student writing files. Successful students will be recommended for the Ontario College of Teachers additional qualification TCHG WRITING.

**\*EDUC 1475 The Associate Teacher**

Credits: 6

An examination of the role of the associate teacher in the teacher education practicum; a review of innovations in teacher education. Successful students will be recommended for the Ontario College of Teachers additional qualification ASSOC TEACHER.

**\*EDUC 4705 Childhood Education**

Credits: 6

This one session course, for educators interested in updating and refining their skills in Childhood Education, will focus on the education of children from four to eight years of age. Within the parameters of this course, candidates may individualize their study at either the full age span, the four to six age span or the six to eight age span. In addition to a study of development ages, the learning environment, curriculum areas and evaluation, the course examines the importance in the total school program of multicultural education, sex role stereotyping, early identification, community and school, and child abuse. Successful students will be recommended for the Ontario College of Teachers additional qualification CH ED.

**\*EDUC 4715 Adult Education**

Credits: 6

Candidates are introduced to current theories and practices in Adult Education, with particular reference to Ministry of Education and Training and Boards of Education policies and programs. These areas include: an overview of the network of community and social agencies co-ordinating and providing Adult Education services; an understanding of the design and related teaching evaluation strategies; and a knowledge of resources and learning materials suitable for adult learners. Successful students will be recommended for the Ontario College of Teachers additional qualification ADULT ED.

**\*EDUC 4985 Teacher of Native Children**

Credits: 6

Study of the legal, historical and sociological aspects of Native Canadian education; survey of policy papers and documentation relating to Native Canadian education; competencies in curriculum design; instructional methodologies pertinent to Native Canadian education; awareness of theories and competencies

applicable to teaching English as a second language; design of evaluation techniques; study of the cultural, social, spiritual aspect of Native Canadian life relevant to education; practicum. Successful students will be recommended for the Ontario College of Teachers additional qualification TCHR-NAT CHIL.

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## Group Four – Three-Session Qualifications – Part I, II, III (Specialist)

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### First Session, Part I

#### Applicants must:

1. hold or be deemed to hold an Ontario Certificate of Qualification or an Interim Certificate of Qualification;
2. in the case of Primary Education, Junior Education, and Intermediate Education, the candidate's Ontario Certificate of Qualification must have an entry for the area of concentration for the corresponding division.

### Second Session, Part II

#### Applicants must:

1. have successfully completed the first session or the equivalent thereof of the three-part Specialist course in the subject; and
2. submit evidence of at least one year of successful teaching experience in Ontario certified by the appropriate supervisory officer or at least one year of successful teaching experience outside Ontario certified by the appropriate supervisory official.

### Third Session, Part III (Specialist)

#### Applicants must:

1. have successfully completed the second session or the equivalent thereof of the three-part Specialist course in the subject; and
2. submit evidence of at least two years of successful teaching experience, one of which must be in Ontario, and at least one year experience included in the subject as certified by the appropriate supervisory official.

## The Blind (Teaching Students with Visual Impairments)

### \*EDUC 1295 The Blind, Part I

Credits: 6

This introductory course is the first of three courses designed for teachers to qualify as specialist teachers of students with visual impairments. Part I emphasizes specialized communication systems, formulation, adaptation, and implementation of educational outcomes, teaching strategies, and the expanded core curriculum for students who are blind and use Braille and tactile methods for learning.

### \*EDUC 2295 The Blind, Part II

Prerequisite: The Blind, Part I

Credits: 6

This course is the second of three courses designed for teachers to qualify as specialist teachers of students with visual impairment. Part II will provide an in-depth study of the student who has residual vision and is classified as having low vision. It will emphasize ophthalmological studies, including anatomy and physiology of the eye, and various eye conditions and the implications for learning. Emphasis will be placed on functional visual assessments and special instructional strategies appropriate to varying degrees of visual impairment. There is an emphasis on teaching, learning and assessment strategies informed by recent research.

### \*EDUC 3295 The Blind, Part III

Prerequisite: The Blind, Part II

Credits: 6

This course is the final part of the three-part program leading to The Blind (Specialist) qualification. This course deals with sociological and psychological implications of visual impairment and the implementation and supervision of programs for students who are blind and low vision within local school boards and the Provincial School - W. Ross Macdonald. A detailed study will be made of a student who has visual and multiple disabilities, including strategies for instruction, assessment and program designs for special needs. Participants will be required to present a major study related to visual impairment. The course emphasizes leadership in planning, implementation, and supervision of programs for students with visual impairments.

## Computers In The Classroom

### \*EDUC 1495 Computers in the Classroom, Part I

Credits: 6

This course is designed to give educators an overview of the use of computers in education. The central theme will relate to teaching about computers, computer literacy and teaching with the aid of a computer. Emphasis will be placed on the pedagogical basis for computer learning. Examples will be drawn from a variety of subject areas in both the elementary and secondary levels. Successful students will be recommended for the Ontario College of Teachers additional qualification COMP CLASS 1.

### \*EDUC 2495 Computers in the Classroom, Part II

Prerequisite: Computers in the Classroom, Part I

Credits: 6

This course is built on the concepts developed in EDUC 1495 Computers in the Classroom, Part I. Further programming and teaching techniques will be stressed. Intensive study of the pedagogical and psychological basis for computerized learning will be undertaken. Every student will produce an instructional program. Relevant Ministry professional documents will be examined. Successful students will be recommended for the Ontario College of Teachers additional qualifications COMP CLASS 2.

**\*EDUC 3495 Computers in the Classroom, Part III (Specialist)**

Prerequisite: Computers in the Classroom, Part II  
Credits: 6

This course is designed for teachers who wish to develop expertise in the evaluation, design and production of computer assisted instructional materials. Emphasis will be placed on developing skills in: educational design including instructional development, programmed learning, designing support materials, and evaluation techniques. A study of leadership skills to integrate computers into educational settings. Every student will produce and field test an instructional package that includes a program, written support material and a teacher guide. Successful students will be recommended for the Ontario College of Teachers additional qualification COMP CLASS SPEC.

## Computer Studies – Computer Science

**\*EDUC 1555 Computer Studies – Computer Science, Part I**

Prerequisite: Basic certification in general studies at the Intermediate or Senior Division  
Credits: 6

This introductory course will focus on acquiring a thorough understanding of the Ministry guidelines and documents related to Computer Studies. In addition, communication skills, assessment, programming, software applications, computer design, and change theory will be addressed. Successful candidates will be recommended to the Ontario College of Teachers for the additional qualification COMP ST (SC)-1.

**\*EDUC 2555 Computer Studies – Computer Science, Part II**

Prerequisite: Computer Studies – Computer Science, Part I  
Credits: 6

This course emphasizes lesson development implementation and evaluation skills. Programming, computer design, computer language, and recent developments in technology and communication strategies will also be addressed. Successful candidates will be recommended to the Ontario College of Teachers for the additional qualification COMP ST (SC)-2.

**\*EDUC 3555 Computer Studies – Computer Science, Part III (Specialist)**

Prerequisite: Computer Studies – Computer Science, Part II  
Credits: 6

This summative course stresses skills necessary for a candidate to provide leadership in Computer Studies. Curriculum development and implementation, leadership skills, school organization, interdisciplinary application, and personal research in Computer Studies will be addressed. Successful candidates will be recommended to the Ontario College of Teachers for the additional qualification COMP ST (SC)-SPEC.

## Co-operative Education

**\*EDUC 1335 Co-operative Education, Part I**

Credits: 6

Co-operative Education is a method of learning which blends in-school instruction with out-of-school work experiences in cooperation with organizations and institutions in the community.

Part I is designed for teachers who wish to acquire the management and organizational techniques necessary to involve their classes in such ventures. Topics in the course include an historical overview of Co-operative Education (with particular attention to Ministry of Education and Training policies and guidelines), the development of consulting and monitoring skills, an examination of legal and ethical practices of Co-operative Education and a study of the psychology and sociology of work. Also to be examined is the design of classroom-based, Co-operative Education programs. Successful students will be recommended for the Ontario College of Teachers additional qualification CO-OP ED-1.

**\*EDUC 2335 Co-operative Education, Part II**

Prerequisite: Co-operative Education, Part I  
Credits: 6

This course addresses the political, economic and educational implications of developing and implementing Co-operative Education programs with emphasis on the understanding of community, school and work site reactions to the concept of Co-operative Education. The course also deals with integrating Co-operative Education into the regular school program, school advisory committees, techniques to promote Co-operative Education, and program evaluation and modification. Successful students will be recommended to the Ontario College of Teachers for the additional qualification CO-OP ED-2.

**\*EDUC 3335 Co-operative Education, Part III (Specialist)**

Prerequisite: Co-operative Education, Part II  
Credits: 6

This course particularly concerns planning and co-ordinating Co-operative Education Programs (including in-school and out-of-school components) at school and board levels. Attention is given to theories and models of program change, knowledge of the current and future world of work and skills necessary for leading workshops to educate and train others (teachers, parents, site supervisors) concerning Co-operative Education. Successful students will be recommended to the Ontario College of Teachers for the additional qualification CO-OP ED-SPEC.

## The Deaf (Teaching students with hearing impairments)

**\*EDUC 1205 The Deaf, Part I**

Credits: 6

This is the first of three courses designed for teachers to qualify as specialist teachers for students with hearing impairments. The course is an introduction to deaf education. It includes: the history of the deaf and deaf education; the culture of the deaf; American Sign Language; methods for speech intervention; trends and issues; and network groups. Attention is also paid to the spectrum of hearing losses; audiology for the beginning teacher of the deaf; early language and literacy development; communication options; and assessment of hard of hearing/deaf students. There is an emphasis on special education issues in regard to deaf education and the identification, placement and review processes. Interventions in various educational settings are featured including technologies for the deaf, hearing aids, couplings, and FM and Soundfield systems.

**\*EDUC 2205 The Deaf, Part II**

Prerequisites: The Deaf, Part I  
Credits: 6

This is the second of three courses designed for teachers to qualify as specialist teachers for students with hearing impairments. The course includes a more in-depth analysis of: the spectrum of hearing losses; audiology for a teacher of the deaf; communication/placement options; an introduction to speech remediation of oral deaf; a continuation of language and amplification literacy for deaf students; troubleshooting problems with hearing aids and amplification systems; American Sign Language; hands-on experience with testing and amplification; and assessment; network groups, trends and amplification issues. There is an emphasis on teaching, learning and assessment strategies informed by recent research.

**\*EDUC 3205 The Deaf, Part III**

Prerequisites: The Deaf, Part II  
Credits: 6

This is the third of three courses designed for teachers to qualify as specialist teachers for students with hearing impairments. The course includes an in-depth study of: audiology; oral communication/speech intervention; common deaf and hard-of-hearing language gaps and determining interventions/placement; team building; an introduction to counselling issues for parents; network groups; trends and issues; and an introduction to Auditory-Verbal Therapy. The course emphasizes leadership in planning, implementation, and supervision of programs for students with hearing impairments.

## The Deaf/Blind (Teaching students with visual and hearing impairments)

**\*EDUC 1225 The Deaf/Blind, Part I**

Credits: 6

This is the first of three courses designed for teachers to qualify as specialist teachers for students with visual and hearing impairments. The course is an introduction to issues related to the teaching of the deaf/blind, including the development and educational implications of multi-sensory deprivation and the special instruction strategies appropriate to varying degrees of combined hearing and visual impairment.

**\*EDUC 2225 The Deaf/Blind, Part II**

Credits: 6

Prerequisites: The Deaf/Blind, Part I

This is the second of three courses designed for teachers to qualify as specialist teachers for students with hearing and visual impairments. The course is a more in-depth treatment than in Part I of the theoretical and programmatic issues related to the education of the deaf/blind student in the elementary and secondary schools. There is an emphasis on teaching, learning, and assessment strategies informed by recent research.

**\*EDUC 3225 The Deaf/Blind, Part III**

Credits: 6

Prerequisites: The Deaf/Blind, Part II

This course is the final part of the three-part program leading to the Deaf/Blind (Specialist) qualification. There is an advanced treatment of the theoretical and programmatic issues related to the education of the Deaf/Blind including knowledge and skills relating to functional assessments of the deaf/blind. The course

emphasizes leadership in planning, implementation, and supervision of programs for students with hearing/visual impairments.

## Design and Technology\*

**\*EDUC 1465 Design and Technology, Part I**

Credits: 6

This introductory course will focus on acquiring a thorough understanding of the Ministry guidelines and documents related to Design and Technology. In addition, the curriculum will stress an integration of science, mathematics and technology. Course components will include the design process, a knowledge of tools and materials, safe practice in the work place, energy, and mechanical, structural, pneumatic and hydraulic, electronic, and control systems. Content will be project driven and team technology challenges will be an integral part of the course. Successful students will be recommended to the Ontario College of Teachers for the additional qualification Design and Technology, Part I.

**\*EDUC 2465 Design and Technology, Part II**

Prerequisite: Design and Technology, Part I

Credits: 6

Building on the work begun in Part I of this program, a focus of this course will be on the development of a thorough understanding of project selection, design, management and assessment. There will also be an emphasis on fostering creative thinking in the design process by both individuals and groups. A second focus of this course will be on the development of curriculum units for both the Intermediate and Senior Divisions. Successful students will be recommended to the Ontario College of Teachers for the additional qualification Design and Technology, Part II.

**\*EDUC 3465 Design and Technology, Part III**

Prerequisite: Design and Technology, Part II

Credits: 6

This course will provide the candidate with the competencies required in the planning and implementation of a complete Design and Technology program in either the Intermediate and/or Senior divisions. Emphasis will be placed upon the review and analysis of current Ministry of Education curriculum related to the subject, the continuum of expectations between the two divisions and leadership in the creation of a Design and Technology program specific to the needs/requirements of the respective school/board. Further focus will be on best practice, the honing of the technical and practical skills of the candidate within a team setting, the promotion of the subject on a system-wide basis and the creation of appropriate evaluation and assessment tools. Successful students will be recommended to the Ontario College of Teachers for the additional qualification Design and Technology Specialist.

## Dramatic Arts

**\*EDUC 1425 Dramatic Arts, Part I**

Credits: 6

An introduction to expression through drama; mime, improvisation, dramatic exercises in concentration, sensitivity, interpretation and creativity; of the pedagogical application of such forms of expression. Students who successfully complete the



course will be recommended to the Ontario College of Teachers for the additional qualification DR ARTS-1.

**\*EDUC 2425 Dramatic Arts, Part II**

Prerequisite: Dramatic Arts, Part I  
Credits: 6

This course examines drama as a methodology and as a subject in the school curriculum. Candidates will participate in advanced work in movement and mime, improvisation, puppetry, and play-making. Current theories of drama in education will be studied with intensive work on curriculum planning. A variety of forms of dramatic expression will be explored. Students who successfully complete this course will be recommended to the Ontario College of Teachers for the additional qualification DR ARTS-2.

**\*EDUC 3425 Dramatic Arts, Part III (Specialist)**

Prerequisite: Dramatic Arts, Part II  
Credits: 6

Students will intensively examine aspects of drama in education suitable for advanced students. The objective of the course is to have students become versed in current theories of drama. Students will develop a thorough understanding of Ministry policy, as stated in Dramatic Arts, Intermediate and Senior Divisions, 1981 and The Formative Years. Successful students will be recommended for the Ontario College of Teachers additional qualification DR ARTS-SPEC.

## English as a Second Language

**\*EDUC 1535 English as a Second Language, Part I**

Credits: 6

This course is for teachers of classes in which all or some of the students require ESL instruction. Opportunities will be provided for candidates to explore the nature of language and theories of language acquisition; to examine methodology in the teaching of ESL; to acquire sensitivity to and awareness of the unique cultural, linguistic, and educational backgrounds of Native Canadian children, adolescents, and adults; and to observe and teach in a variety of ESL settings. Successful students will be recommended for the Ontario College of Teachers additional qualification ESL-1.

**\*EDUC 2535 English as a Second Language, Part II**

Prerequisite: ESL, Part I  
Credits: 6

This course will be a continuation of EDUC 1535E (ESL, Part I). Candidates will do further study on the topics indicated in Part I, as well as develop instructional units in ESL, and evaluate ESL programs and learning materials. Successful students will be recommended for the Ontario College of Teachers additional qualification ESL-2.

**\*EDUC 3535 English as a Second Language, Part III (Specialist)**

Prerequisite: ESL, Part II  
Credits: 6

This summative course is designed to assist candidates to develop strategies, organization and programs in ESL using school and community resources. Particular attention will be given to leadership skills in designing, implementing and evaluating effective ESL programs. Successful students will be recommended for the Ontario College of Teachers additional qualification ESL-SPEC.

## Environmental Science

**\*EDUC 1145 Environmental Science, Part I**

Credits: 6

An examination of the philosophy of environmental education; essential concepts of environmental education as found in science, geography and social studies; a development of units of study; methods and skills involved in conducting outdoor studies and classroom follow-up; field studies and travel courses. Successful students will be recommended for the Ontario College of Teachers additional qualification ENV SC-1.

**\*EDUC 2145 Environmental Science, Part II**

Prerequisite: Environmental Science, Part I  
Credits: 6

This course will provide the candidate with the competencies in planning and implementing programs in environmental science in a K-13 continuum. Topics will include change theory, Ministry guidelines, program planning, evaluation, and outdoor teaching experience. Successful candidates will be recommended for the Ontario College of Teachers additional qualification ENV SC-2.

**\*EDUC 3145 Environmental Science, Part III (Specialist)**

Prerequisite: Environmental Science, Part II  
Credits: 6

This course will provide the candidate with opportunities to gain competency in the organization, administration and supervision of environmental science programs and in the design, development and implementation of such programs in elementary and secondary schools. Successful candidates will be recommended for the Ontario College of Teachers additional qualification ENV SC-SPEC.

## French as a Second Language

**EDUC 1515 French as a Second Language, Part I**

Prerequisite: Successful completion of an oral and a written French language proficiency test, or a Certificate of Bilingualism from a recognized university or a transcript from a Francophone Faculty of Education.  
Credits: 6

This course is for teachers who wish to develop their linguistic competencies to prepare them to teach French in the core, intensive, or immersion programs for students in the Primary, Junior, Intermediate and Senior grades. It includes the introduction of theories of language acquisition and approaches to a second language, teaching strategies, student motivation techniques, as well as student evaluation. Teachers who successfully complete the course will be recommended for the Ontario College of Teachers additional qualification FR-SL-1.

**EDUC 2515 French as a Second Language, Part II**

Prerequisite: French as a Second Language, Part I  
Credits: 6

This course is for teachers who wish to further develop their linguistic competencies. It will prepare candidates to teach French at the core, intensive, and immersion program levels for Primary, Junior, Intermediate, and Senior grades. This course also includes teaching strategies and theories, research in French as a second language and the development of an instructional unit. Teachers who successfully complete the course will be recom-

mended for the Ontario College of Teachers additional qualification FR-SL-2.

### **EDUC French as a Second Language, Part III (Specialist)**

Prerequisite: French as a Second Language, Part II

Credits: 6

This course prepares the candidate for administrative and/or coordinator roles in French as a second language in core, intensive, or immersion programs at the Primary, Junior, Intermediate, and Senior levels. The candidate will demonstrate leadership qualities by developing professional growth activities. This course also includes the planning, implementation, and evaluation of programs and students. Teachers who successfully complete the course will be recommended for the Ontario College of Teachers additional qualification FR-SL-SPEC.

## **Guidance**

### **\*EDUC 1255 Guidance, Part I**

Credits: 6

A study of educational processes designed to help children and adolescents to a better understanding of themselves, the opportunities available to them and their social responsibilities. An introduction to basic counselling and communication skills; and awareness of the legal and ethical responsibilities for guidance programs and counsellors. Successful completion will lead to the recommendation for the Ontario College of Teachers additional qualification GUID-1.

### **\*EDUC 2255 Guidance, Part II**

Prerequisite: Guidance, Part I

Credits: 6

A level two guidance course includes: an awareness of the range of career clusters and career development theories; an awareness of the support services available to individuals with problems, an understanding of current standardized tests, information sources, record keeping, and effective intervention skills in counselling. Students who successfully complete the course will be recommended for the Ontario College of Teachers additional qualification GUID-2.

### **\*EDUC 3255 Guidance, Part III (Specialist)**

Prerequisite: Guidance, Part II

Credits: 6

This course is designed to assist candidates to develop strategies, organization, and programs in guidance using school and community resources. Topics will include curriculum development and planning; marketing, co-ordinating and evaluating guidance services; advanced counselling practicum and business-industry-education practicum. Successful students will be recommended for the Ontario College of Teachers additional qualification GUID-SPEC.

## **Intermediate Education**

### **\*EDUC 1135 Intermediate Education, Part I**

Prerequisite: Intermediate Basic Qualification

Credits: 6

Participants will co-develop a model of the learner in the transition years as depicted in current Ministry guidelines and philosophical writing on education. The course will examine the

instructional tasks at the lesson and unit level that would assist in the attainment of this model of the learner in the classroom. The course will also provide the knowledge of Intermediate Division students that is essential to performing these instructional tasks. Concepts such as learning styles, personality and learning disabilities will be applied to modify strategies for instructional tasks. Participants will design and implement effective instructional strategies in Language Arts, Mathematics, History, Geography, Science and/or the Arts. Successful students will be recommended for the Ontario College of Teachers additional qualification INT ED-1.

### **\*EDUC 2135 Intermediate Education, Part II**

Prerequisite: Intermediate Education, Part I

Credits: 6

This course will provide a reinterpretation of instructional tasks and levels as they apply to course and program design. Knowledge of Intermediate Division students that will facilitate unit and course design will also be examined. Participants will identify and apply sociological concepts relating to social class and the particular learning environment. Participants will learn and apply effective strategies for instructional tasks at the unit and course level. Emphasis will be placed on design strategies for integration of the disciplines within a school setting. Successful students will be recommended for the Ontario College of Teachers additional qualification INT ED-2.

### **\*EDUC 3135 Intermediate Education, Part III (Specialist)**

Prerequisite: Intermediate Education, Part II

Credits: 6

This course will provide a reinterpretation of teaching tasks and levels as they apply to consulting, coaching and mentoring other teachers in the Intermediate Division. Participants will design and implement a project in which they act as a consultant or coach to other teachers in the Intermediate Division. Successful students will be recommended for the Ontario College of Teachers additional qualification INT ED-3.

## **Junior Education**

### **\*EDUC 1125 Junior Education, Part I**

Prerequisite: Junior Basic Qualification

Credits: 6

Education in the Junior Division: philosophical and psychological basis for sequencing and organizing curriculum and instruction; classroom organization; curriculum guidelines established by the Ministry of Education and Training; program development and implementation in each of the major areas of the Junior Division, a study of trends and procedures in teaching each subject area; and evaluation of media and materials particular to each subject area, instructional techniques. Successful students will be recommended for the Ontario College of Teachers additional qualification JR ED-1.

### **\*EDUC 2125 Junior Education, Part II**

Prerequisite: Junior Education, Part I

Credits: 6

A continuation of an examination of the psychological basis for sequencing curriculum and instruction; an advanced study of developmental theories including an in-depth study of the work of one influential psychologist and/or learning theorist; diagnosis of learning difficulties in the Junior Division; in-depth experience in curriculum planning and instruction in one of the cur-

riculum areas in the Junior Division. Teachers who complete the course successfully will be recommended to the Ontario College of Teachers for the additional qualification JR ED-2.

**\*EDUC 3125 Junior Education, Part III (Specialist)**

Prerequisite: Junior Education, Part II  
Credits: 6

A study of interpersonal relationships, the role of the teacher, consultant and administrator as facilitators and co-learners in education; demonstration of leadership in planning and implementing professional activities for teachers in the Junior Division; evaluation of programs, pupil achievement, teacher effectiveness; planning and managing change in programs for junior children at the school and system levels. Successful candidates will be recommended to the Ontario College of Teachers for the additional qualification JR ED-SPEC.

## Librarianship

**\*EDUC 1265 Librarianship, Part I**

Credits: 6

An introduction to print and non-print resource utilization; research skills, audio-visual equipment; non-print resources; print resources, cataloguing; resource selection; curriculum support; children's literature, resource centre management. Successful students will be recommended for the Ontario College of Teachers additional qualification LIB-1.

**\*EDUC 2265 Librarianship, Part II**

Prerequisite: Librarianship, Part I  
Credits: 6

This course builds on the concepts developed in EDUC 1265E to assist teacher librarians to develop competence in the areas of resource centre utilization, community resources, Canadian resources, curriculum support, media and resource centre organization and management. Successful students will be recommended for the Ontario College of Teachers additional qualification LIB-2.

**\*EDUC 3265 Librarianship, Part III (Specialist)**

Prerequisite: Librarianship, Part II  
Credits: 6

The consultant and administrative dimensions of the librarian's role are emphasized. Topics include professional development, resource evaluation, library administration, curriculum support, Ministry policies and guidelines, and new developments in librarianship and technology. Successful students will be recommended for the Ontario College of Teachers additional qualification LIB-SPEC.

## Mathematics in Primary/Junior Education

**\*EDUC 1565 Mathematics in Primary/Junior Education, Part I**

Credits: 6

This course is designed to provide candidates with knowledge of Ministry policies, learning theory and appropriate teaching strategies in the field of primary and junior mathematics. Stress is placed on critical teaching models in mathematics. The use of suitable concrete materials, the importance of 'understanding' before practice and the ability to plan child-centred learning experiences are emphasized. Successful candidates will be recommended for the Ontario College of Teachers additional qualification MATH ED (P/J)-1.

ommended for the Ontario College of Teachers additional qualification MATH ED (P/J)-1.

**\*EDUC 2565 Mathematics in Primary/Junior Education, Part II**

Prerequisite: Mathematics in Primary/Junior Education, Part I  
Credits: 6

This course concentrates on critical factors which affect the learning of mathematics. The role of language in promoting understanding in this discipline is thoroughly examined. As well, assessment principles, diagnostic techniques and remediation strategies are considered in-depth. Emphasis is placed on mathematical thinking particularly through the development of problem solving skills. Integration of mathematics with other fields of study and evaluation of teaching materials are also considered. Successful candidates will be recommended for the Ontario College of Teachers additional qualification MATH ED (P/J)-2.

**\*EDUC 3565 Mathematics in Primary/Junior Education, Part III (Specialist)**

Prerequisite: Mathematics in Primary/Junior Education, Part II  
Credits: 6

This course focuses on the development, implementation and evaluation of primary and junior mathematics programs for both 'average' learners and those with special needs. Candidates are encouraged to become leaders in the field of elementary mathematics in-service programs. An in-depth research project on an issue of major concern to the candidate is required. Successful candidates will be recommended for the Ontario College of Teachers additional qualification MATH ED (P/J)-SPEC.

## Music-Instrumental

**\*EDUC 1175 Music-Instrumental, Part I**

Prerequisite: Permission of the instructor  
Credits: 6

A study of how the concepts of music can be developed through the acquisition of basic playing skills on three standard orchestral instruments (one stringed, one brass, one woodwind); a survey of appropriate group teaching techniques; practice in conducting; and examination of suitable instrumental programs and materials; the development of effective instrumental classroom management. Students who successfully complete the course will be recommended to the Ontario College of Teachers for the additional qualification MUS INST-1.

**\*EDUC 2175 Music-Instrumental, Part II**

Prerequisite: Music-Instrumental, Part I  
Credits: 6

A practical course in which the student will develop playing skills on three band instruments (not attempted in Part I) as well as some percussion instruments; a study of appropriate group teaching techniques; the planning and management of the instrumental classroom; an examination of suitable classroom instrumental programs and school band materials; experience in rehearsing large and small school ensembles. Students who successfully complete the course will be recommended for the Ontario College of Teachers additional qualification MUS INST-2.

## Music–Vocal (Primary/Junior)

### \*EDUC 1155 Music-Vocal (Primary/Junior), Part I

Credits: 6

A music course for teachers which focuses upon the needs and interests of the Primary Division pupil: music appreciation and theory; ear training, sight singing, conducting; basic knowledge of Orff instruments; teaching methods and practicum. Teachers who complete the course successfully will be recommended to the Ontario College of Teachers for the additional qualification MUS VOC-PJ-1.

### \*EDUC 2155 Music-Vocal (Primary/Junior), Part II

Prerequisite: Music-Vocal (Primary/Junior), Part I

Credits: 6

Focus on the needs and interests of the Junior Division pupil: music appreciation and theory; survey of appropriate song materials; sight singing, part singing and conducting; basic knowledge of some classroom instruments; study of some recent curriculum innovations; teaching strategies and practicum. This course qualifies the successful student for the Ontario College of Teachers qualification MUS VOC-PJ-2.

### \*EDUC 3155 Music-Vocal (Primary/Junior), Part III (Specialist)

Prerequisite: Music-Vocal (Primary/Junior), Part II

Credits: 6

Investigation of contemporary approaches to music education; examination of classroom music texts, materials, instruments and resources; study of several music curriculum models, implementation designs and evaluation schemes; discussion of methods of organizing and administering music programs in a variety of elementary school settings; performance of suitable choral material with practice in conducting. Successful students will be recommended for the Ontario College of Teachers additional qualification MUS VOC-PJ-SPEC.

## Physical and Health Education in Primary/Junior Education

### \*EDUC 1215 Physical and Health Education (Primary/Junior), Part I

Credits: 6

A study of curricular designs and teaching strategies appropriate to physical and health education in the primary grades; the philosophy, organization and administration of such programs; an introduction and the development of competency in the seven broad categories of a balanced primary physical education program; basic safety supervisory practices; evaluation techniques. Teachers who complete the course successfully will be recommended to the Ontario College of Teachers for the additional qualification P & HE-PJ-1.

### \*EDUC 2215 Physical and Health Education (Primary/Junior), Part II

Prerequisite: Physical and Health Education (Primary/Junior), Part I

Credits: 6

The philosophy, organization and administration of a Junior Division physical and health education program; a study of curriculum designs and teaching strategies appropriate to the junior

grades; an examination of selected categories of physical and health education as outlined in Part I; an examination of appropriate resources and learning materials; a study of suitable evaluation techniques. Students who complete the course successfully will be recommended to the Ontario College of Teachers for the additional qualification P & HE-PJ-2.

### \*EDUC 3215 Physical and Health Education (Primary/Junior), Part III (Specialist)

Prerequisite: Physical and Health Education (Primary/Junior), Part II

Credits: 6

The organization and administration of physical and health education programs, with emphasis on leadership and supervision; an in-depth study of curriculum development and teaching strategies with respect to physical and health education; an examination of program activities in three of the seven categories outlined in Part 2; a study of observation techniques, skill analysis, motor learning, and theory of the activities outlined in the selected categories; a detailed study of evaluation techniques appropriate to physical and health education programs; an examination of resources and learning materials appropriate to physical and health education programs. Successful candidates will be recommended for the Ontario College of Teachers additional qualification P & HE-PJ-SPEC.

## Primary Education

### \*EDUC 1105 Primary Education, Part I

Prerequisite: Primary Basic Qualification

Credits: 6

Education in the Primary Division: Curriculum guidelines established by the Ministry of Education and Training; philosophical and psychological basis for sequencing and organizing curriculum and instruction; classroom organization; program development and implementation in each of the major areas of the Primary Division; a study of trends and procedures in teaching each subject area; evaluation of media and materials particular to each subject area; instructional techniques. Teachers who successfully complete the course will be recommended for the Ontario College of Teachers additional qualification PRIM ED-1.

### \*EDUC 2105 Primary Education, Part II

Prerequisite: Primary Education, Part I

Credits: 6

Education in the Primary Division: an intensive study of the psychological basis for sequencing curriculum and instruction; an advanced study of developmental theorists; in-depth experience in curriculum planning and instruction in one of the curriculum areas in the Primary Division; diagnosis of learning difficulties; planning for individual differences in the Primary Division. Teachers who complete the course successfully will be recommended to the Ontario College of Teachers for the additional qualification PRIM ED-2.

### \*EDUC 3105 Primary Education, Part III (Specialist)

Prerequisite: Primary Education, Part II

Credits: 6

Education in the Primary Division from the supervisory perspective; assessment and programming for individual primary children; assessment and revision of programs at the school level; the principles of curriculum design for the Primary Division, includ-

ing teaching-learning strategies and appropriate support materials and resources; the planning and implementation of in-service programs; planning and management for Primary program change at the system level. Students who successfully complete this course will be recommended to the Ontario College of Teachers for the additional qualification PRIM ED-SPEC.

## Reading

### \*EDUC 1275 Developmental Reading, Part I

Credits: 6

The reading process; the relationship of reading to other aspects of language development; reading and cognitive development; sensory aspects of reading. An extensive study of current trends, problems and procedures in teaching reading; program organization. Evaluation of instructional materials in relation to the reading process and the needs, interests, and abilities of children. Evaluating and reporting pupil progress. Successful students will be recommended for the Ontario College of Teachers additional qualification READING-1.

### \*EDUC 2275 Developmental Reading, Part II

Prerequisite: Reading, Part I

Credits: 6

An intensive study of the reading process; the relationship between oracy and literacy; pattern of growth and development in literacy. An intensive study of current trends, problems and procedures in teaching reading. Children's literature in the program. Evaluation of instructional materials in relation to the reading process and the needs, interests and abilities of children. Diagnostic and evaluation techniques. Classroom organization for language instruction. Successful students will be recommended for the Ontario College of Teachers additional qualification READING-2.

### \*EDUC 3275 Developmental Reading, Part III (Specialist)

Prerequisite: Reading, Part II

Credits: 6

Current trends and issues in literacy development; their implications for curriculum planning and implementation. Developing literacy programs on an individual, a class, or a school basis; selection of material; organizational patterns. Study and research skills in elementary/secondary programs. Using children's/adolescent's literature in a unit study. Intensive study of diagnostic and evaluation techniques. Successful students will be recommended for the Ontario College of Teachers additional qualification READING-SPEC.

## Religious Education

### \*EDUC 1195 Religious Education (OECTA/OSSTA), Part I

Credits: 6

An introductory course in Religious Education for teachers in the Roman Catholic Separate School system. An understanding of the role of the Ontario Roman Catholic Separate School System and the responsibilities of teachers will be gained through a study of Ministry documents and legislation, board curricula and support material. Special emphasis will be placed on teacher methodologies relevant to the achievement of affective objectives. Successful candidates will be recommended to OECTA for the Ontario College of Teachers additional qualification REL ED-1.

### \*EDUC 2195 Religious Education (OECTA/OSSTA), Part II

Prerequisite: Religious Education, Part I

Credits: 6

An intermediate level course in Religious Education building on the concepts developed in EDUC 1195E. Participants will focus on the role of teachers in Religious Education; analyse Religious Education as both a content oriented process and a relational experiential process. Emphasis will be placed on introducing Religion across the school curriculum. Successful candidates will be recommended to OECTA for the Ontario College of Teachers additional qualification REL ED-2.

### \*EDUC 3195 Religious Education (OECTA/OSSTA), Part III (Specialist)

Prerequisite: Religious Education, Part II

Credits: 6

This summative course in Religious Education is designed to assist candidates in developing leadership in teaching strategies, curriculum and organization of Religious Education programs using school, community and church resources. Candidates will also study theories of Religious Education development. Successful candidates will be recommended to OECTA for the Ontario College of Teachers additional qualification REL ED-SPEC.

## Science in Primary/Junior Education

### \*EDUC 1345 Science in Primary/Junior Education, Part I

Credits: 6

This course is intended to provide the knowledge and basic skills needed to develop activities, learning centres and themes for classroom instruction: increase awareness of appropriate teaching strategies; evaluate the learner's progress in the science component of a balanced and integrated program. It will be presented in a manner which models an inquiry-oriented, activity-based, hands-on, experiential science program. Wherever possible, opportunity will be provided to work with Primary and Junior children. Successful candidates will be recommended for the Ontario College of Teachers additional qualification SCI ED-PJ-1.

### \*EDUC 2345 Science in Primary/Junior Education, Part II

Prerequisite: Science in Primary/Junior Education, Part I

Credits: 6

This course will provide candidates with the opportunity to gain further competence in developing, implementing and evaluating programs, learning strategies and materials for the science component of a balanced and integrated program in the Primary and Junior Divisions. It is also intended to prepare teachers to facilitate curriculum design at the K-6 level in the teacher's own school. Successful candidates will be recommended for the Ontario College of Teachers additional qualification SCI ED-PJ-2.

**\*EDUC 3345 Science in Primary/Junior Education, Part III (Specialist)**

Prerequisite: Science in Primary/Junior Education Part II  
Credits: 6

This course will provide candidates with opportunities to develop knowledge and competency in organization and administration, in design, development, implementation and evaluation, and in the provision of professional development opportunities in science education. Successful candidates will be recommended for the Ontario College of Teachers additional qualification SCI ED-PJ-SPEC.

## Special Education

Special Education Additional Qualification courses across the province are in the midst of undergoing a substantial change in format as required by the Ontario College of Teachers (OCT). Instead of six, three credit courses (core plus elective for each of Parts I, II, and III) the Special Education Three-Part Specialist program will now consist of three, six credit courses (Parts I, II, and III) as in the case with other OCT approved three-part specialist additional qualifications courses. The new full courses will be phased in at Nipissing over the upcoming year.

The new Special Education Part I, II, and III courses, implemented in Spring/Summer 2004, will be available in a variety of delivery options in each academic term. Candidates who have begun their program in the old format will be able to move to the new one if they so choose. For example, if you have completed Core I under the old (core plus elective) format, you will be able to register in the new Part II course. Core II will be offered for the last time in Spring/Summer 2004. Special Education, Core III will be offered in Spring/Summer 2004 and Fall/Winter 2004/5 but will be phased out after the Fall/Winter 2004/5 session. To facilitate movement between the old format and the new, we recommend that candidates who have completed a core course under the old format complete the required elective as soon as possible so that completion of Part I, II, or III can be registered with OCT before the new format is fully in place. We will continue to provide elective courses through 2005.

**\*EDUC 1236 Special Education, Core I (no longer offered)**  
Credits: 3

Introduction to the Education of Exceptional Students - This course is designed as an introduction to an overview of the characteristics of students identified as exceptional, and to Special Education in Ontario, including methods of understanding and assisting exceptional students. It is intended to build on the Special Education component in the pre-service program and/or the experience of practicing teachers. To fulfil course requirements students will be required to observe and report on several programs of exceptional children. Students who successfully complete EDUC 1236 and one elective will be recommended to the Ontario College of Teachers for the additional qualification SP ED-1 (and elective).

**\*EDUC 1235 Special Education, Part I (new course)**  
Credits: 6

The underlying purpose of Special Education, Part I is to introduce knowledge and skills in the design, delivery, programming, and assessment of special education. Focusing on theory and practice underpinning special education, candidates will examine topics and issues of particular relevance to the school system

in which they work or may work. This course explores the five categories of exceptionalities as recognized by the Ontario Ministry of Education, various teaching strategies, program planning, and other issues related to the teaching and learning of students receiving special education services in a variety of classroom settings. To fulfill course requirements, candidates will explore, observe, and report on several areas of exceptionality, develop an IEP, and complete a practicum. Candidates who successfully complete EDUC 1235 will be recommended to the Ontario College of Teachers for the Additional Qualification SP ED-1.

**\*EDUC 2236 Special Education Core II (offered for last time Spring/Summer 2004)**

Prerequisite: Special Education, Part I  
Credits: 3

Assessing and Programing for Exceptional Students - This course is designed to assist teachers in developing, at a more advanced level, competence in gathering information to understand exceptional students' educational needs; and in developing effective instructional programs for them in the various cognitive, academic and behavioral areas. To fulfil course requirements the student, under the supervision of the instructor and board Special Education personnel, will diagnose, prescribe and implement a short term program for an exceptional student. Students who successfully complete EDUC 2236 and a second elective will be recommended to the Ontario College of Teachers for the additional qualification SP ED-2 (and elective).

**\*EDUC 2235 Special Education, Part II (new course)**

Prerequisite: Special Education, Part I  
Credits: 6

The underlying purpose of Special Education Part II is to extend and apply the knowledge and skills that teachers gained in Part I, to the areas of design, delivery, programming, and assessment in special education. This course focuses on developing programs

based on appropriate assessment for students identified as exceptional. A variety of assessment tools appropriate for the five major categories of exceptionality will be explored. Discussions and examination of important issues will culminate in a Practical Teaching Project consisting of a major independent project or action investigation. Through informed inquiry and reflection, candidates will create, implement, and assess programs for students identified as exceptional based on investigation and consultation. Candidates who successfully complete EDUC 2235 will be recommended to the Ontario College of Teachers for the Additional Qualification SP ED-2.

**\*EDUC 3236 Special Education Core III (offered for last time Fall/Winter 2004/5)**

Prerequisite: Special Education, Part II  
Credits: 3

Leadership in the Education of Exceptional Students - This course is designed to assist candidates in developing leadership and consultation skills in Special Education at the school and board level. To fulfil course requirements the student, in consultation with the instructor and board Special Education personnel, will diagnose, prescribe and implement a semester program for an exceptional student. Students who successfully complete EDUC 3236 and a third elective will be recommended to the Ontario College of Teachers for the additional qualification SP ED-SPEC (and elective).

**\*EDUC 3235 Special Education, Part III (new course)**

Prerequisite: Special Education, Part II

Credits: 6

The underlying purpose of the Special Education Part III (Specialist) is to provide candidates with more in-depth information and practice in extending and applying the knowledge and skills acquired in Special Education Part II to meet the diverse needs of learners in our schools. This course is designed to assist candidates in developing leadership and consultation skills in Special Education at the school and board level. As the focus at the specialist level is on leadership, candidates are required to complete a major independent project or action investigation that describes and reflects an area of leadership in special education. Candidates who successfully complete EDUC 3235 will be recommended to the Ontario College of Teachers for the Additional Qualification SP ED-SPEC.

**\*EDUC 1616 Special Education Elective: Behaviour (Basic)**

Prerequisite: EDUC 1236 (or equivalent)

Credits: 3

This course concentrates on the education of the behaviourally exceptional student. Candidates will learn basic screening and identification procedures, basic competencies in designing and implementing educational programs and deal with current issues in the education of the behaviourally exceptional.

**\*EDUC 1626 Special Education Elective: Gifted (Basic)**

Prerequisite: EDUC 1236 (or equivalent)

Credits: 3

This course concentrates on the nature of educational giftedness. Candidates will learn basic screening and identification procedures, develop basic competency in designing and implementing educational programs and become familiar with current issues in the education of the gifted.

**\*EDUC 1636 Special Education Elective: Learning Disabilities (Basic)**

Prerequisite: EDUC 1236 (or equivalent)

Credits: 3

This course concentrates on learning disabilities. Candidates will learn basic screening and identification procedures, basic competency in designing and implementing educational programs and become familiar with current issues in the education of students with learning disabilities.

**\*EDUC 1646 Special Education Elective: The Slow Learner (Basic)**

Prerequisite: EDUC 1236 (or equivalent)

Credits: 3

This course deals with the education of the slow learner and educable mentally retarded students. Candidates will learn basic screening and identification procedures plus competency in designing and implementing educational programs. Current issues in the education of the slow learner and educable mentally retarded student will be covered.

**\*EDUC 1656 Special Education Elective: Students with Developmental Disabilities (Basic) - course formerly known as The Trainable Retarded Pupil.**

Prerequisite: EDUC 1236 (or equivalent)

Credits: 3

This course covers the education of the trainable retarded student. Candidates will learn basic screening and identification procedures; basic competence in designing and implementing education programs, and will become familiar with current issues in the education of trainable retarded students. Students please note that this course will appear on their Certificate of Qualification as TTR (The Trainable Retarded Pupil) until such time as the regulation is revised.

**\*EDUC 1666 Special Education Elective: Visual Impairment (Basic)**

Prerequisite: EDUC 1236 (or equivalent)

Credits: 3

This course covers the education issues associated with visual impairment. Screening and identification procedures, basic competency in designing and implementing educational programs and current issues in the education of students with visual impairment are dealt with.

**\*EDUC 1676 Special Education Elective: Secondary Special Education**

Prerequisite: EDUC 1236 (or equivalent)

Credits: 3

This course covers the educational issues associated with the exceptional adolescent in secondary school. Candidates will learn appropriate screening and identification procedures, basic competency in designing and implementing education programs and become familiar with current issues in the education of the exceptional adolescent student.

**\*EDUC 1686 Special Education Elective: Speech and Language**

Prerequisite: EDUC 1236 (or equivalent)

Credits: 3

This course will provide an overview of the characteristics, prevalence and identification of students with speech/language difficulties. The focus of the course will be the development of educational and instructional principles and strategies that meet the affective, social and academic needs of these students.

**\*EDUC 1696 Special Education Elective, The Hearing Impaired (Basic)**

Prerequisite: EDUC 1236 (or equivalent)

Credits: 3

This course examines instructional adaptations for students with hearing impairments in various educational settings. The primary emphasis of the course focuses on adaptations specific to the regular classroom. Current issues in the education of students with hearing impairments are examined to support the instructional decision making process.

**\*EDUC 1716 Special Education Elective: The Inclusive Classroom (Basic)**

Prerequisite: EDUC 1236 (or equivalent)

Credits: 3

This course investigates the theories and philosophies of "inclusion". It will prepare classroom teachers to plan for differentiat-

ed instruction and to adapt content and activities to meet the needs of exceptional children in an inclusive environment. It will also assist teachers in designing inviting classrooms and developing effective management strategies for the inclusive classroom.

**\*EDUC 1726 Special Education Elective Autism (Basic)**

Prerequisite: EDUC 1236 (or equivalent)  
Credits: 3

This course concentrates on the education of children with autism. Candidates will learn basic screening and identification procedures, develop basic competencies in designing and implementing educational programs and deal with current issues in the education of autistic children.

**\*EDUC 2616 Special Education Elective, Behaviour (Advanced)**

Prerequisite: EDUC 1616 (or equivalent)  
Credits: 3

This course examines the current literature in screening, identification, program planning and evaluation for the purpose of meeting the cognitive and social needs of students with behavioural disorders. Utilizing the background from the current literature and the individual experience of course candidates, specific topics will be examined in-depth.

**\*EDUC 2636 Special Education Elective, Learning Disabilities (Advanced)**

Prerequisite: EDUC 1636 (or equivalent)  
Credits: 3

This course will review the characteristics of students with learning disabilities. Recent theoretical views and issues will be addressed and their relationship to standard approaches to assessment and teaching will be critically examined.

Note: Before a student is eligible to take more than one Special Education Elective, EDUC 1236 (or equivalent) must be completed.

## Visual Arts

**\*EDUC 1415 Visual Arts, Part I**

Credits: 6

Basic philosophy of visual arts and its relationships to art education; psychology of learning and learning process in relation to developmental stages in child art, development of visual arts curriculum at a divisional level with emphasis on involvement in media workshops and art appreciation experiences; curriculum guidelines established by the Ministry of Education and Training; integration of design with expression, media and materials; evaluation of progress in visual arts programs. Teachers who complete the course successfully will be recommended for the Ontario College of Teachers additional qualification VIS ARTS-1.

**\*EDUC 2415 Visual Arts, Part II**

Prerequisite: Visual Arts, Part I  
Credits: 6

An extension of the program development component in Visual Arts, Part I with emphasis on: methods of developing awareness of the historical dimension; awareness of art in everyday life, integrating with other disciplines; selection of workshop in

media processes and design. Successful candidates will be recommended for the Ontario College of Teachers additional qualification VIS ARTS-2.

**\*EDUC 3415 Visual Arts, Part III (Specialist)**

Prerequisite: Visual Arts, Part II  
Credits: 6

An extension of the program development component in Visual Arts, Part II with emphasis on curriculum design, an understanding of leadership skills in organizing and managing a Visual Arts department, organizational skills and method of working; advance level workshops dealing with media processes and art concepts; evaluation of Visual Arts and related programs. Teachers who complete the course successfully will be recommended to the Ontario College of Teachers for the additional qualification VIS ARTS-SPEC.

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## Group Five – Bachelor of Education and Diploma in Education Courses

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These courses do not lead to Ontario College of Teachers Additional Certification and cannot be applied towards a Bachelor of Arts degree. They may only be applied towards a Bachelor of Education in Extension degree or a Diploma in Education.

### Adult Education

**EDUC 4415 Foundations of Adult Education**

Credits: 6

This course will explore several issues dealing with Adult Education including an historic overview of Adult Education, the nature of the adult learner, understanding adult development and learning, the nature of personal change and learning, and adult learning styles.

**EDUC 4425 Developing Curriculum for Adult Learners**

Prerequisite: EDUC 4415  
Credits: 6

This course has both an academic and a practical component. The academic component will explore the following issues: adult curriculum development models, identifying adult learning needs, planning for adult learning, and assessing adult learning. In addition, each student will participate in a practicum within an adult education school or community based context.

**EDUC 4435 Leadership in Adult Education**

Prerequisite: EDUC 4425  
Credits: 6

This course will focus on leadership and administration issues related to the delivery of adult education programs. Included within this focus will be program development, proposal writing, negotiating with funding agencies and supervision of program and personnel.



## Curriculum and Instruction

### EDUC 4765 Instructional Strategies

Credits: 6

This course will provide a framework for undertaking the practical tasks of the teaching/learning process. Included within the course are topics such as establishing learning outcomes, developing growth strands, sequencing objectives, motivation, initiating new learning, consolidating new learning and assessment/evaluation. Selecting resources and organizing for instruction will also be considered.

### EDUC 4865 Instructional Implementation

Credits: 6

This course provides a context for diagnosing classroom needs and implementing curricular solutions. Included within the course are such topics as overcoming knowledge and skill obstacles, dealing with incentives and rewards, providing material resources and organizational arrangements, and assessing the effects of implementation.

### EDUC 4885 Measurement and Evaluation in the Classroom Setting

Credits: 6

The design and use of measurement techniques appropriate for the evaluation of student learning. The techniques, design, scoring and reporting procedures useful for a classroom-oriented evaluation program. Techniques useful for both formative and summative valuation; informal and formal testing procedures. Emphasis on criterion-referenced test design.

### EDUC 4895 Curriculum Planning for the Classroom Teacher

Credits: 6

An introductory course to provide framework for analyzing, developing and evaluating curriculum. An examination of the structural components and foundations of curriculum; values, goals, objectives, organization and selection of content; learning sequences; scope and balance; evaluation; discussion of problems and challenges in curriculum planning and implementation.

### EDUC 4955 Curriculum Evaluation

Credits: 6

The course examines the possibilities of the improvement of curriculum through the informed use of evaluation at various stages of the development and implementation processes. Included are: the design and use of techniques appropriate for the evaluation of curriculum; a critical examination of curriculum evaluation models; a study of the role of the evaluator, consideration of the problem of the communication of evaluation data.

## English: Language Arts

### EDUC 4755 Children's Literature in the Elementary School

Credits: 6

The development of children's literature in an historical and sociological perspective. A survey of books and other print materials for children; criteria for the evaluation and analysis of children's books; types of literature considered in terms of the

needs and interests of children; a study of the works of representative authors in each area. Issues in children's literature. Presentation of literature; materials and practices of storytelling; choral reading and speaking; reading to children; promoting independent reading; using children's literature in the reading program; planning a literature program. The contribution of children's literature to the elementary school curriculum.

## Environmental Science

### EDUC 4445 Teaching Environmental Science, Part I

Credits: 6

This course focuses on building an awareness and knowledge of ecosystems and ecological concepts, broad environmental topics, resources and networks. The topics will include: environmental literacy, links to Ministry of Education curriculum guidelines, teaching strategies for integrated studies in environmental education, aboriginal awareness, and hands-on exploration of several aquatic and terrestrial ecosystems.

### EDUC 4455 Teaching Environmental Science, Part II

Prerequisite: EDUC 4445 (or equivalent)

Credits: 6

This course provides an in-depth, hands-on examination of environmental issues, teaching strategies, personal ethics, resources and networks. The topics include wildlife issues, aboriginal perspectives, endangered species and spaces, old growth forests, water conservation, and the role of technology in the environment.

## Independent Studies

### EDUC 1486 Independent Studies

Credits: 3

Half course. This course provides an opportunity for qualified students to do special studies in the field of education beyond or outside of the regular course offerings. The student's program is supervised by a member of the faculty. Written assignments, papers, and a summative evaluation are required.

### EDUC 2485 Independent Studies

Credits: 6

This course provides an opportunity for qualified students to do special studies in the field of education beyond or outside of the regular course offerings. The student's program is supervised by a member of the faculty. Written assignments, papers, and a summative evaluation are required.

## Social Studies, History, Geography

### EDUC 4905 Curriculum Development in the Social Studies

Credits: 6

Social Studies in the elementary school; the nature of social studies; current trends in social studies education; curriculum guidelines established by the Ministry of Education and Training; psychological and disciplinary foundations; aims, scope, sequence and structure of a social studies program; media, materials and instructional techniques particular to the social studies; preparing course outlines, preparing resource units and planning for their use; providing for individual differences.

## Special Education

### EDUC 4236 Foundations in Exceptionalities (Core I)

Credits: 3

The focus of this course is Special Education for Post Secondary. This course is a broad introduction to all exceptionalities. The emphasis will be on general awareness and some appropriate methods of interaction specific to each type of exceptionality. Identification, educational strategies, and effective accommodations will be outlined.

### EDUC 4247 Students with Learning Disabilities

Prerequisite: EDUC 4236

Credits: 3

The focus of this course is Special Education for Post Secondary. This course is an in-depth examination of the largest exceptionality group. Assessment, intervention, research and an examination of current issues will be discussed.

### EDUC 4256 Students with Physical Disabilities

Prerequisite: EDUC 4236

Credits: 3

The focus of this course is Special Education for Post Secondary. This course is an in-depth examination of the educational needs of students with a wide variety of physical disabilities. Content will include neurological impairments, musculoskeletal conditions, congenital conditions, accidents and other physical conditions. Discussions will include the social, emotional, as well as educational needs of these students. Technology and special aids will also be discussed.

### EDUC 4336 Leadership and Consultation Skills in Post Secondary Special Education (Core II)

Prerequisite: EDUC 4236

Credits: 3

The focus of this course is Special Education for Post Secondary. This component is designed to assist candidates in developing leadership and consultation skills in special education at the post secondary, system and community level. Discussion will center around current issues in service provision.

### EDUC 4346 Issues and Research in Disabilities and Post Secondary Education

Prerequisite: EDUC 4336

Credits: 3

The focus of this course is Special Education for Post Secondary. This component is designed to survey and discuss past and current issues and research. Students will undertake a thorough review of selected research.

### EDUC 4347 Technology for Students with Disabilities

Prerequisite: EDUC 4336

Credits: 3

The focus of this course is Special Education for Post Secondary. This course is designed to provide current information about various technological devices and specific training in the operation and student teaching of selected items such as voice in-pu computers, reading scanners, adapted switches. An inventory of devices, suppliers, supports and prices will be compiled.

## EDUC 4825 Exceptional Children

Credits: 6

Identification and characteristics of some exceptional children - intellectually superior, mentally handicapped, neurologically impaired, sensorially and physically limited, socially deviant. An examination of current views with respect to curricula and instructional techniques for exceptional children.

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## Group Six – Courses Leading to Principal's Qualification

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### Candidates for Part I must:

- hold an acceptable university degree;
- hold an Ontario Certificate of Qualification or Interim Certificate of Qualification;
- hold concentrations in three divisions including the Intermediate Division, as indicated on the applicant's Ontario Certificate of Qualification;
- provide evidence of at least five years of successful teaching experience in a school providing elementary or secondary education, as certified by the appropriate supervisory officer, or in the case of experience outside Ontario, by the appropriate supervisory official; and
- **provide evidence of one of the following:**
  - 1) a Specialist or Honour Specialist qualification as indicated on the applicant's Ontario Certificate of Qualification, **and**
    - (i) successful completion of at least half the number of courses required to qualify for a master's degree that is an acceptable university degree, **or**
    - (ii) an additional Specialist or Honour Specialist qualification as indicated on the applicant's Ontario Certificate of Qualification;

**or**

  - 2) a master's degree or doctorate that is an acceptable university degree;

**or**

  - 3) successful completion of such number of graduate university courses as is equivalent to the number of graduate university courses that are required to qualify for a master's degree that is an acceptable university degree.

### Candidates for Part II must:

Provide a letter on official letterhead from the provider of Part I certifying successful completion of the Principal's Course Practicum as well as a copy of their Certificate of Qualification with the Principal's Qualification Program, Part I (PRIN D&I) entry.

## EDUC 4000 Principal's Course Part I - The Principal as School Leader

Credits: 6

This course is the first of two courses designed for teachers who are interested in becoming qualified to be principals in the Province of Ontario. Part I focuses on what it means to be a

principal in the Public and Catholic school systems. The course includes a strong emphasis on the interpersonal skills required to lead and manage the development and operation of the school within the community. Candidates will become familiar with the Education Act and Regulations, Ministry of Education and School board policies and procedures, collective agreements, and other matters as they have an impact on school operations and the Principal's role.

### **EDUC 4005 Principal's Qualification Practicum Independent Study**

Prerequisite: EDUC 4000

Credits: 6

During this independent study course candidates develop their skills and knowledge related to the principalship through experiential learning, research, and reflection. Participating as a member of the school administration team, the candidate initiates action to address crucial educational issues affecting children and teachers in the school setting. The practicum is an integral part of the Principal's Qualification Program and the requirements compliment the guidelines of the Ontario College of Teachers. It is researched and planned while the candidate is enrolled in the Part I course. Implementation, analysis, reporting, and evaluation must be completed before candidates can enroll in Part II.

In addition to the research, planning, analysis, and reporting activities, the practicum must involve at least 60 hours of experiential learning for the candidate. Each candidate is assigned an advisor from the Part I instructional staff and also works with a mentor who is usually a practising principal from the candidate's school system. The candidate must complete the planning process, implement the practicum, keep an implementation log and reflective journal, and then produce a written report of between 2000 and 2500 words on the practicum experience. The mentor and advisor consult regularly with the candidate during the practicum and evaluate the log, reflective journal, and written report. Both the mentor and advisor must declare the work to be at Level 3 or 4 on the evaluation rubric for successful completion of the course.

### **EDUC 4010 Principal's Course Part II - The Principal and Change**

Prerequisites: EDUC 4000 and EDUC 4005 (or equivalent)

Credits: 6

This course is the second of two courses designed for teachers who are interested in becoming qualified to be principals in the Province of Ontario. Part II focuses on the Principal and Change. The course begins with an exploration of the change forces currently affecting the public and Catholic schools and their communities. Attention is then directed to the process of identifying areas where change is required, initiating change, implementing change, and institutionalizing change. The course uses a simulation to contextualize discussion and make issues more immediate for candidates.

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## **Group Seven – Principal's Development Courses**

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Applicants must be admitted into the Advanced Bachelors Degree in Educational Leadership before enrolling in any of the

Educational Leadership courses. It is strongly recommended that candidates complete the Principal's Qualification Program, Part I and II before enrolling in the Principal's Development courses. These courses do not result in recommendation to the Ontario College of Teachers.

### **EDUC 4906 The Educational Leader's Role in Curriculum Implementation**

Credits: 3

There is a renewed interest in the principal's role as staff developer and instructional leader within the school particularly pertaining to the implementation of current curriculum policy. This role involves knowledge of the curriculum development, implementation, and review cycle and the ability to involve staff in professional development and growth that translates school improvement planning into effective action. Examples will be drawn from the areas of literacy and numeracy with a recognition of the importance of creating a balanced curriculum that includes appropriate instruction in all the subjects.

### **EDUC 4956 Staff Development**

Credits: 3

There is widespread agreement that the quality of the teacher's knowledge and skills impacts substantially on student achievement but much less agreement on how best to involve teachers in meaningful professional growth. As an effective school leader, the vice-principal and principal need to be able to engage teachers in relevant and effective staff development activities that contribute to school improvement. This course focuses on treating staff development as more than counting completed courses. There is a focus on organizational alignment that integrates staff development with the school improvement plan and performance evaluation process. Growth plans and portfolio assessment will be considered as well as ways to identify collectively needed areas for workshops and presentation. The contribution that long term mentoring and support plays in translating theory into effective practice is highlighted.

### **EDUC 4957 Community/School Relationships**

Credits: 3

This course focuses on how to involve parents and community in the school improvement process. There is a requirement for school councils but less knowledge and agreement on how to work with them constructively. As an effective school leader, the vice-principal and principal need to be able to engage in effective advocacy, nurture collective understanding and agreement, deal constructively with disagreement, negotiate, and build collaborative relationships. There is an emphasis on creating and supporting volunteer organizations and accessing human and material support from the community.

### **EDUC 4966 Information Technology In Educational Leadership**

Credits: 3

This course will focus on the knowledge, skills, and attitudes educational leaders need to enhance the use of information technology for school improvement. Information technology can be used as a management tool, a communication system within and outside the school and its community, and as a resource to enhance instructional leadership for curriculum development, implementation and review. A key component of the course will be the introduction of software that facilitates daily tasks of the school administrator. Another area of emphasis will be how to

use information technology to efficiently communicate with all of the school's educational stakeholders. In addition, educational leaders will explore staff development methods for using information technology to improve students learning outcomes.

### **EDUC 4996 Organization Development**

Credits: 3

In times of rapid change, the school administrator needs to be able to develop the school's teachers, staff, and involved parents into a learning organization that can respond effectively to emerging needs. This course focuses on the use of organizational development theory for school improvement. Developing shared vision and promoting team learning will be highlighted with particular emphasis on the work of Peter Senge. There will also be an emphasis on: assessing the organization's capacity for self-improvement; understanding and working effectively with individual and organizational change processes; using a curriculum review, development, and implementation model (CRDI); and developing in the school a sustained capacity for problem solving.

### **EDUC 4997 Data-based Decision Making**

Credits: 3

In an era of increased accountability in education, the school administrator needs to be able to access, analyze, and act upon data to fulfil the role of school leader. This course focuses on skills and knowledge a vice-principal or principal needs to use data to plan, implement, and evaluate school initiatives that improve student learning. There will be consideration of the appropriate uses of various kinds of data including EQAO provincial testing, teacher assessment data, school surveys, and school budgets to inform decision making about priorities for action. The Principal's role in leading, modeling, and supporting action research as a means of school improvement and professional development will be highlighted. There will also be an emphasis on working with teachers and the community to create school plans, to assess implementation initiatives, and to communicate results effectively.

## **Principal's Refresher Courses**

Applicants must:

1. have two years successful experience as a Principal or Vice-Principal; and
2. have completed the Ontario College of Teachers Principal's Leadership course, Parts I and II.

(\*please note that the University is planning to combine the following two courses into one full six-credit course)

### **\*EDUC 4976 School Leadership A/B**

Credits: 3

This course will assist practicing principals and vice-principals with day-to-day operational matters, as well as updating, extending and refining their understanding of current legislation and regulations, the development of educational policies, and management theories. Module A will focus on staff development; Module B will focus on teacher evaluation.

### **\*EDUC 4972E School Leadership C/D**

Credits: 3

This course will assist practicing principals and vice-principals with day-to-day operational matters, as well as updating, extending and refining their understanding of current legislation and regulations, the development of educational policies, and management theories. Module C will focus on curriculum implementation; Module D will focus on leadership for the future.

Note: Candidates who successfully complete Modules A, B, C, D will be recommended to the Ontario College of Teachers for the additional qualification Principal's Refresher Course (PRIN REF CRS). For details, contact the Office of the Associate Dean of Education.

# Aboriginal Programs

## Native Classroom Assistant Diploma Program

The Native Classroom Assistant Diploma Program is a jointly sponsored program of Nipissing University and the Department of Indian and Northern Affairs. The program consists of three separate Summer Sessions.

The program is open to persons of Aboriginal ancestry who have been selected by the responsible authorities on their Reserves, for the purpose of preparing them as Classroom Assistants.

### Admission Requirements

#### Part I:

##### Applicants must:

- have completed a minimum of Ontario Grade 12;
- be of Aboriginal descent;
- be recommended to the Program by a First Nation organization.

Students are encouraged to obtain classroom experience before commencing their program.

Applicants without Grade 12 may apply to write an equivalency test. Details of the test are available from the Office of the Registrar.

#### Part II:

##### Applicants must have:

- successfully completed Part I;
  - one year of classroom experience such as a classroom assistant (minimum of 200 hours, either paid or volunteer) which can be verified;
  - a practicum log and report.
- or**
- an educational assistant certificate, or an early childhood education diploma, or a developmental services worker diploma; and
  - one year of classroom experience such as a classroom assistant (minimum 200 hours, either paid or volunteer) which can be verified.

#### Part III:

##### Applicants must have:

- successfully completed Part II;
- two years of classroom experience such as a classroom assistant (minimum of 400 hours, either paid or volunteer) which can be verified;
- a practicum log and report.

## Registration

For further details or application forms, contact the Office of the Registrar.

Applications and the required application fee must be submitted by April 30, 2004.

## Part I Course Descriptions

### EDUC 1011 Child Development

Credits: 1

This course will present an overview of child development through the study of developmental theories and the use of developmentally appropriate practices.

### EDUC 1012 NCADP Primary Methods Part 1

Credits: 2

This course will focus on the teaching of Native children in Kindergarten to grade three classroom settings. The students will learn about teaching methodology with an emphasis on strategies for language development and building self-esteem.

### EDUC 1021 Language Arts I

Credits: 1

The course will focus on strategies to teach and to evaluate the language arts curriculum: speaking, reading, listening and writing.

### EDUC 1022 NCADP Junior Methods 1

Credits: 2

The course will focus on the teaching of Native children in grade four to six classroom settings. The student will be involved in curriculum development including the use of centres and thematic units.

### EDUC 1031 Native Culture & Heritage

Credits: 1

The course will present an overview of First Nations culture and heritage. Students will be introduced to various concepts of Aboriginal world views, which demonstrate First Nations special and unique way of seeing the world.

### EDUC 1041 Behaviour Management Support

Credits: 1

This course will focus on the creation of a learning environment that fosters self-esteem. Topics will include a discussion of values, and the crucial role teachers play in developing self-esteem, in being a role model, in recognizing appropriate behaviour, in establishing routines and in developing problem solving strategies for behaviour problems.

### EDUC 1010 NCADP Practicum I

Prerequisites: NCADP Part 1

This course will involve a 200-hour practicum. The participant will be working as classroom assistant with a certified teacher in a school setting. This practicum must be completed prior to entering NCADP II.

## Part II Course Descriptions

### EDUC 2011 NCADP Primary Methods II

Credits: 1

Prerequisites: NCADP Part I

The course will examine early intervention strategies for reading. It will include a discussion of reading recovery strategies and their impact on learners.

### EDUC 2012 NCADP II Special Education I

Credits: 2

Prerequisites: NCADP Part I

This course will examine the curriculum components that constitute a balanced physical and health education for children in primary classrooms. It will investigate current teaching approaches designed to meet the individual needs of students.

### EDUC 2021 NCADP Junior Methods II

Credits: 1

Prerequisites: NCADP Part 1

This course will focus on teaching in the junior division (children at the grade 4 to 6 level). It will include the curriculum development and organization strategies such as the creation of centres and thematic units.

### EDUC 2031 Physical Education I

Credits: 1

Prerequisites: NCADP Part I or NSEADP Part I

This course will examine the curriculum components that constitute a balanced physical and health education for children in primary classrooms. It will investigate current teaching approaches designed to meet the individual needs of students.

### EDUC 2041 Language Arts II

Credits: 1

Prerequisites: NCADP Part I or NSEADP Part I

This course will investigate various factors that influence language learning. It will also focus on language processes (reading, writing, listening, and speaking) and current theories of language arts instruction.

### EDUC 2051 Mathematics

Credits: 1

Prerequisites: NCADP Part I or NSEADP Part I

This course will focus on the development of basic mathematical concepts in children in the primary and junior divisions. It will investigate current approaches, which link mathematical understanding with development in children.

### EDUC 2061 Computers I

Credits: 1

Prerequisites: NCADP Part I or NSEADP Part I

This course will discuss strategies for integrating and using computer technology in classrooms and for individualized programs.

### EDUC 2010 NCADP Practicum II

Prerequisites: NCADP Part II

This course will involve a 200-hour practicum. The participant will be working as classroom assistant with a certified teacher in

school setting. This practicum must be completed prior to entering NCADP III.

## Part III Course Descriptions

### EDUC 3011 NCADP Primary Methods III

Credits: 1

Prerequisites: NCADP Part II

This course will examine planning, implementation and assessment strategies for primary programs (kindergarten to grade three). It will address principles of curriculum design including teaching strategies, organization and the use of support materials and resources in the primary grades.

### EDUC 3012 NCADP III Special Education II

Credits: 2

Prerequisites: NCADP Part II

This course will assist participants in developing competence in gathering information to understand the educational needs of children with exceptionalities. It will focus on the characteristics of effective instructional programs, which accommodate children's exceptionalities.

### EDUC 3021 NCADP Junior Methods III

Credits: 1

Prerequisites: NCADP Part II

This course will examine planning, implementation and assessment strategies for junior programs (Grades four to six). It will address principles of curriculum design including teaching strategies, organization and the use of support materials and resources in the junior grades.

### EDUC 3031 Physical Education II

Credits: 1

Prerequisites: NCADP Part II

This course will examine the curriculum components that constitute a balanced physical and health education for children in junior classrooms. It will investigate a range of teaching approaches designed to meet the individual needs of students.

### EDUC 3041 Children's Literature

Credits: 1

Prerequisites: NCADP Part II

This course will survey books and other print material for children. It will also focus on criteria for evaluation and analysis of children's books; types of literature considered in interests of children and a study of the works of representative Native authors. The contribution of children's literature to the elementary school program will be discussed.

### EDUC 3051 Music & Drama

Credits: 1

Prerequisites: NCADP Part II

This course will investigate drama as an expressive art including strategies such as dramatic play, mime, improvisation and story drama. It will also involve a study of music curricula, which promotes aesthetic development through experiences in singing, playing, listening, creating, moving and dramatizing.

**EDUC 3061 Computers in the Classroom**

Credits: 1

Prerequisites: NCADP Part II

This course will allow students to develop strategies for using and integrating computers in subject areas such as Language Arts and Math. It is designed to develop greater computer competency in participants through its hands on format.

Successful candidates will receive: The Nipissing University Native Classroom Assistant Program Diploma upon completion of Part III.

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## Native Special Education Assistant Diploma Program

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The Native Special Education Assistant Diploma Program is a jointly sponsored program of Nipissing University and the Department of Indian and Northern Affairs.

On completion of this program the Native Special Education Assistant will have the skills to work with handicapped children, and with children experiencing behavioural problems, in their community environment.

The program is open to persons of Aboriginal ancestry who have been selected by the responsible authorities on their Reserves, for the purpose of preparing them as Assistants for students with special needs.

### Admission Requirements

**Part I:****Applicants must:**

- have a minimum of Ontario Grade 12;
- be of Aboriginal descent;
- be recommended to the program by a First Nation organization.

Students are encouraged to obtain classroom experience before commencing their program.

Applicants without Grade 12 may apply to write an equivalency test. Details of the test are available from the Office of the Registrar.

**Part II:****Applicants must have:**

- successfully completed Part I;
- one year of classroom experience such as a special education assistant (minimum 200 hours, either paid or volunteer) which can be verified;
- a practicum log and report.

**Part III:****Applicants must have:**

- successfully completed Part II;
- two years of classroom experience such as a classroom assistant (minimum of 400 hours, either paid or volunteer) which can be verified;
- practicum log and report;
- a recent criminal record check.

### Registration

For further information or application forms, contact the Office of the Registrar.

Applications and the required application fee must be submitted by April 30, 2004.

### Part I Course Descriptions

The program consists of three summer sessions.

**EDUC 1011 Child Development**

Credits: 1

This course will present an overview of child development through the study of developmental theories and the use of developmentally appropriate practices.

**EDUC 1021 Language Arts I**

Credits: 1

The course will focus on strategies to teach and to evaluate the language arts curriculum: speaking, reading, listening and writing.

**EDUC 1031 Native Culture & Heritage**

Credits: 1

The course will present an overview of First Nations culture and heritage. Students will be introduced to various concepts of Aboriginal world views which demonstrate First Nations special and unique way of seeing the world.

**EDUC 1041 Behaviour Management Support**

Credits: 1

This course will focus on the creation of a learning environment that fosters self-esteem. Topics will include a discussion of values, and the crucial role teachers play in developing self-esteem, in being a role model, in recognizing appropriate behaviour, in establishing routines and in developing problem solving strategies for behaviour problems.

**EDUC 1110 NSEADP Practicum I**

Prerequisites: NSEADP Part I

This course will involve a 200-hour practicum. The participant will be working as special education assistant with a certified teacher in a school setting. This practicum must be completed prior to entering NSEADP II.

**EDUC 1112 NSEADP Methods I**

Credits: 2

The course will provide an introduction to teaching strategies for children with special needs. It will prepare the course participants to work in an collaborative primary classroom environment with teachers.

**EDUC 1122 NSEADP Methods II**

Credits: 2

The course will provide an overview of the key descriptors of students identified as exceptional in Special Education Programs in Ontario. It will identify teaching strategies for working collaboratively with teachers and children in a classroom context.

**Part II Course Descriptions****EDUC 2031 Physical Education I**

Credits: 1

Prerequisites: NCADP Part I or NSEADP Part I

This course will examine the curriculum components that constitute a balanced physical and health education for children in primary classrooms. It will investigate current teaching approaches designed to meet the individual needs of students.

**EDUC 2041 Language Arts II**

Credits: 1

Prerequisites: NCADP Part I or NSEADP Part I

This course will investigate various factors that influence language learning. It will also focus on language processes (reading, writing, listening, and speaking) and current theories of language arts instruction.

**EDUC 2051 Mathematics**

Credits: 1

Prerequisites: NCADP Part I or NSEADP Part I

This course will focus on the development of basic mathematical concepts in children in the primary and junior divisions. It will investigate current approaches, which link mathematical understanding with development in children.

**EDUC 2061 Computers I**

Credits: 1

Prerequisites: NCADP Part I or NSEADP Part I

This course will discuss strategies for integrating and using computer technology in classrooms and for individualized programs.

**EDUC 2110 NSEADP Practicum II**

Prerequisites: NSEADP Part II

This course will involve a 200-hour practicum. The participant will be working as a classroom assistant with a certified teacher in a school setting. This practicum must be completed prior to entering NSEADP III.

**EDUC 2111 NSEADP Methods III**

Credits: 2

Prerequisites: NSEADP Part I

The course is designed to assist the participants in assessing children with special needs. It will include a study of IPRC pro-

cedures (Identification Placement and Review Committee) and the development of an IEP (Individual Education Plan). Participants will learn basic screening and identification procedures for children with learning disabilities.

**EDUC 2112 NSEADP Special Education: Learning Disabilities and the Inclusive Classroom**

Credits: 2

Prerequisites: NSEADP Part I

This course will provide a more in depth analysis of special education in Ontario. It will focus on learning disabilities and investigates theories and philosophies of inclusion. Participants will learn basic screening and identification procedures, will learn how to plan for differentiated instruction and become familiar with the education of students with learning disabilities.

**EDUC 2121 NSEADP Methods IV**

Credits: 2

Prerequisites: NSEADP Part I

The course will concentrate on the education of students with behavioural exceptionalities. Participants will learn to assist in basic screening and identification procedures. They will also be exposed to designing and implementing individual educational plans. The course will prepare the student to work in a collaborative environment with teachers in the classroom.

**Part III Course Descriptions****EDUC 3112 NSEADP III Special Education: Behaviour**

Credits: 2

Prerequisites: NSEADP Part II

This course will examine the current literature in screening, identification, program planning and evaluation for the purpose of meeting the learning needs of students with behavioural disorders. Utilizing the literature and the participant's experience, specific topics will be examined in depth.

**EDUC 3114 NSEADP III Practicum**

Prerequisites: NSEADP Part II

The course is a four-week half-day practicum where the student works with children with special needs in the local community.

**EDUC 3122 NSEADP III Special Education: The Slow Learner**

Credits: 2

Prerequisites: NSEADP Part II

This course will investigate the education of the slow learner student and the student with mild intellectual disabilities. Participants will learn basic screening and identification procedures plus develop basic competency in designing and implementing educational programs.

**Practicum**

Students participate in a supervised practicum situation with trained staff, and students with handicapped exceptionalities. The focus is on learning instructional techniques and necessary life skills required when assisting students with special needs.

**Successful candidates will receive:** The Nipissing University Native Special Education Assistant Program Diploma upon completion of Part III.



# Aboriginal Teacher Certification Program

The Aboriginal Teacher Certification Program has been designed to prepare people of Native ancestry for teaching positions in Ontario. This program is offered over two summers. The next intake for the program will be Summer 2005.

The Program meets the academic requirements of Nipissing's teacher education program, and graduates are recommended to the Ontario College of Teachers for a Certificate of Qualification in the Primary/Junior Division (Junior Kindergarten to Grade 6).

The goal of the Program is to train Native teachers who will be able to provide the regular Ontario elementary school curriculum combined with traditional values, culture and art.

## Admission Requirements

1. Any of the following completed certifications:  
Early Childhood Education (ECE);  
Native Classroom Assistant Diploma Program (NCADP);  
Native Special Education Assistant Diploma Program (NSEADP);  
Native Language Teaching Certificate (NLTC); or  
Social/Education Counsellor.
2. Three years of successful experience working with Primary/Junior Division students in an educational setting. Candidates must have a minimum of 700 hours of experience per year.
3. Ontario Secondary School Diploma - Grade 12 or equivalent.
4. Be of Aboriginal descent.

## Certification

Students who successfully complete all components and requirements of the Program including the Writing Skills Test will be recommended to the Ontario College of Teachers for a Certificate of Qualification in the Primary/Junior Division.

Native Language Teaching Certificate graduates will also receive the Additional Qualification NSL Part 2.

Students who complete an undergraduate degree within 10 years of completing the requirements for a teaching certificate and who obtain an overall average of 70% on the required courses in the Aboriginal Teacher Certification program will be eligible for a Bachelor of Education degree. Contact the Office of the Registrar for graduation procedures upon completion of the undergraduate degree.

## Registration

For further details or application forms, contact the Office of the Registrar.

## The Program

The Program consists of two summer sessions to be held at Nipissing University in North Bay, and two in-school internships under a Provisional Letter of Standing/Certificate of Qualification Limited/Restricted.

## Session One

### EDUC 4146 Curriculum Studies 1 (Primary/Junior), Part I

Credits: 3

Language Arts - psychological and sociological factors influencing language learning; the language processes (listening, speaking, reading, writing); usage and grammar as functions of children's communication needs; current theories of reading instruction; expressive, transactional and poetic writing; children's literature; native literature (traditional and contemporary); developmental programs in listening, speaking, reading and writing. Drama - drama as an expressive art; dramatic play, mime, improvisation, story drama, program development in drama.

### EDUC 4158 Curriculum Studies 2 (Primary/Junior), Part I

Credits: 2

Health and Physical Education - an examination of curriculum components that constitute a balanced health and physical education program for children in the Primary and Junior Division with special emphasis on Aboriginal lifestyles and communities; participation in activities that promote growth in the four developmental channels of physical and health education; an investigation of current approaches designed to meet individual needs of children. Visual Art - an introduction to art education with a focus on the interdependent relationships among contemporary art education, philosophy, psychology, methodology and art content with special emphasis on Aboriginal art perspective; studio activities which will provide first-hand experience with a variety of art materials, tools processes and techniques pertinent to the classroom. Music - a study of music curricula which promotes aesthetic development through experiences in singing, playing, listening, creating, moving and dramatizing; an examination of systems which develop the skills of reading and writing the language of music; the study of traditional Aboriginal music taken from a variety of Aboriginal cultures.

### EDUC 4168 Curriculum Studies 3 (Primary/Junior), Part I

Credits: 2

Math - the underlying structures and unifying principles of mathematics; the development of basic mathematical concepts in students in the Primary and Junior Division; an investigation of current approaches which link mathematical understanding to development in children. Science - the underlying structure and framework of principles and concepts of science and technology; the development of science processes and attitudes; an examination of Aboriginal perspectives on the environment; an investigation of current approaches and instructional strategies which link scientific understanding to child development. Social Studies - fundamental concepts and instructional strategies in Social Studies in the Primary and Junior Divisions; developing an understanding of the relationship of earths' peoples with their social and physical environments in the past and present focusing on Canada's First

Nations and their relationship within their own communities and within the country as a whole; promoting insights into the global community and its implications for the life of today's pupil.

**EDUC 4178 Curriculum Methods (Primary/Junior), Part I**

Credits: 2

A study of teaching and learning in the Primary and Junior Divisions relevant to selected models of instruction and considering the distinctive needs of Aboriginal students. An introduction to the role of educational media in the teaching-learning process, stressing the unique characteristics of various media, the principles of effective preparation and application of teacher materials. A study of computers in an educational setting leading to basic skills in the operation of a microcomputer.

**EDUC 4186 Education and Schooling/Educational Psychology (Primary/Junior)**

Credits: 3

An introduction to major components of education in the Primary and Junior Divisions of elementary schools stressing history, philosophy, sociology and psychology; developing an awareness of First Nations jurisdiction over education and its implications; and an understanding of Aboriginal child-rearing practices and their impact on the education of Aboriginal children.

Successful students will be recommended to the Ontario College of Teachers for a Certificate of Qualification (Limited).

## Internship One

**EDUC 4664 Observation and Practice Teaching (Primary/Junior)**

Credits: 3

Students arrange to teach in a Primary/Junior classroom. The Certificate of Qualification Limited qualifies students to accept full-time positions in Ontario.

Students enrol in EDUC 4664: Observation and Practice Teaching (Primary/Junior) and teach in a primary or junior classroom under the supervision of local school authorities and Nipissing faculty.

## Session Two

**EDUC 4147 Curriculum Studies 1 (Primary/Junior), Part II**

Prerequisite: EDUC 4146

Credits: 3

A continuation of the study of Language Arts - psychological and sociological factors influencing language learning; the language processes (listening, speaking, reading, writing); usage and grammar as functions of children's communication needs; current theories of reading instruction; expressive, transactional and poetic writing; children's literature; Native literature (traditional and contemporary); developmental programs in listening, speaking, reading and writing. Drama - drama as an expressive art; dramatic play, mime, improvisation, story drama, program development in drama.

**EDUC 4159 Curriculum Studies 2 (Primary/Junior), Part II**

Prerequisite: EDUC 4158

Credits: 2

A continuation of the study of Health and Physical Education - an examination of curriculum components that constitute a balanced health and physical education program for children in the Primary and Junior Division with special emphasis on Aboriginal lifestyles and communities; participation in activities that promote growth in the four developmental channels of physical and health education; an investigation of current approaches designed to meet individual needs of children. Visual Art - an introduction to art education with a focus on the interdependent relationships among contemporary art education, philosophy, psychology, methodology and art content with special emphasis on Aboriginal art perspective; studio activities which will provide first-hand experience with a variety of art materials, tools processes and techniques pertinent to the classroom. Music - a study of music curricula which promotes aesthetic development through experiences in singing, playing, listening, creating, moving and dramatizing; an examination of systems which develop the skills of reading and writing the language of music; the study of traditional Aboriginal music taken from a variety of Aboriginal cultures.

**EDUC 4169 Curriculum Studies 3 (Primary/Junior), Part II**

Prerequisite: EDUC 4168

Credits: 2

A continuation of the study of Math - the underlying structures and unifying principles of mathematics; the development of basic mathematical concepts in students in the Primary and Junior Division; an investigation of current approaches which link mathematical understanding to development in children. Science - the underlying structure and framework of principles and concepts of science and technology; the development of science processes and attitudes; an examination of Aboriginal perspectives on the environment; an investigation of current approaches and instructional strategies which link scientific understanding to child development. Social Studies - fundamental concepts and instructional strategies in Social Studies in the Primary and Junior divisions; developing an understanding of the relationship of earth's peoples with their social and physical environments in the past and present focusing on Canada's First Nations and their relationship within their own communities and within the country as a whole; promoting insights into the global community and its implications for the life of today's pupil.

**EDUC 4179 Curriculum Methods (Primary/Junior), Part II**

Prerequisite: EDUC 4178

Credits: 2

A study of teaching and learning in the Primary and Junior Divisions, relevant to selected models of instruction and considering the distinctive needs of Aboriginal students. An introduction to the role of educational media in the teaching-learning process, stressing the unique characteristics of various media, the principles of effective preparation and application of teacher materials. A study of computers in an educational setting leading to basic skills in the operation of a microcomputer.

### **EDUC 4187 Education and Schooling/Special Education (Primary/Junior), Part II**

Prerequisite: EDUC 4186  
Credits: 3

A continuation of the study of the philosophy and sociology of education in the Primary and Junior Divisions; a study of the needs of exceptional children; background knowledge and evaluative skills for curricular decisions.

Successful students will be recommended to the Ontario College of Teachers for an extension of the Certificate of Qualification (Limited).

### **Internship Two**

#### **EDUC 4674 Observation and Practice Teaching (Primary/Junior)**

Prerequisite: EDUC 4664  
Credits: 3

Students enrol in EDUC 4674E: Observation and Practice Teaching (Primary/Junior) and teach in a primary or junior classroom under the supervision of local school authorities and Nipissing faculty.

Note: Successful candidates will be recommended to the Ontario College of Teachers for a Certificate of Qualification in the Primary/Junior Division.

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## **Academic Regulations/Information**

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The following regulations apply to students registered in the NCADP, NSEADP and ATPC programs.

### **Academic Advising**

Students in the Faculty of Education who need advice on any academic matter should consult with the principal of the programs.

### **Academic Dishonesty**

The University takes a very serious view of such offenses against academic honesty as plagiarism, cheating, and impersonation. Penalties for dealing with such offenses will be strictly enforced. The complete policy on Academic Dishonesty is in the Policies section of the Calendar.

### **Academic Standing**

Students in a NCADP or NSEADP diploma program are in good academic standing if they have:

- satisfied all conditions of admission;
- attained a minimum average of 60% on all passed courses taken at Nipissing University during the previous academic year or in the previous 30 credit attempts;
- maintained a minimum average of 60% on all passed courses taken at Nipissing University;

- completed the required first year introductory level course(s) with a minimum grade of 60% (or equivalent, if taken elsewhere) after no more than two attempts.

### **Appeals**

Please refer to the Policies section of the Calendar.

### **Attendance**

Punctual and regular attendance is essential for the successful completion of the program. Students who do not demonstrate regular attendance may be required to withdraw from their program unless medical documentation or other authorized documentation, deemed appropriate by the Faculty, is received.

### **Final Examinations**

Final examinations for each course are mandatory, except where otherwise approved by Senate.

#### **Review of Final Examinations**

Students may request in advance to view their examination papers in the Office of the Registrar. Upon request by a student, and at a time mutually agreed upon by the instructor and student, the instructor shall review the examination paper in the presence of the student. The closing date to request reviews is one month after the release of marks.

#### **Special Final Examinations**

Students who are unable to write final examinations because of illness or other circumstances beyond their control, or whose performances on the examination has been impaired by such circumstances, may on application, be granted permission to write a special final examination. Such application must:

- be made in writing to the Dean of Education not later than one week after the date of the examination; and
- be fully supported in the cases of illness by a medical certificate or by the appropriate documents in other cases.

The petition for such special examinations must be filed within a week of the day of the regular examination.

There will normally be a fee for special examinations.

## **Grades and the Basis for Assessment**

### **Letter Grades and Grading Standards**

“A” – (80-100%)

“B” – (70-79%)

“C” – (60-69%)

“D” – (50-59%)

“F” – (0 - 49%)

“A” indicates Exceptional Performance: comprehensive in-depth knowledge of the principles and materials treated in the course, fluency in communicating that knowledge and independence in applying material and principles.

“B” indicates Good Performance: thorough understanding of the breadth of materials and principles treated in the course and ability to apply and communicate that understanding effectively.

- “C” indicates Satisfactory Performance: basic understanding of the breadth of principles and materials treated in the course and an ability to apply and communicate that understanding competently.
- “D” indicates Minimally Competent Performance: adequate understanding of most principles and materials treated in the course, but significant weakness in some areas and in the ability to apply and communicate that understanding.
- “F” indicates Failure: inadequate or fragmentary knowledge of the principles and materials treated in the course or failure to complete the work required in the course.
- “I” indicates Incomplete.
- “W” indicates Withdrawal with permission.

### **Aegrotat Standing**

Aegrotat standing (credit granted with incomplete course work) will be considered only in exceptional circumstances (usually only in cases of serious illness) and if term work has been of high quality.

### **Determination of Final Grades**

- a) A student’s grade in each course will be based upon the year’s work, and the final examination if applicable;
- b) The final examination will not make up more than 70% or less than 30% of the final grade in each course;
- c) The instructor will discuss with the class the basis for assessment specifying the relative weight of each examination, test, in-class activity and written assignment;
- d) The instructor will also specify which assignments must be completed in order to receive a grade in the course;
- e) The method of determining final grades is to be discussed with students;
- f) The instructor must inform students of their standing prior to the date for honourable withdrawal from the course. If no written term work has been evaluated by that date, the information shall be given in the form of a written statement of the student’s standing;
- g) The instructor is required to return to students all written work, other than final examinations, which has been submitted for evaluation purposes. Students may discuss with their instructor the work presented, the comments made, and the grade assigned;
- h) Final evaluation submissions are not returned to students but are kept on file by the Office of the Registrar for six months after the publication of Grade Reports;
- i) For each course, a final marks sheet is completed, signed by the Instructor and submitted to the Dean for approval within five calendar days of the exam. The Dean’s signature indicates that the marks submission is consistent with existing practices and policies of the Faculty. Revisions to any previously assigned grade are submitted in writing for the approval of the Dean, together with the reasons for such revisions. Grades are not official until they have been approved by the Dean and released by the Office of the Registrar;
- j) The final marks issued by Nipissing University are the only ones accepted as binding.

### **Incomplete Grades**

In exceptional circumstances, a student may request consideration for an Incomplete grade (I). Such a request must be submitted in writing, through the instructor to the Dean of Education, together with reasons for the request.

Any student assigned an Incomplete grade must complete all course requirements within one month after the end of the examination period. If after that period the course is not completed or an extension has not been granted by the Dean of Education, a grade “F” will be recorded on the student’s academic record.

In order to be considered for an extension of the completion date beyond the normal one month period, a student must submit a written request to the Dean of Education, through the instructor, explaining the reasons for such an extension. Under no circumstances may a completion date exceed six months from the end of the examination period.

### **Release of Final Grades**

Final grades will be withheld from any student who has an outstanding account at the University or Library and such students will forfeit their right to appeal grades.

### **Transcript of Records**

Graduates will be given one transcript of their academic record. Other requests for official transcripts must be made through the Office of the Registrar. The fee for transcripts is published in the Fee Section of this Calendar, and is due before the request is processed. Transcripts must be requested in writing or in person; telephone requests will not be accepted.

### **Diploma/Certificate Requirements**

To graduate with a NCADP Diploma, students must:

- a) satisfy all stated requirements for the diploma;
- b) students must be successful in all practicum sessions.
- c) students must have an overall average of 60% with no less than a 50% in any course and no less than 60% in

EDUC 1012 NCADP Primary Methods I  
 EDUC 1022 NCADP Junior Methods I  
 EDUC 2011 NCADP Primary Methods II  
 EDUC 2021 NCADP Junior Methods II  
 EDUC 3011 NCADP Primary Methods III  
 EDUC 3021 NCADP Junior Methods III

To graduate with a NSEADP Diploma, students must:

- a) satisfy all stated requirements for the diploma;
- b) students must be successful in all practicum sessions.
- c) students must have an overall average of 60% with no less than a 50% in any course and no less than 60% in

EDUC 1112 NSEADP Methods I  
 EDUC 1122 NSEADP Methods II  
 EDUC 2111 NSEADP Methods III  
 EDUC 2121 NSEADP Methods IV

To graduate with an ATCP certificate and to be recommended to the Ontario College of Teachers for an Ontario Teaching Certificate students must:

- a) satisfy all stated requirements for the program;
- b) students must be successful in all practicum sessions.
- c) complete all required courses with a minimum of 60% in each course

## Fees

### Native Classroom Assisted Diploma Program

Each summer session \$1,150.00  
(Program requires completion of three summer session)

### Native Special Education Assisted Diploma Program

Each summer session \$1,150.00  
(Program requires completion of three summer sessions)

### Aboriginal Teacher Certification Program

Each summer session \$2,250.00  
(Program requires completion of two summer sessions)

For further information on these programs please contact the Office of the Registrar.

# Master of Education Program

The Master of Education (MEd) program is designed to prepare educational leaders for learning environments such as classrooms, schools and other learning organizations.

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## How to Apply

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The Master of Education (MEd) program is available on a part-time basis in Barrie, Bracebridge, Brantford, North Bay, Sault Ste. Marie, Sudbury, Timmins and York Region.

Application forms for admission to the MEd program can be obtained from the Office of the Registrar. Applications must be received by March 26, 2004 for Summer admission, May 28, 2004 for Fall admission and October 22, 2004 for Winter admission. It is the applicant's responsibility to ensure that all documents are submitted by the required deadline date. Incomplete applications will not be processed.

## Required Documentation

The following documents must be submitted to the Office of the Registrar before an application for the Master of Education program will be evaluated:

- a) The MEd application form completed in full and accompanied by the non-refundable application fee;
- b) Official transcript(s). Official transcripts must be forwarded directly, from all universities attended, to the Office of the Registrar at Nipissing University. (Foreign transcripts not written in English must be accompanied by an officially certified English translation);
- c) Two confidential references, one professional and one academic, sent directly by the referees. References received from the applicant will not be considered. Use the forms entitled Professional Recommendation and Academic Recommendation enclosed with the application form;
- d) Copies of documents attesting to teacher education or teacher certification, if applicable;
- e) A résumé detailing professional and educational experience and a typed statement of 500 words or less explaining the value of undertaking a Master of Education program in your teaching/learning environment;
- f) Applicants whose first language is not English will be required to submit the results from either the Test of English as a Foreign Language (TOEFL) including the Test of Written English (TWE) component or the International English Language Testing System (IELTS).

The required minimum score for TOEFL is 600 on the paper-based test or 250 on the computer-based test with a minimum score of 5.5 on the TWE. The test is administered by the Educational Testing Service: [www.toefl.org](http://www.toefl.org)

The requirement for IELTS is a minimum overall score of 7 with scores of at least 6.5 in reading and listening and scores of at least 7 in writing and speaking. The test is administered by IELTS Test Centre Canada: E-mail: [ielts@conestogac.on.ca](mailto:ielts@conestogac.on.ca)

## Admission Requirements

To be eligible for admission consideration to the MEd program, applicants must meet the following minimum criteria:

- Proof of graduation with an approved undergraduate degree from an accredited university with at least a “B” standing; Preference will be given to students with a four-year undergraduate degree. Admission average is determined by grades received on the applicant’s undergraduate degree;
- Two confidential references; one attesting to the academic ability of the applicant, and the other to professional standing and experience;
- Approved teaching certificate or equivalent;\*
- One year of professional experience in education or equivalent;\*\*
- A résumé detailing professional and educational experience and a typed statement of 500 words or less explaining the value of undertaking a Master of Education program in your teaching/learning environment;
- Applicants whose first language is not English will be required to submit the results from either the Test of English as a Foreign Language (TOEFL) including the Test of Written English (TWE) component or the International English Language Testing System (IELTS).

The required minimum score for TOEFL is 600 on the paper-based test or 250 on the computer-based test with a minimum score of 5.5 on the TWE. The test is administered by the Educational Testing Service:

[www.toefl.org](http://www.toefl.org)

The requirement for IELTS is a minimum overall score of 7 with scores of at least 6.5 in reading and listening and scores of at least 7 in writing and speaking. The test is administered by IELTS Test Centre Canada: E-mail: [ielts@conestogac.on.ca](mailto:ielts@conestogac.on.ca)

If the previous program undertaken by the student shows gaps or weaknesses, additional course work or other study may be required. Such work will not necessarily count toward the requirements for the MEd degree.

\* For example, persons with suitable educational experience in a field that does not require teaching certification (e.g. CAAT instructors, nurses, etc.) will be considered for special admission.

\*\* For example, persons with suitable professional experience in a field other than education will be considered for special admission.

### Admission With Advanced Standing

Master of Education candidates may receive advanced standing for a maximum of four graduate three-credit courses completed prior to the time of application to Nipissing. Advanced standing will only be considered for those courses taken within six years of enrolment in the MEd program. Requests for advanced standing will be considered only at the time of admission and only for graduate courses completed with a grade of “B” or higher.

## Registration Procedures and Regulations

Those admitted to the MEd program will be sent a registration package along with their offer of admission.

### Course Changes

Course changes are not permitted after the dates listed in Column A below.

It is the student’s responsibility to initiate course changes. Neither a verbal request for a change, nor an informal change will be accepted as valid. Students must apply through the Office of the Registrar to initiate any changes.

A course from which withdrawal is made before the date specified in Column B will not be recorded on the student’s academic record.

A course from which withdrawal is made after this date but before the date specified in Column C will be recorded on the student’s academic record as a “W” (Withdrawal).

If a student withdraws after the date specified in Column C, a grade of “F” (Fail) will automatically be assigned.

Unless this procedure is followed within the specified deadlines no credit adjustment will be made to the student’s account and the student’s academic record will indicate a failure in the course rather than a withdrawal.

	Last date to change courses	Courses will be recorded on academic transcript after this date	Last date to withdraw without academic penalty
Session	Column A	Column B	Column C
Spring 3-credit	May 10/04	May 10/04	June 11/04
Summer 3-credit courses	July 7/04	July 7/04	July 7/04
Fall 3-credit courses	Sept. 24/04	Sept. 24/04	Oct. 29/04
Winter 3-credit courses	Jan. 14/05	Jan. 14/05	Feb. 18/05

## Charges and Fees

### General Information

This Calendar is published several months in advance of the academic year. The University reserves the right to change fees and refund policies without notice.

Non-payment of fees may render a student ineligible for registration in future sessions. In addition, students who are in finan-

cial arrears to the University will not be issued their transcripts of record, statement of standing, or related evidence of their academic progress until such time as their accounts are cleared.

Payment of academic fees does not imply a student's acceptance to the University or approval of their registration. Academic requirements have to be satisfied before registration is completed.

## Payment of Fees

Registrations will not be processed unless they are received with full payment.

Tuition and fees owing should be paid by cheque, money order, MasterCard or VISA credit card. Verbal credit card authorizations are not permitted. Any student who issues a cheque for payment to Nipissing University and whose cheque is returned to the University for any reason will be subject to a service charge of \$40 for cheques equal to or greater than \$250.00, and \$20.00 for cheques less than \$250.00. If payment is sent by mail please ensure that your Nipissing University student number is recorded on the front of the cheque. Payments sent by mail and postmarked by midnight of the deadline date will be accepted without penalty. Regardless of the date on the cheque, unless it is received in the Finance Office by the dates specified below, the student will be subject to a late payment service charge of \$35.

### Payment Due Dates: Part-time Students

Master of Education	Payment	Late Registration Fees Charged After This Date
Spring 2004	Upon Registration	April 9/04
Summer 2004	Upon Registration	June 4/04
Fall/Winter 2004-2005		
1st Term	Upon Registration	Aug. 16/04
2nd Term	Upon Registration	Dec. 3/04

### Fees: Part-time Students

All students should refer to the Other Fees section below for additional charges that may apply to them.

#### A. Canadian Citizens, Permanent Resident and International Students exempt from Visa requirements (see index for International Student Fees).

##### Tuition:

per 12-credit course	\$2,244.00 <sup>(1)</sup>
per 6-credit course	1,122.00 <sup>(2)</sup>
per 3-credit course	561.00

##### International Students (as at Registration):

per 12-credit course	9,990.00
per 6-credit course	4,995.00
per 3-credit course	2,497.50
Auditor Fees per 3-credit course	70.00

##### Other Fees

Incidental Fees per 3-credit course (see below)	24.25
Material Production Fees per 3-credit course	12.50

## B. Senior Citizens

Nipissing University welcomes senior citizens (60 years of age or over as at the date of registration) as students. Regular tuition and incidental fees are applicable for senior citizens, however a tuition fee waiver may be available upon request. Please direct inquiries regarding this waiver to the Financial Aid Office.

## C. Payment Options:

### (1) Thesis

- a) Payment in full at time of registration;
- b) Three installment payments paid over three semesters. The installment payment will be equivalent to 1/3 of the tuition and incidental fees for the twelve-credit course in effect for that semester plus an installment fee of \$20 per semester.

Students continuing to work on their thesis after the 3rd semester and not enrolled in any MEd course will be subject to a \$35.00 continuance fee per academic term until completion of the thesis.

### (2) Research Paper

- a) Payment in full at time of registration
- b) Two installment payments paid over two semesters. The installment will be equivalent to the tuition and incidental fees for a three-credit course in effect for that semester plus an installment fee of \$20 per semester.

Students continuing to work on their research papers after the 2nd semester and not enrolled in any MEd course will be subject to a \$35.00 continuance fee per academic term until completion of the paper.

## Other Fees

### A. Incidental Fees

	Part-time per 3-credit course
* Athletics	\$2.50
* Health Services	N/A
* Student Services Fee	4.75
* E-mail/Internet Access Fee	5.00
* Student Insurance Plan	N/A
* Student ID Card	1.50
* Nipissing University Student Union	6.50
* Canadian Federation of Students	N/A
* Student Centre Levy	4.00
Total Incidental Fees	\$24.25

\* Non-refundable fees

### B. Additional Course Fees

	Part-time per 3-credit course
Material Production Fee	12.50

**C. Service Fees**

**Part-time**

Late Registration fee	30.00
MEd Application fee	50.00
Replacement ID Cards	8.50
Duplicate T2202A Receipt	5.00
Transcript fee (payable in cash or money order for each copy ordered)(1)	8.00
Locker Rental (contact Campus Shop)	20.00
Installment Fee	20.00
Replacement Diploma	35.00
Letter of Permission	25.00
Advanced Standing/Transfer Credit	25.00
* Special Final Examinations	56.00
Master's Program(2) Continuance Fee	35.00
Parking (Contact Security Office)	

\* Non-refundable fees

- (1) Transcripts may be ordered by fax and charged to your MasterCard or VISA credit card. Verbal credit card authorizations are not permitted. Along with your request, please include your student number, credit card number, expiry date and signature. Requests should be faxed to the Office of the Registrar at (705) 495-1772.
- (2) Students not registered in an MEd course during an academic term will be subject to a continuance fee of \$35.00. There are two academic terms throughout the year – Fall/Winter and Spring/Summer. Students failing to comply with this regulation will be assumed to have withdrawn from the program and will have to apply for re-admission.

**Statements of Account**

If students have outstanding balances, a statement will be mailed to their permanent address. Please note that statements of account are not automatically mailed after each transaction. If you add courses after confirmation of registration, you are financially responsible for those courses. If for some reason students do not receive their statement of account, they are still responsible for paying any outstanding balance by the due dates. Inquiries concerning account balance should be directed to the Finance Office.

**Receipt for Income Tax**

Tuition and Education Credit Certificates (T2202A's) will be mailed by the end of February to the permanent address of all students. There will be a charge of \$5.00 for preparation of duplicate receipts.

**Withdrawal and Tuition Fee Adjustment**

By registering, students undertake to pay all fees for the entire year regardless of the arrangements made for deferred payments. Students wishing to withdraw from a course or courses must do so through WebAdvisor or through the Office of the Registrar. Stopping payment on a cheque presented at registration does not constitute official withdrawal.

**Tuition Credit Schedule**

Tuition fee credits will be calculated according to the schedule below. If a credit remains on a student's account after all fees are paid, a refund cheque will be issued.

		Tuition Fee Credit
<b>Spring (3-credit course)</b>		
Before session begins	May 7, 2004	100%
On or before	May 14, 2004	90%
On or before	May 21, 2004	75%
On or before	May 28, 2004	50%
On or before	June 4, 2004	40%
On or before	June 11, 2004	25%
On or before	June 18, 2004	0%
<b>Summer (3-credit course)</b>		
Before session begins	July 5, 2004	100%
On or before	July 7, 2004	90%
On or before	July 8, 2004	75%
On or before	July 14, 2004	50%
On or before	July 15, 2004	25%
After	July 15, 2004	0%
<b>Fall (3-credit course)</b>		
On or before	September 13, 2004	100%
On or before	September 20, 2004	90%
On or before	October 1, 2004	75%
On or before	October 15, 2004	50%
On or before	October 29, 2004	40%
On or before	November 5, 2004	25%
After	November 5, 2004	0%
<b>Winter (3-credit course)</b>		
On or before	January 7, 2005	100%
On or before	January 14, 2005	90%
On or before	January 21, 2005	75%
On or before	February 4, 2005	50%
On or before	February 11, 2005	40%
On or before	February 18, 2005	25%
After	February 25, 2005	0%

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**Graduation**

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**Graduation Procedures**

Students must complete an Application for Graduation with the Office of the Registrar at Nipissing when they are taking their final course(s).

Forms are available from the Office of the Registrar and must be returned before the deadline specified in the Academic Year. Applications received after the deadline will be applied to the following graduation.



## Residence Requirements

To be eligible to receive a Nipissing degree, students must complete at least 18 credits at Nipissing.

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## Academic Regulations/Course Information

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### Academic Dishonesty

The University takes a very serious view of such offences against academic honesty as plagiarism, cheating, and impersonation. Penalties for dealing with such offences will be strictly enforced. The complete policy on Academic Dishonesty is in the Policies section of the Calendar.

### Auditor

An auditor is a student who is admitted to a course, and who may participate in class discussion, but who may not hand in assignments or write examinations. An auditor does not receive credit for the course.

Students who enrol as auditors must indicate this on the normal registration form.

Students not admitted to the Master of Education Program must meet the minimum entrance requirements for admission before they will be considered eligible to audit a course.

### Class Hours

- Fall/Winter Session classes are normally scheduled over a series of weekend workshops, or on weekly evening sessions;
- The number of hours of lecture per course and associated tutorials or laboratories, if any, is usually shown under the course description in the University Calendar;
- Class hours will total at least 36 hours per three-credit course.

### Course Identification

Nipissing University courses are numbered as follows:

Four letters to indicate the department or subject;  
 Four numbers to designate the course;  
 Two letters to indicate the term of the course;  
 Three numbers to indicate the section - the first number of the section depicts the program.

*Example*

<b>EDUC</b>	<b>5157</b>	<b>FA</b>	<b>200</b>
Department	Course	Term of	Section
(Education)	Number	Course (Fall)	(MEd)

### Course Loads/Overloads

Part-time students enrolled in the MEd program will normally be allowed to register in one three-credit course, plus either the research paper or thesis, in each of the Fall and Winter Sessions. Applications for overload should be directed to the Chair of Graduate Studies.

### Summer Sessions

Part-time students enrolled in the MEd program will normally be allowed to register in a total of two three-credit courses, plus either the research paper or thesis, during the Summer Session.

### Forced Withdrawal

Students may be forced to withdraw from the program if they fail to fulfil the stated requirements of the program.

The status of any student who obtains a grade of less than “B” in more than one 3-credit course will be reviewed by the Graduate Studies Committee. This review may result in the withdrawal of the student from the program.

The status of any student who obtains a failing grade in the Research Paper, Thesis or Comprehensive exam will be reviewed by the Graduate Studies Committee, which may result in the withdrawal of the student from the program.

### Final Examinations

Final examinations will be held at the discretion of the instructor.

### Comprehensive Examination

Students completing the MEd program through the course route are required to successfully complete a comprehensive exam. All course requirements must be completed prior to writing the comprehensive exam.

The comprehensive exam is scheduled for the third Saturday in January and the third Saturday in July. Candidates wishing to write the examination must forward a letter of application to the Office of the Dean of Education by November 30 for the January exam date and by April 30 for the July exam date.

Further information on the comprehensive exam can be obtained by contacting the Administrative Assistant to the Dean of Education.

Students may make only two attempts to complete the comprehensive exam.

### Review of Final Examinations

Students may arrange to view their course examination papers in the Office of the Registrar. Upon request by a student, and at a time mutually agreed upon by the instructor and student, the instructor shall review the examination paper in the presence of the student. The closing date to request reviews is one month after the release of marks.

## Special Final Examinations

Students who are unable to write final examinations or the comprehensive examination because of illness or other circumstances beyond their control, or whose performance on the examination has been impaired by such circumstances, may, on application, be granted permission to write a special final examination. Such application must:

- be made in writing to the Dean of Education no later than one week after the date of examination; and
- be fully supported in the cases of illness by a medical certificate or by appropriate documents in other cases.

The petition for such special examinations must be filed within a week of the day of the regular examination.

There will normally be a fee for a special examination.

## Grades and the Basis for Assessment

### Letter Grades and Grading Standards

“A” – (80–100%)

“B” – (70–79%)

“C” – (60–69%)

“D” – (50–59%)

“F” – (0–49%)

“A” indicates *Exceptional Performance*: comprehensive in-depth knowledge of the principles and materials treated in the course, fluency in communicating that knowledge and independence in applying material and principles.

“B” indicates *Good Performance*: thorough understanding of the breadth of materials and principles treated in the course and ability to apply and communicate that understanding effectively.

“C” indicates *Satisfactory Performance*: basic understanding of the breadth of principles and materials treated in the course and an ability to apply and communicate that understanding competently.

“D” indicates *Minimally Competent Performance*: adequate understanding of most principles and materials treated in the course, but significant weakness in some areas and in the ability to apply and communicate that understanding.

“F” indicates *Failure*: inadequate or fragmentary knowledge of the principles and materials treated in the course or failure to complete the work required in the course.

“I” indicates *Incomplete*.

“W” indicates *Withdrawal* with permission.

### Aegrotat Standing

Aegrotat standing (credit granted with incomplete course work) will be considered only in exceptional circumstances (usually only in cases of very serious illness) and if term work has been of high quality.

### Determination of Final Grades

- A student’s grade in each course will be based upon the year’s work, and the final examination if applicable;
- The final examination will not make up more than 70% or less than 30% of the final grade in each course;
- The instructor will discuss with the class the basis for assessment specifying the relative weight of each examination, test, in-class activity and written assignment;

- The instructor will also specify which assignments must be completed in order to receive a grade in the course;
- The method of determining final grades is to be discussed with students;
- The instructor must inform students of their standing prior to the date for honourable withdrawal from the course. If no written term work has been evaluated by that date, the information shall be given in the form of a written statement of the student’s standing;
- The instructor is required to return to students all written work, other than final examinations, which has been submitted for evaluation purposes. Students may discuss with their instructor the work presented, the comments made, and the grade assigned;
- Final evaluation submissions are not returned to students but are kept on file by the Office of the Registrar for six months after the publication of Grade Reports;
- For each course, a final marks sheet is completed, signed by the Instructor and submitted to the Dean for approval within five calendar days of the exam. The Dean’s signature indicates that the marks submission is consistent with existing practices and policies of the Faculty. Revisions to any previously assigned grade are submitted in writing for the approval of the Dean, together with the reasons for such revisions. Grades are not official until they have been approved by the Dean and released by the Office of the Registrar;
- The final marks issued by Nipissing University are the only ones accepted as binding.

### Incomplete Grades

In exceptional circumstances, a student may request consideration for an Incomplete grade (I). Such request must be submitted in writing, through the Instructor to the Dean of Education.

Any student assigned an Incomplete grade must complete all course requirements within one month after the end of the examination period. If after that period the course is not completed or an extension has not been granted by the Dean, a grade “F” will be recorded on the student’s academic record.

In order to be considered for an extension of the completion date beyond the normal one month period, a student must submit a written request to the Dean, through the Instructor, explaining the reasons for such an extension. Under no circumstances may a completion date exceed six months from the end of the examination period.

### Release of Final Grades

Final grades will be withheld from any student who has an outstanding account at the University or Library and such students will forfeit their right to appeal grades.

### Appeals

Please refer to the Policies section.

### Letter of Permission

A student may be permitted to take up to four three-credit courses at another university for credit. Details are available from the Administrative Assistant to the Dean of Education.

Students enrolled at another Ontario university may be admitted to Nipissing University for purposes of transfer of credit to their home university. Documentation: Completion of the Ontario Visiting Graduate Student Application form signed by their home university.

Students from outside the Province of Ontario must provide a Letter of Permission from their home university. It is the student's responsibility to send an official transcript of grade(s) to the Office of the Registrar of their home university.

## Number of Attempts to Complete a Course

Students may make only two attempts to complete a course.

## Portfolio

Candidates are required to maintain a portfolio of work completed in the Master of Education program. The contents of the portfolio may be used by the candidate, the candidate's advisor, and the supervisor in identifying a research focus and questions.

## Program Advising

Students in the Master of Education program who need advice on the MEd program should consult with the Administrative Assistant to the Dean of Education.

Once enrolled in the program, students will be assigned a Faculty Advisor.

## Senate Changes to Degree Requirements

Degree requirements that are in any way modified by Senate in one calendar year will apply to students admitted the following calendar year. Students currently enrolled may choose to graduate under either the new regulations or the previous regulations. However, they must choose one or the other set of regulations in its entirety.

## Transcripts of Records

Graduates will be given one transcript of their academic record. Other requests for official transcripts must be made through the Office of the Registrar. The fee for transcripts is published in the Fee Section of this Calendar, and is due before the request is processed. Transcripts must be requested in writing or in person; telephone requests will not be accepted.

## Degree Requirements

Candidates must satisfy all of the stated requirements for the degree.

Credit will not be granted for courses with a grade of less than "B".

Students may complete the program through one of the following routes: Thesis Route, Research Paper Route, or Course Work Route.

All students must successfully complete the following core courses:

EDUC 5116	Principles of Curriculum and Instruction	3 cr.
EDUC 5157	Survey of Research Methods	3 cr.
EDUC 5336	Educational Leadership	3 cr.

Plus **one** of the following curriculum cluster of courses:

EDUC 5236	Curricular Strategies	3 cr.
EDUC 5246	Curriculum Issues	3 cr.
EDUC 5416	Developing Curriculum for Adult Learners	3 cr.
EDUC 5256	Program Evaluation	3 cr.
EDUC 5266	Holistic Education	3 cr.

Plus **one** of the following leadership cluster of courses:

EDUC 5316	Organizational Theory	3 cr.
EDUC 5326	Organizational Management	3 cr.
EDUC 5356	Supervision of Instruction	3 cr.
EDUC 5136	Models of Teaching	3 cr.
EDUC 5346	Interpersonal Relations in Administration	3 cr.
EDUC 5146	Reflective Practice	3 cr.

Students pursuing the thesis route must successfully complete one additional three-credit MEd course and EDUC 5454 Master's Thesis. EDUC 5454 is equivalent to twelve credits.

Students pursuing the research paper route must successfully complete three additional three-credit MEd courses and EDUC 5115 Research Paper. EDUC 5115 is equivalent to six credits.

Students pursuing the course work route must successfully complete five additional three-credit MEd courses and a comprehensive exam.

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## Period of Study

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Degree requirements must be met within six years from the date of first registration.

All courses will not be available on a yearly basis. Candidates enrolled in the program should check with the Administrative Assistant to the Dean of Education to see which courses will be offered in each particular year.

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## Master of Education Courses

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**EDUC 5454 Master's Thesis**

Prerequisite: EDUC 5157

Credits: 12

An individual investigation or analysis of a special area in contemporary educational practice. The topic of the thesis must be approved by the student's faculty adviser. Upon approval of the topic outline, each student will be assigned a thesis supervisor who will also supervise and guide the student during the preparation of the thesis. Please refer to the MEd Research Handbook for further information. The MEd Research Handbook is available on the website at [www.nipissingu.ca](http://www.nipissingu.ca). Click on Academic Information followed by Faculty of Education and then Master of Education.

Candidates interested in pursuing the thesis option must obtain permission from their Faculty Advisor prior to enrolling in the thesis. Candidates must complete the Application to Complete a Thesis form and have it signed by their Faculty Advisor. Forms can be downloaded from the Nipissing University website at [www.nipissingu.ca](http://www.nipissingu.ca). Click on Academic Information followed by Faculty of Education and then Master of Education.

**EDUC 5115 Research Paper**

Prerequisite: EDUC 5157

Credits: 6

An individual investigation or analysis of a special area in contemporary educational practice. The topic of the research paper must be approved by the student's faculty adviser. Upon approval of the topic outline, each student will be assigned a research paper supervisor who will also supervise and guide the student during the preparation of the paper. Please refer to the MEd Research Handbook for further information. The MEd Research Handbook is available on the website at [www.nipissingu.ca](http://www.nipissingu.ca). Click on Academic Information followed by Faculty of Education and then Master of Education. Candidates interested in pursuing the research paper option must obtain permission from their Faculty Advisor prior to enrolling in the research paper. Candidates must complete the Application to Complete a Research Paper form and have it signed by their Faculty Advisor. Forms can be Click on Academic Information followed by Faculty of Education and then Master of Education.

**EDUC 5116 Principles of Curriculum and Instruction**

Hours: Thirty-six hours of lecture per semester.

Credits: 3

The goal of this course is to develop an awareness and understanding of the underlying principles and philosophies of current curriculum development and instructional methods.

**EDUC 5126 Theories of Learning**

Hours: Thirty-six hours of lecture per semester.

Credits: 3

The course provides an overview of behaviorist, humanist and developmental theories of learning with an emphasis on the implications for curriculum development and the improvement of instruction.

**EDUC 5136 Models of Teaching**

Hours: Thirty-six hours of lecture per semester.

Credits: 3

The purpose of this course is to investigate a range of teaching models appropriate for individualized, small group and large group instruction.

**EDUC 5146 Reflective Practice**

Hours: Thirty-six hours of lecture per semester.

Credits: 3

Reflective Practice is designed to encourage candidates to analyze their own teaching styles and to investigate useful strategies for increasing their instructional effectiveness.

**EDUC 5156 History of Education in Canada**

Hours: Thirty-six hours of lecture per semester.

Credits: 3

History of Education in Canada offers MEd candidates the opportunity to develop an understanding of educational change and continuity in Canada's past. Candidates will explore the reasons for change and continuity, gain understanding of the historical approach to knowledge construction, and develop an understanding of ways in which the past influences present educational endeavors.

**EDUC 5157 Survey of Research Methods**

Hours: Thirty-six hours of lecture per semester.

Credits: 3

The purpose of this course is to provide an overview of methods of educational research.

**EDUC 5176 Education Law in the Schools**

Hours: Thirty-six hours of lecture per semester.

Credits: 3

The purpose of this course is to examine the legal environment of elementary and secondary schools, including constitutional rights, statutory mandates, and legislative control. To study the major areas of school law, students will investigate statutes, case law, and education policies that are related to the duties and responsibilities of teachers and others involved in education. Topics of discussion will include policy development, tort liability, and the impact of law on the context of teaching.

**EDUC 5236 Curricular Strategies**

Hours: Thirty-six hours of lecture per semester.

Credits: 3

An examination of systematic strategies for the tasks involved in the development and implementation of quality curriculum.

**EDUC 5246 Curriculum Issues**

Hours: Thirty-six hours of lecture per semester.

Credits: 3

The purpose of the course is twofold: 1) to examine major historical movements in the field of curriculum and 2) to consider current procedures and trends in curriculum development, implementation and evaluation.

**EDUC 5256 Program Evaluation**

Hours: Thirty-six hours of lecture per semester.  
Credits: 3

The course involves an analysis of the components of an effective program and an examination of strategies utilized to evaluate curriculum and instruction in the schools.

**EDUC 5266 Holistic Education**

Hours: Thirty-six hours of lecture per semester  
Credits: 3

The purpose of this course is to reacquaint ourselves with the interconnectedness of body, mind, emotions, and spirit. The course will focus on theory and practice, and wherever possible the various components of the course will be examined within the context of Ontario. We will examine topics such as the holistic curriculum, nurturing our wholeness, standardization, outcomes-based education, marketization of education. The readings will focus on the works of Jack Miller and other leading scholars in holistic education.

**EDUC 5316 Organizational Theory**

Hours: Thirty-six hours of lecture per semester.  
Credits: 3

The course will introduce students to the state of theory and research in organizations as applied to the study of educational administration.

**EDUC 5326 Organizational Management**

Hours: Thirty-six hours of lecture per semester.  
Credits: 3

This course is designed as an examination of the behaviour of individuals and groups within educational organizations and the impact of these interactions on the management of the educational enterprise.

**EDUC 5336 Educational Leadership**

Hours: Thirty-six hours of lecture per semester.  
Credits: 3

This course is designed to examine and understand the concept of leadership within the organizational structure of the educational bureaucracy.

**EDUC 5346 Interpersonal Relations in Administration**

Hours: Thirty-six hours of lecture per semester.  
Credits: 3

This course is designed to develop an awareness of the principles of effective inter and intra group relations and of the various roles and functions of group leaders.

**EDUC 5356 Supervision of Instruction**

Hours: Thirty-six hours of lecture per semester.  
Credits: 3

This course is designed to develop an awareness of an understanding of the principles and processes of supervising instruction within the framework of teacher growth.

**EDUC 5416 Developing Curriculum For Adult Learning**

Hours: Thirty-six hours of lecture per semester.  
Credits: 3

This course will focus on the development of curriculum for adult learners and various factors that impinge upon the curriculum development process. Drawing upon a number of theorists, participants will be exposed to a number of current models for the development of curriculum for adult learning.

**EDUC 5426 Developmental Reading**

Hours: Thirty-six hours of lecture per semester.  
Credits: 3

This course explores significant issues in the teaching/learning of language with a focus on the developmental aspects of reading. It will elaborate on current theory and practice that facilitate literacy acquisition for learners with a range of entering competencies.

**EDUC 5436 Early Literacy**

Hours: Thirty-six hours of lecture per semester.  
Credits: 3

This course will explore emergent and early literacy, examining theoretical and practical issues related to the teaching of reading and writing at the early primary and primary levels.

**EDUC 5446 Literature-based Instruction In Language**

Hours: Thirty-six hours of lecture per semester.  
Credits: 3

This course will review a selection of children's books and examine the function of a study of children's literature in the school program. It will focus on the relationships among literature study and reading/writing development in the Primary/Junior Divisions.

**EDUC 5456 Issues in Special Education**

Hours: Thirty-six hours of lecture per semester.  
Credits: 3

Contemporary issues in the education of students with special needs; assessment and identification; service delivery models; instructional and social/emotional considerations; parent/professional relationships; research priorities; and transition to employment.

**EDUC 5466 Adults as Learners**

Hours: Thirty-six hours of lecture per semester.  
Credits: 3

The course will focus on adults as learners with attention to theories of adult development, motivation to participate, and adult learning.

**EDUC 5476 Mentoring in Reflective Practice**

Prerequisite: EDUC 5146  
Hours: Thirty-six hours of lecture per semester.  
Credits: 3

This course will provide MEd candidates with foundational knowledge, conceptual understandings and practical skills required to engage in mentoring activities with professional practitioners, who are undertaking processes involved in reflecting upon their practises.

**EDUC 5486 Independent Study**

Credits: 3

This course allows MEd candidates to pursue issues of professional relevance that are not dealt with in offered courses. The study will be designed, developed and implemented by the candidate, with the assistance of an MEd instructor.

**EDUC 5516 Seminar on Information Technology: Topics and Issues**

Hours: Thirty-six hours of lecture per semester.

Credits: 3

Examination and critical analysis of current research, issues, and topics relating to information technology with a primary focus on the impact of computer technology on society, the education system and instruction. Access to a computer is required.

**EDUC 5526 Leadership in Action Research**

Hours: Thirty-six hours of lecture per semester

Credits: 3

"Leadership in Action Research" has a two-pronged focus. First, it is designed to assist educational leaders in facilitating and mentoring action research projects conducted by their colleagues. Second, the course will assist these leaders in developing, implementing, and assessing action research projects. Students will produce action research reports suitable for submission for publication in a variety of venues.

**EDUC 5536 Issues in First Nations Education**

Hours: Thirty-six hours of lecture per semester.

Credits: 3

Issues in First Nations Education offers MEd candidates the opportunity to develop an understanding of current theories and issues in First Nations education, with particular focus on their implications for curriculum and practice.

**EDUC 5546 Assessment of Learning**

Hours: Thirty-six hours of lecture per semester.

Credits: 3

This course will examine the various means by which teachers assess student performance. The focus of the course will be on teacher-created instruments intended to examine classroom performance. Group assessment instruments will be emphasized, but some discussion of individual assessment instruments will be undertaken. Government mandated standards tests of student achievement will also be considered. An overview of standardized tests will be provided. Issues in assessment, such as test bias, fairness in testing and ethical use of tests and test results, will be discussed.

**EDUC 5616 Assessment in Special Education**

Hours: Thirty-six hours of lecture per semester.

Credits: 3

Assessment in Special Education will provide the opportunity for intensive study of the purpose, philosophy and means of assessing students with special needs. It is assumed that, as practising teachers, students will have experience and knowledge in the area of assessment. Upon this basic knowledge, the course will build students' ability to critique, evaluate and modify assessment practices. They will examine theory and research in assessment to create their own philosophy of assessment and to build their praxis.

**EDUC 5617 Readings in Special Education**

Hours: Thirty-six hours of lecture per semester.

Credits: 3

Readings in Special Education will provide students with the opportunity to read and discuss a broad selection of literature in Special Education. The intention of this course is to create a rich and deep understanding of the literature in the students' individual areas of interest, areas in which they are planning their thesis or major paper research. The students' reading will not be restricted to the literature relevant to their theses or major papers, but rather will draw broadly from the general topic areas.

**EDUC 5626 Foundations of Special Education**

Hours: Thirty-six hours of lecture per semester.

Credits: 3

Foundations of Special Education will provide an overview of the history, philosophy, and social context of special education. It is intended to provide the underpinning for ideas and concepts to be explored in advanced study in Special Education.

**EDUC 5627 Practicum in Special Education**

Prerequisite: EDUC 5616

Hours: Thirty-six hours of lecture per semester.

Credits: 3

This course is intended to provide students with the opportunity to read and review the literature on a topic of interest in special education, and then to design, implement, and evaluate an application of the theory to educational practice. Students will develop a proposal for their Practicum based on their reading of the literature. Once their proposal is approved, students will implement their applications under the guidance of the professor. Regular reporting to and debriefing with the professor during the implementation phase is required. At the conclusion of the Practicum, students will write and submit a summary report in which they evaluate the success of their application. In addition to the time spent reading and reviewing the literature, reporting to and debriefing with the professor, students in the course are expected to spend 50 contact hours in the implementation of their application.

**EDUC 5636 Mental Health Issues in School Populations**

Hours: Thirty-six hours of lecture per semester.

Credits: 3

This course is intended for persons preparing to be educational leaders. The intention of the course is to create awareness in educational leaders of the nature of mental health issues common in school age populations. Course participants will examine means by which students experiencing mental health issues, or who come from families experiencing mental health issues, may be identified and served. Measures that can be taken by administrators to support teachers working with students experiencing mental health issues are a major focus of the course. Another major focus of the course will be the actions administrators may take to create support for students experiencing mental health issues, effective ways of working with their parents, and with other agencies to better serve these students. Common concerns of teachers and administrators, such as the management of students' medications in the school setting, will be addressed.

**EDUC 5637 Integrated Approaches to Language Curriculum**

Hours: Thirty-six hours of lecture per semester.

Credits: 3

This course will provide candidates with opportunities to examine theories and principles underlying the integrated approach to the teaching, learning and assessment of language and literacy (oral, written, and media literacy). Critical perspectives on current and past developments related to language, teaching and the integrative process in specific contexts will also be addressed.

**EDUC 5646 Creativity and Learning**

Hours: Thirty-six hours of lecture per semester.

Credits: 3

This course will assist candidates who are interested in understanding the nature of creativity. Topically, it will focus on the creative person, creative thinking, creativity and culture, tests of creativity, and creativity in education. During the course, candidates will be encouraged to monitor any personal patterns of creative growth.

**EDUC 5647 The Gifted Learner**

Hours: Thirty-six hours of lecture per semester.

Credits: 3

This course offers MEd candidates the opportunity to critically analyze issues related to gifted education. Such issues include: 1) identification and screening procedures, 2) the development of creativity and task commitment, 3) the impact of home and school, and 4) the characteristics of gifted learners. Differences and similarities between gifted and talented learners will also be examined.

**EDUC 5656 Models and Methods for Program Development with Gifted Learners**

Hours: Thirty-six hours of lecture per semester.

Credits: 3

The course will analyze and integrate major contemporary models of curriculum and program development for gifted and talented learners. Theory, research and assessment measures will be explored and implications for educational application will be considered.

**EDUC5166 Critical Pedagogy and Approaches to Democratic Education**

Hours: Thirty-six hours of lecture per semester

Credits: 3

The purpose of this course is to discuss both the erosion of democracy in our education system and possibilities for its revitalization. The course will focus on theory and practice, and wherever possible the various components of the course will be examined within the context of Ontario. We will examine issues such as standardization, outcomes-based education, marketization of education, and the struggle for equity, diversity, and social justice in schools. The readings will focus on democratic and critical pedagogical theorists such as Dewey, Freire, Apple, McLaren, Giroux and others as well as leading Canadian Scholars.





# Nipissing University Student Policies

## Policy on Academic Dishonesty

The University takes a most serious view of such offences against academic honesty as plagiarism, cheating, and impersonation. Penalties for dealing with such offences will be strictly enforced.

### Plagiarism

Essentially, plagiarism involves submitting or presenting work in a course as if it were the student's own work done expressly for that particular course when, in fact, it is not. Most commonly plagiarism exists when:

- a) the work submitted or presented was done, in whole or in part, by an individual other than the one submitting or presenting the work.
- b) parts of the work (e.g. phrases, ideas through paraphrase or sentences) are taken from another source without reference to the original author.
- c) the whole work (e.g. an essay) is copied from another source and/or
- d) a student submits or presents a work in one course which has also been submitted or presented in another course (although it may be completely original with that student) without the knowledge or prior agreement of the instructors involved.
- e) plagiarism should be noted and reported to the Dean.
- f) students should be informed of the University's definition and policy on plagiarism at the beginning of each course.

### Cheating

Cheating at tests or examinations includes, but is not limited to, dishonest or attempted dishonest conduct such as speaking to other candidates or communicating with them under any circumstances whatsoever; bringing into the examination room any textbook, notebook, or memoranda not authorized by the examiner, or leaving answer papers exposed to view.

### Penalties

A student guilty of academic dishonesty may be subject to the imposition of one or more penalties, of which those listed below shall be exemplary:

- a) assignment of a grade of zero in the assignment, test, or exam;
- b) assignment of a grade of zero in the course in which the offence is committed;
- c) suspension from attendance in all courses in which the student is registered at the time the offence was committed, and loss of credit for any course or courses which have not been completed or in which no grade or final evaluation has been registered at the time the offence was committed;
- d) suspension from the Faculty;

- e) expulsion from the Faculty;
- f) suspension from the University;
- g) expulsion from the University.

Withdrawal from a course will not preclude proceedings in respect of academic offences committed in the course, and the right to withdraw may be refused where an academic offence is alleged.

### Instructor's Action

The initial responsibility for punitive action lies with the Instructor. The Instructor may assign a grade of zero for that particular assignment, test or exam, or may assign a grade of zero in the course.

The Instructor will advise the Department Chair, the Dean, and the Registrar of the action taken.

### Suspension or Expulsion by Dean

The Dean of the Faculty may exercise his or her authority to suspend or expel the student from the Faculty.

The suspension or expulsion will be confirmed in writing to the student by registered mail and the Department Chair and the Registrar will be notified.

### Suspension or Expulsion by President

If, upon suspending or expelling a student from a Faculty, the Dean determines that the severe sanction of suspension or expulsion from the University is warranted, such a recommendation may be made to the President who may act to expel or suspend the student from the University.

### Appeals

1. A student who is assigned a grade of zero in an assignment, test, or examination may appeal the grade to the Senate Appeals Committee.
2. A student who is suspended or expelled from the University may appeal that decision to the Senate Committee on Student Academic Standing Appeals and Petitions Committee.
3. The final appeal in all cases shall be the appropriate Senate Committee.

### Transcript Notation

1. The symbols AD (Academic Dishonesty) will be entered on the student's Academic Transcript.
2. The notation "suspended (or expelled) from the Faculty (or University) for academic dishonesty" will be entered on the student's Academic Transcript and Grade Report upon receipt of such a notice by the Registrar from the Dean.

3. The symbols RW (Required to Withdraw) will be entered in the grade column on the student's Academic Transcript or Grade Report in the courses in which he or she was registered for that session except for the courses in which a "0" was given as a penalty or which have already been completed and a grade assigned.
4. The record of a student will be cleared of the notation "suspended (or expelled) for academic dishonesty" upon re-admission to and successful completion of a degree program. The zero grades given because of cheating will remain but the symbol AD will be changed to F. The symbol RW will remain as such.

## Re-admission

1. A student who has been placed under suspension from a Faculty is conditionally eligible to reapply for admission or registration in the same Faculty at either the end of a specified time or thereafter.
2. A student under suspension from a Faculty may not apply or be considered for re-admission to the University in another Faculty until at least after the next regular Fall/Winter Session has passed.
3. A student who is expelled from a Faculty is dismissed permanently from the Faculty with no right to reapply for admission.
4. A student who is expelled from the University is dismissed permanently from the University with no right to reapply for admission.

**Note:** Suspension does not imply automatic re-admission. An interview and subsequent positive recommendation from the Dean must satisfy eligibility for re-admission.

## Student Records Policy

The following policy on Student Records was approved at the February 12, 1993 meeting of the Academic Senate.

By applying for admission to Nipissing University and by registering in programs or courses at the University, students accept the University's right to collect pertinent personal information. The information is needed to assess students' qualifications for entry, to establish a record of their performance in programs and courses, to provide the basis for awards and governmental funding and to assist the University in the academic and financial administration of its affairs. Students also agree that all documentation which they submit to the University in support of an application for admission, residence accommodation, financial award or any appeal or petition becomes the property of the University.

The University is committed to taking every reasonable step to protect the confidentiality of the information contained in the records of students. Unless compelled to do so by law, or authorized by the student in writing, the University will not disclose the contents of student records to any party outside the University.

A record of students' achievements at the University is preserved permanently, but all other documentation contained in students' files will be destroyed when no longer required.

## Information Contained in Student Records

A student's record consists of the following components:

- a) personal information (name, address, telephone number, date of birth, citizenship, Social Insurance Number, gender, etc.) Each student is required to provide either on application for admission or on personal data forms required for registration, his or her complete legal name. Any requests to change a name, by means of alteration, deletion, substitution or addition, must be accompanied by appropriate supporting documentation. Upon making application for graduation, a student may be asked to provide proof of his or her name;
- b) basis of admission (application, record of previous studies, letters of recommendation, test results, etc.);
- c) enrolment information (programs of study, dates of attendance, courses followed);
- d) performance information (examination results, narrative evaluations, distinctions, sanctions, degrees obtained);
- e) results of petitions and appeals filed by the student;
- f) medical information relevant to a student's academic performance, and provided at the request, or with the consent, of the student.

## Storage and Conservation of Records

The University stores student records in physical (paper) and in electronic (machine-readable) form.

- a) Physical records are stored in the Office of the Registrar. Each student's file will normally contain:
    - (i) all letters and admission forms which bear the signature of the student;
    - (ii) official supporting documentations provided by, or at the request of, the student (e.g. record of previous studies, letters of recommendation, medical certificates);
    - (iii) other factual\* documentation considered pertinent to the student's studies.
  - b) Electronic records contain all the information required to monitor the progress and performance of students, produce periodic performance reports, and provide attestations of achievement and official transcripts. They also form the basis of management information needed for the operation of the University and for enrolment reports and statistical information required by government agencies.
- \* Unsubstantiated allegations or accusations are not incorporated in students' records. Computer-generated performance reports can be readily reproduced and are, therefore, not necessarily preserved as part of the physical records.

## Record Retention

- a) Physical records will normally be destroyed three years after graduation or last attendance at the University.
- b) Documentation submitted by applicants who are not accepted, or by applicants who fail to enrol following acceptance, is normally destroyed at the end of each admission cycle.

- c) All portions of a student's electronic record which are needed to produce official transcripts are maintained permanently.

## Access to Records and Disclosure of Information

### a) Public Access

It is University policy to not make any information freely available to inquirers. This includes the student's name, current registration status, field of studies, and degrees awarded by the University.

**Note:** Student name and student ID number should not appear together on class lists, seminar lists, grade reports, etc., when they may be seen by the public.

### b) Student Access

- (i) Students have the right to inspect all documents contained in their own record, with the exception of evaluations and letters of reference supplied to the University with the understanding that they be kept confidential.
- (ii) Students have the right to request that erroneous information contained in their records be corrected, and that recipients of any information found to be in error be advised of the correction.
- (iii) Students wishing to inspect their records must make an appointment with an authorized official of the Office of the Registrar.
- (iv) Upon written request of the Office of the Registrar, students whose fee account shows no outstanding balance may obtain an official transcript of their record of studies at the University or have copies sent to a third party.
- (v) All official transcripts will be complete and unabridged. Partial transcripts cannot be issued.
- (vi) Documents pertaining to a student's achievement at another institution, which may have been received by the University, will not normally be released or redirected.
- (vii) Final and official grades may only be released by the Office of the Registrar. Students may request their grades only after they are released by the Office of the Registrar.

### c) Employee Access

Employees of the University are permitted access to information contained in student records, **if they need** to know the information in order to perform their official duties. As a general rule, only employees involved in some aspect of academic administration or student affairs are given access to the contents of student records.

### d) Student Organizations

The Nipissing University Students' Union (NUSU), as well as constituent organizations authorized by them, may obtain listings of students for purposes of communicating with their membership. Listings will be provided by the Office of the Registrar upon written request signed by an authorized officer of NUSU with the understanding that the information will not be disclosed to third parties and will not be used for solicitations or commercial purposes.\*

### e) Legally Mandated Access

Specified records or portions thereof may be provided to persons or agencies pursuant to a court order, summons, or subpoena, directing the University to release information; to the Ministry of Education and Training in connection with enrolment audits; or in accordance with the requirements of duly constituted professional licensing and certification bodies.

### f) Emergency Disclosure

In emergency situations involving the health or safety of an individual, or in compassionate situations such as death or injury of a relative or friend of a student, the Registrar may, if it is considered to be in the best interest of the student, authorize the release of information.

- \* Charges may be made to cover the costs for production of mailing labels. Student information requested to be listed as confidential will not be released.

# Guidelines for the Operation of the Senate Admissions, Petitions, and Promotions Committee

## Terms of Reference

1. The Committee shall review and formulate policies, for recommendation to Senate, with respect to the admission of all students to the University.
2. a) The Committee shall review and formulate policies, for recommendation to Senate, with respect to the transferability of credits from other educational institutions;
- b) The Committee shall advise the University Registrar on the implementation of Senate policy in cases where there is some ambiguity with respect to policy;
- c) The Committee shall decide on the admissibility of candidates lacking admission requirements who, in the opinion of the Registrar, deserve special consideration.
3. The Committee shall consider requests for exceptions to University academic regulations.
4. The Committee shall recommend candidates to Senate for the conferring of degrees, diplomas and certificates and the awarding of prizes.

The decisions of the Committee referred to in (2 c) and (3) above shall not be subject to appeal.

## Committee Composition

The Registrar (ex-officio)  
 The Assistant Registrar, Admissions (ex-officio)  
 The Associate Dean of Arts and Science (ex-officio)  
 The Associate Dean of Education (ex-officio)  
 One Faculty Senator from Education

One Faculty Senator from Arts and Science  
 One Student Senator from Education  
 One Student Senator from Arts and Science  
 One of the Associate Deans shall be Chair

## Guidelines for the Operation of the Student Academic Standing, Appeals and Petitions Committee

### Terms of Reference

- a) The Committee shall consider student appeals with respect to decisions of the Deans in the matters of grades, examinations, term assignments and tests, course requirements specified by the instructor, and the general conduct of a course;
- b) The Committee shall consider student appeals with respect to academic dishonesty;
- c) The Committee shall, from time to time, review these guidelines and make any necessary recommendations for changes to Senate.

### Definitions:

- (i) An appeal to the Dean is a request that a grade on a particular piece of work or final standing in a course or program be changed on grounds related to the accuracy or fairness of the mark assigned. These grounds must be provided by the individual making the appeal.
- (ii) A petition to the Dean is a request that a grade be adjusted, or a course requirement specified by the instructor be waived, on compassionate grounds or because of extenuating circumstances.
- (iii) An appeal to the Committee is a request that a decision of the Dean regarding an appeal or petition to the Dean be changed or a request that a decision with regard to academic dishonesty be changed.

### Appeals Procedures Concerning Academic Dishonesty

Appeals of decisions concerning academic dishonesty shall be submitted directly to the Chair of the Committee.

### Appeals and Petitions Procedures for Matters other than Academic Dishonesty

- a) Any student who feels there are grounds for an appeal or petition should immediately try to discuss the matter with the instructor. If the student is not satisfied with this informal session, the student must, as soon as possible, and not later than 30 days after official notification of the final grade, discuss the matter with the Dean.

- b) In the event that the Dean is not able to mediate a resolution, a formal appeal or petition must be submitted in writing to the Dean specifying:
  - (i) the grade, decision, conduct, or course requirement being appealed or petitioned for change;
  - (ii) the relevant dates on which the grade was assigned, the decision taken, or conduct occurred;
  - (iii) full details of the grounds on which the appeal or petition is made, including copies of all relevant documents;
  - (iv) the precise redress requested.
- c) The Dean will consider the appeal or petition and will render a written decision within 30 calendar days of receipt of the formal request. The written decision will address the grounds on which the request was made and indicate which grounds were accepted or rejected and why. Copies of the written decision will be provided to all parties concerned. In the event that the precise redress requested by the Appellant is not granted by the Dean, the Dean must inform the Appellant of his/her right to appeal the Dean's decision to the Student Academic Standing Appeals and Petitions Committee.
- d) If the Appellant wishes to appeal the Dean's decision to the Student Academic Standing Appeals and Petitions Committee such appeal must be launched within 14 calendar days from the date the Dean's decision was rendered. Such an appeal must be submitted in writing to the Dean's office for transmission to the Chair of the Committee and must clearly specify those points of the Dean's decision which are being appealed. It should be noted that this is not the place to introduce new issues not previously raised in the appeal or petition to the Dean, and the Committee will not consider these new issues.

### Notice

- a) Once an appeal of the Dean's decision has been lodged, the Appellant is entitled to have reasonable notice of Committee meetings to hear evidence. The Appellant is expected to meet all reasonable deadlines with regard to the submission of material;
- b) The Dean shall forward to the Committee Chair the appeal or petition and supporting documentation that formed the basis for the Dean's decision. The Committee Chair shall normally call a meeting within 10 calendar days of receipt of the aforementioned material;
- c) The student and the Dean are entitled to at least five calendar days notice of the scheduled meeting(s) of the Committee.

### Committee Composition

The Committee shall consist of:

The Registrar (*ex-officio*) or designate;

Two Student Senators (*ex-officio*) or alternates selected by the Chair as and when necessary;

Four Faculty Senators, two selected from each faculty or alternates selected by the Chair as and when necessary.

The Committee, in each case, shall be chaired by a faculty member who is not in the Appellant's Faculty.

**Note:**

1. Faculty Senators will be elected for four-year terms with one new faculty member from each Faculty elected every two years.
2. Each faculty member will serve as Vice-Chair for the first two years and as Chair for the remaining two years.

**Quorum**

Quorum shall consist of four members of the Committee; the Chair, one student and any two others all of whom must be eligible to vote on the appeal under consideration (e.g. not disqualified under the conflict of interest clause below).

**Conflict of Interest**

- a) Prior to consideration of an appeal, the Committee shall determine if any member has a conflict of interest in the matter being appealed;
- b) A member of the Committee shall be deemed to have a conflict of interest if the member has had any direct responsibility in the matter being appealed, or the member has been associated with the Appellant such that there would be an actual or perceived obstacle to objectivity in determining on the matter being appealed;
- c) The Appellant may specifically identify by name any Committee member whom the Appellant believes to have a conflict of interest and shall so state the reasons for such belief;
- d) Where a difference of opinion arises on the question of any member's conflict of interest, the matter shall be decided by a simple majority vote of the Committee, excepting the member under consideration;
- e) Where a member declares, or it is determined, that a conflict of interest exists, said member shall be disqualified from taking part in the deliberations and that member's place on the Committee shall be taken by a duly recognized alternate as outlined in the Committee composition clause above.

**Committee Procedures**

- a) Any member or alternate who is not present at the time the initial meeting for a specific appeal has been called to order, or absent for any portion of a meeting, shall not take part in further deliberations on the matter;
- b) The Appellant and Dean shall have the right to be present at all meetings of the Committee where evidence is considered;
- c) The Appellant and Dean are entitled to a full and fair opportunity to correct or contradict any statement prejudicial to their position;
- d) The Appellant, the Dean, and the Committee each has the right to invite someone to assist in the appeal process in a supportive, advisory, and/or advocacy capacity. Such persons may be present at all meetings of the Committee;
- e) The Committee has the authority to send the matter to external assessors.

**Decisions of the Committee**

- a) Decisions on appeals shall be reached on the basis of a simple majority vote of those members present and eligible to vote on the particular appeal. The Chair will vote only in the event of a tie;
- b) The Chair shall send to the Appellant and the Dean, the written decision of the Committee within five calendar days;
- c) The decision shall provide written reasons which set out fully and clearly the grounds for the decision;
- d) The decision shall be signed by the Chair and all Committee members who participated in the decision;
- e) The decision of the Committee is final;
- f) All minutes, notes, and other documents, including a copy of the Committee decision, shall be kept on file in the President's office for six months and then destroyed.

**Policy on English Writing Competency**

Nipissing's policy on English Writing Competency has recently been significantly revised, and is provided below for information.

**General Outline of the Policy**

Nipissing University is committed to the belief that all university graduates should possess the ability to express their thoughts effectively in writing.

*Writing competency is not merely aptitude with grammar and syntax; rather, writing competency involves the demonstration of persuasive reasoning, clarity, coherence, and problem solving skills.*

In order to identify students with writing problems, all students admitted to degree programs in the Faculty of Arts and Science are required to take a diagnostic English Writing Competency Test (WCT). A score of "1" on the WCT indicates an acceptable level of writing competency, while a "2" or a "3" indicates a lesser or greater degree of writing difficulty.

Under the terms of this revised policy, a WCT score of "1" is no longer required in order to graduate. Instead, students achieving a "2" on the WCT are required to successfully complete (with a minimum grade of 50%) a specified 3-credit developmental writing course during their chosen program of study. (ESL students may be required to successfully complete a second 3-credit writing course as well.)

Students achieving a "3" are required to do the same, but, because they have exhibited more serious writing problems, they are in addition strongly encouraged to complete a special non-credit writing skills course prior to undertaking any required credit writing course. Those wishing to be exempted from the credit course requirement may do so by retaking the WCT at a subsequent sitting and achieving a score of "1".

Notwithstanding the changes outlined above, a score of "1" on the WCT continues to be required for all students seeking admission to Nipissing's Orientation to Teaching streams.

The general policy outlined above applies to all students:

- a) who are admitted, re-admitted or approved for transfer to Bachelor of Arts, Bachelor of Arts (Liberal), Bachelor of Science, Bachelor of Science (Liberal) or Bachelor of Business Administration programs at Nipissing University; **and**
- b) who register, or who have previously registered, in at least one Nipissing University course during or after the 1995 Spring/Summer Session.

Former but non-current students, i.e. those whose most recent Nipissing course was taken prior to the 1995 Spring/Summer Session, remain under the terms of the previous writing competency policy and must be re-admitted to Nipissing University in order for the new writing competency rules to apply. Furthermore, once such students are re-admitted, they must meet all degree requirements in effect at the time of re-admission.

There is **no** writing competency requirement for Nipissing's Bachelor of Education programs. However, there is a writing competency requirement for the Diploma in Education program.

The English Writing Competency Test consists of a short essay (approximately 500 words) on one of three topics provided at each test sitting. Two hours are permitted for this test to allow for individual writing styles, organizing and writing the essay. The use of a dictionary (but not a thesaurus) is permitted. No special preparation or studying is necessary before taking the test.

In order to achieve a score of "1", a WCT essay must exhibit good overall organization. This should include a main idea which is developed through orderly, well-structured paragraphs and effectively-phrased sentences. Correct spelling and punctuation, sound grammar and appropriate vocabulary are also taken into consideration in grading the essay.

Detailed regulations regarding restrictions or conditions which may be imposed upon a student's program of study as a result of this policy are provided in sections below.

## Writing Competency for English as a Second Language (ESL) and Special Needs Students

All students at Nipissing University, regardless of mother tongue or special needs, must take the diagnostic English Writing Competency Test. Moreover, in order to establish a "baseline writing level" for each student, all tests are graded according to the same "first language" standards.

Students who initially achieve a "2" or a "3" on the WCT and who are deemed by the Academic Skills Program to be ESL students (e.g. Francophone students, some First Nations students and certain visa or landed immigrant students) are required to successfully complete (with a minimum grade of 50%) a specified 3-credit ESL course during their regular program of study, and may be required to complete a second 3-credit writing course as well.

Students with documented disabilities which affect their ability to write competently, may, on the recommendation of the Special Needs Program, be granted suitable accommodations when taking the diagnostic WCT. Such accommodations must be requested in advance and supported with appropriate documentation.

Likewise, students with disabilities who subsequently attain a "2" or a "3" on the WCT and as a result are required to complete at least one 3-credit writing course may request and be granted further accommodations, either when undertaking the required course itself or when retaking the WCT.

## Writing Competency Test Dates

Open sittings of the Writing Competency Test are normally offered on three occasions each year – in September (two or more sittings near the beginning of the fall term), in January (one sitting near the beginning of the winter term) and in March (one sitting near the end of the winter term). For specific test dates in any given year, consult the Academic Year.

In addition, the WCT may be offered on one or more occasions during the spring or summer for mature student applicants or other specifically identified individuals. However, these sittings are **by invitation only**, and are not normally open to students who have written the test before or who have been admitted to a previous session at Nipissing University.

## Interpretation of Writing Competency Test Results

The Writing Competency Test grades may be summarized and interpreted as follows:

A score of "1" signifies at least a minimally acceptable level of demonstrated writing competency;

A score of "2" indicates a specific writing problem (or problems) which can normally be overcome through the successful completion of an appropriate credit writing course and through additional practice and care; and

A score of "3" indicates significant writing problems deemed to require a structured program of remedial writing skills in addition to the successful completion of an appropriate credit writing course.

## Writing Competency Regulations

### (Applicable to all Bachelor of Arts, Bachelor of Business Administration and Bachelor of Science Programs)

1. a) All students admitted to full-time or part-time studies in the Faculty of Arts and Science must either take the diagnostic Writing Competency Test prior to admission (in the case of full-time mature student applicants), or write the test at the earliest opportunity after initial admission (normally in September).
- b) Full-time or part-time students who fail to take the test prior to completing their first 24 credits (four full courses or equivalent) may be required to suspend future credit course enrollment until they write the test.
2. a) All full-time or part-time students whose initial score on the diagnostic Writing Competency Test is "2" are required to successfully complete (with a minimum grade of 50%) a specified 3-credit writing course as part of their chosen program of study. It is strongly recommended that this course be taken during the first 30 credits completed.

- b) Students whose initial score on the diagnostic Writing Competency Test is “3” are likewise required to successfully complete (with a minimum grade of 50%) a specified 3-credit writing course as part of their chosen program of study. However, because the successful completion of such a course may be considerably more difficult for those with a “3”, these students are strongly encouraged to take ENGL 0100E-Supplementary Writing Skills (a non-credit course designed to upgrade writing skills to a basic university entrance level) prior to undertaking the required 3-credit writing course.
- c) Notwithstanding 2.(a) or 2.(b), students deemed by the Academic Skills Program to be ESL students may be required to successfully complete (with a minimum grade of 50%) a second 3-credit writing course.
3. a) The current list of 3-credit writing courses from which at least one required course may be specified under 2 includes:
- |           |                                    |
|-----------|------------------------------------|
| ENGL 1501 | Language and Written Communication |
| ENGL 1551 | English as a Second Language I     |
| ENGL 1552 | English as a Second Language II    |
- b) Students wishing to be exempted from the requirement to complete a 3-credit writing course may only do so by retaking the Writing Competency Test and achieving a score of “1”.
4. a) Students who have previously taken the Writing Competency Test may retake it as early as the next open sitting.
- b) There is no limit to the number of times students may retake the test.
5. a) Notwithstanding the regulations outlined above, students must achieve a score of “1” on the Writing Competency Test in order to be considered for admission to any of Nipissing’s Orientation to Teaching Streams.

## Writing Competency Regulations

### (Applicable to the Diploma in Education Program)

All students admitted to the Diploma in Education Program must achieve a score of “1” or “2” on the Writing Competency Test within the first 12 credits.

## Writing Competency Test Grading

Writing Competency Test papers are marked by a grading committee according to a predetermined grading scheme. All WCT papers are anonymous, i.e. students’ names do not appear on their test papers.

Each individual paper is independently marked by two members of the grading committee. In the event that these scores differ, the two markers reach a consensus on the final score or the paper is graded by a third marker.

In grading the WCT papers, errors and weaknesses in writing are clearly identified and annotated by the markers so that they may be easily interpreted.

After all test papers from a particular sitting are marked, the WCT scores are posted by student number outside the Dean’s

Office. All students subsequently required to complete a credit writing course are so notified in writing.

## Writing Competency Test Reviews, Petitions and Appeals

### a) Review of Writing Competency Test Papers

Students who achieve a score of “2” or “3” on the WCT are encouraged to review their own test papers for the purpose of obtaining feedback as to the nature of the writing problems which they have exhibited.

All students wishing such a review may do so at the Student Affairs Office (A201) within one month of the posting of the WCT grades.

Students who have reviewed their WCT papers and who wish additional assistance in interpreting their test results and/or advice regarding their best course of action may further arrange to go over their papers with the Academic Skills Program Coordinator.

### b) Petition for a Special Offering of the Writing Competency Test

Normally, students who miss a scheduled open (e.g. September, January or March) sitting of the Writing Competency Test due to illness, personal crisis or other such circumstances can simply retake the test the next time it is offered.

Likewise, students who take the test but who feel that their performance is impaired by illness or other circumstances which occur immediately prior to or during the test period, may retake the test at the next open sitting.

Notwithstanding the above, students who feel they would be unnecessarily disadvantaged by waiting until a later scheduled sitting may petition for a special offering of the Writing Competency Test. Such petitions must:

- (i) be made in writing to the Dean of Arts and Science, not later than one week after the date of the Writing Competency Test sitting in question; and
- (ii) clearly state the reasons for requesting a special offering, and, in the case of illness or personal crisis, include supporting medical or other documentation, as appropriate.

All petitions for a special offering of the Writing Competency Test will be considered by the Writing Competency Committee, and the decision of the Committee in each case shall be final. If the petition is approved, a special offering of the test will be scheduled at the earliest mutually acceptable opportunity.

### c) Appeal of a Writing Competency Test Score

As the Writing Competency Test is primarily a diagnostic indicator of the level of one’s writing skills, there is no appeal mechanism for WCT scores.

Rather, students achieving a WCT score of “2” or “3” may either successfully complete the specified credit writing course(s) during their regular program of study or retake the WCT and attain a score of “1”.

## Policy on Course Waiting Lists in Arts and Science

Course or lab section enrolment limits are essentially of two types.

The first type is simply the capacity of the lecture room or laboratory in which the class is scheduled to meet, and can only be increased by relocating to a larger room (which may or may not be possible).

The second type of limit is one which is proposed by an individual course instructor or by an entire discipline, and approved by the Dean for pedagogical reasons. Raising this type of limit (assuming that the room capacity would allow this) requires the agreement of the instructor or the discipline responsible for initially establishing the limit. In particular, an individual course instructor may not override a discipline-established limit without the approval of the discipline, except that such instructors may, at their sole discretion, authorize an enrolment increase of: (i) up to 2 students for limits of 25 or less; (ii) up to 3 students for limits of 26 to 50; and (iii) up to 4 students for limits greater than 50.

The waiting list policy outlined below has been adopted to ensure that, when enrolment limits are increased for any reason, students will be added to courses or lab sections in a fair and equitable manner.

1. Students who attempt to register (or advance register) in any Arts and Science course or lab section, and who discover that the course or lab in question is listed as full, may if they so desire place themselves on a waiting list. All waiting list entries are automatically date-stamped, i.e. students are placed on the list on a first-come, first-served basis.
2. When a waiting list leads to the creation of an additional course or lab section, students shall be contacted by the Registrar's or Dean's Office and offered a place in the new section in the order in which they appear on the list.
3. When the Registrar's Office circulates class lists to course or lab instructors at the beginning of each term, the number of students on the waiting list(s), if any, shall also be provided. At their discretion, and subject to both the capacity of the assigned classroom and, where applicable, the discipline-established limit outlined above, instructors may at this point inform the Registrar's Office of the number of students on the waiting list which they are prepared to add to a particular course or lab section. The Registrar's Office will then contact students on the list, in the appropriate order, to offer them places. Instructors are not obligated to accept additional students at this time.
4. When no additional course or lab section is created but places become available in an existing section (through other student withdrawals, relocation of the class to a larger room, etc.):
  - no student shall be offered a vacant position who is not on the waiting list;
  - vacant positions shall normally be offered to students in the order in which they appear on the list; this shall be done by the Registrar's Office;
  - students not at the top of the waiting list shall only be offered a vacant position ahead of students above them on the list after successfully petitioning the Dean in writing,

giving reasons why they should be given special consideration;

- instructors may not grant permission to particular students on a waiting list to register; they are encouraged to inform the Registrar's Office when spaces appear to be available or when they are prepared to take additional students; they should also inform students wishing to get into a full course or lab section that they must first get on the waiting list if they are not already on it, and that they may only "jump over" students above them on the list through a successful petition to the Dean;
- instructors are discouraged from allowing students on the waiting list to attend classes in the hope that they may be permitted to register later.

## Policy on Individualized Study Courses in Arts and Science

1. In order to be eligible to take any individualized study course, an Arts and Science student normally must be entering (or already registered in) the third or fourth year of a four-year program, and must also have satisfied the language competency requirement. In addition, the desired course(s) must be in the student's declared major(s). In the case of a course which is only an elective, a minimum overall average of 70% is required as well.
2. Any student who meets the above criteria and wishes to take an individualized study course during the following Spring/Summer or Fall/Winter Session must apply in writing to the discipline concerned no later than February 15. This application shall include a brief outline of the proposed topic or project, the proposed faculty supervisor and the signature of one faculty member in the discipline (normally the intended supervisor) who has been consulted and who supports the request.
3. In the case of individualized study courses which are program requirements, any student who will be entering the final year of the degree program (and who will therefore need the course in order to graduate) shall be permitted to take the course, provided he/she has submitted an appropriate application as outlined above. However, it must be clearly understood that, until final approval is granted (usually after a meeting of the discipline held for this purpose), there is no implied guarantee that the proposed topic/project, the designated faculty supervisor or the chosen session will be accepted.
4. Individualized study courses which are electives (and therefore not required) are a privilege rather than a right. The approval of applications for such courses shall consequently be subject to the availability (and willingness) of faculty supervisors, as well as to budgetary considerations.
5. In making decisions concerning applications for individualized study courses in any discipline, required courses shall be given clear priority over those which are merely electives. In particular, elective individualized study requests shall be approved only after all requests for required courses have been accommodated.
6. Each applicant for an individualized study course shall be informed in writing of the outcome of his/her application by March 1. When the course in question is a degree



requirement, the application shall either be approved as submitted or approved with specified alterations (which may include changes in topic, supervisor and/or session). In the case of elective individualized studies, applications may be approved as submitted, approved with specified alterations or rejected (on the basis of content, availability of supervisors or budgetary considerations).

7. Only after students have received written approval to take an individualized study course will they be permitted to advance register and/or register for the course.

## Policy on Notification of Disclosure of Personal Information to Statistics Canada

Statistics Canada is the national statistical agency. As such, Statistics Canada carries out hundreds of surveys each year on a wide range of matters, including education.

It is essential to be able to follow students across time and institutions to understand, for example, the factors affecting enrolment demand at post-secondary institutions. The increased emphasis on accountability for public investment means that it is also important to understand 'outcomes'. In order to carry out such studies, Statistics Canada asks all colleges and universities to provide data on students and graduates. Institutions collect and provide to Statistics Canada student identification information (student's name, student ID number, Social Insurance Number), student contact information (address and telephone number), student demographic characteristics, enrolment information, previous education, and labour force activity.

The Federal Statistics Act provides the legal authority for Statistics Canada to obtain access to personal information held by educational institutions. The information may be used only for statistical purposes, and the confidentiality provisions of the Statistics Act prevent the information from being released in any way that would identify a student.

Students who do not wish to have their information used are able to ask Statistics Canada to remove their identification and contact information from the national database.

Further information on the use of this information can be obtained from Statistics Canada's web site: <http://www.statcan.ca> or by writing to the Postsecondary Section, Centre for Education Statistics, 17th Floor, R.H. Coats Building, Tunney's Pasture, Ottawa, Ontario, K1A 0T6.

## Policy and Procedures for Exchange Students

### Policy:

1. Exchanges are normally open to students in second or third year of their program. They will seldom be considered for students in their graduating year.
2. Exchanges are open to students whose overall average is at least 75% and who have met the writing competency requirement.
3. Applications for student exchanges will be reviewed by an Ad Hoc committee consisting of the following:

The Associate Registrar, Admissions; the Manager of Financial Aid or designate; a designate from the Office of the Dean of Arts and Science; a faculty member(s) from the student's major discipline(s) as designated by the Dean of Arts and Science; the person designated by the President as responsible for Nipissing's exchange programs; and a student designated by the Student Union.

### Procedures:

The committee will screen applicants to determine their suitability for an exchange. This will include, but not be limited to, the following: academic average; program compatibility; language skills; and scholarships.

Those applicants who qualify will be interviewed by the committee and during the interview the committee will discuss with the applicant "the handbook for international exchanges". Those accepted by the committee for an exchange will be required to sign an exchange "consent and liability form".

The committee will be responsible for reviewing "the handbook for international exchanges" for appropriate revisions as necessary. The committee will also review the "consent and liability form" and make changes to it as required.

Policy changes related to student participation in International Exchanges will be considered by the committee and presented to the appropriate Senate Committee for approval.

A current list of exchange agreements, applications and all necessary forms related to exchanges may be obtained in the Office of the Registrar.

## Nipissing University has also adopted detailed policies on:

- Code of Student Rights and Responsibilities
- Personal Harassment and Discrimination
- Services to Special Needs Persons

Copies of these policies are available from Student Affairs.

# Administration and Faculty

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## Governing Officers

### Board of Governors

(as of March 8, 2004)

**Chancellor** – David B. Liddle, BA, MA

**Chair** – Mickey Wallace, BA, MEd

**Vice-Chair** – Steven Carmichael, (H)BMath, MBA, CA

**President** – Dennis R. Mock, BA, MA, PhD

### Members Appointed by the Board

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Kelly deMos, BA(Hons), BEd

Tony Limina, BA

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Paul Moffat, MEd

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Vicky Paine-Mantha, BComm, MBA, CA

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### Mayoral Designate

Peter Chirico

### Members Appointed by the Senate

Wayne Borody, BA, MA, PhD

Keith Topps, BA, MSc, PhD

Jim Mroczkowski, BFA, MFA, BEd, MEd

Ron Weeks, BSc, MEd, EdD

### Members Appointed by the Students

Wilson Abreu

Steven Hayne

### Member Appointed by the Alumni Association

Chad Cardinal, BA

### Members Appointed by the

#### Non-teaching Employees

Kyle D. Charron, BSc

Helen Tait, BA

### Member Appointed by the Aboriginal Council on Education

Glenda Moore Trepanier, BA

## Administrative Officers

### Office of the President

President, Dennis R. Mock, BA, MA, PhD

Secretary to the University/Board of Governors, T.B.A.

Assistant to the President/Assistant Secretary of Senate,  
Susan Robineau, BA

Executive Secretary to the President, Wendy McCoy

### Office of the Vice-President, Academic and Research

Vice-President Academic and Research,

Robert Hawkins, BA (Hons.), MA, LLB, LLM, DEA

Director of the Office of Instructional Development and  
Technology Mediated Learning,

Jack Jones, BA, BEd, MS(Ed)

Manager of Research Services, T.B.A.

Administrative Assistant to the Vice-President of Academic  
and Research, T.B.A.

### Office of the Vice-President of Administration and Finance

Vice-President of Administration and Finance,

Murray Green, BA, CA, CMA

Director of Technology Services, William W. Ross, BA

Director of Human Resources,

Connie Vander Wall, BBA, MSM, CHRP, SPHR

Director of Finance, Jamie Graham, BSc, MBA, CA

Director of Residence and Conference Services,

Rita Lingner, BA, BEd, CMP

Manager of Course Technology and Theatre Design,

Michael A. Sandula, AVT, BA, BEd, MEd

Manager of Network and Hardware Support,

Greg Seamen, EET

Manager of Technology Services Helpdesk,

Terry Kirkby, EET, BA

Residence Manager, Carolyn Brethauer, BA

Residence Manager, David Hamilton, BSc, MA

Residence Manager, Kristine Shewchuk, BA, BEd

Manager of Application Development and Support,

Frank Ciancio, EET, BSc

Manager of Conference Services, Michelle Walker, BBMD

Assistant to the Vice-President of Administration and Finance,  
Peggy Cook, BA

Manager of Faculty and Administrative Support Services,

Heather Hersemeyer, BBA, MBA

Manager of Purchasing & Ancillary Services,

Dan St. Georges, BBA

Manager of Payroll Services, Jo-Ann Lathem

Human Resources/Payroll Advisor, Susan Mantha

Human Resources Advisor, Gabrielle Servais, BBA

Executive Secretary, Vice-President Administration and Finance, Sherry Boland

Executive Secretary, Vice-President Administration and Finance, Rosemary Salm

### **Office of the Dean of Arts and Science**

Dean of Arts and Science, Andrew Dean, BA, MMath, PhD

Associate Dean of Arts and Science, T.B.A.

Director of the Centre for Continuing Business Education/Community Relations Manager for the School of Business and Economics, Michael Gauthier, BA (Hons.), PFP

Director of the School of Nursing, T.B.A

Manager of Academic Services (Arts and Science), Angela Fera, BA, BEd

Academic Advisor, Crystal Pigeau, BA

Academic Advisor, Darlene Luoma, BA

Academic Advisor, Derek Serafini, BA

### **Office of the Dean of Education**

Dean of Education, Ron Common, BA, BEd, MEd, PhD

Associate Dean of Education, Ron Wideman, BA, MEd, EdD

Director of Nipissing/Wilfrid Laurier BA/BEd Program, Sandra Reid, BA, BEd, EdD

Practice Teaching Placement Officer, Mary Lecour, BAA, BEd

Administrative Assistant/Practice Teaching Placement Officer, Ursula Boyer, BBA

Manager of In-Service Education, Cindy Forth, HBComm

Administrator of Special Education, Michael Parr, BSc, BEd, MEd

### **Office of the Registrar**

Registrar, Denis Lawrence, BMath, BEd, MEd

Associate Registrar - Admissions/Liaison, Andrea Robinson, BA, BEd

Associate Registrar - Systems, Denis Perron, Dip BAdmin, BA

Assistant Registrar - Admissions, Rebecca Roome-Rancourt, BA

Assistant Registrar - Liaison, Heather Brown, BA (Hons.), BEd

Assistant Registrar - Scheduling and Records, Melinda Kent, BA, BEd, MEd

Acting Assistant Registrar, Christine Jenkins, BSc

### **Office of Student Affairs**

Executive Director of Student Affairs, Allan Carfagnini, BA, BEd, MEd

Manager of Counselling and Disability Services, Daniel Pletzer, BSW, MSW, RSW

Manager of Financial Aid, Ken McLellan, BComm, CMA

Student Counsellor, Angela Cupido, BA, BSW, RSW

Student Counsellor, David Rider, BA, BSW, RSW

Learning Strategist, Michael Walker, BA, BEd

Learning Strategist, Bonnie Houston, BA

Aboriginal Services and Programs Administrator, Laurie McLaren, BA, BEd

Placement Officer, Terry Roome, BA, BEd

Manager of Sports and Recreation, Vito Castiglione, BA

International Services and Programs Administrator, Karen Strang, BA

### **Office of University Advancement**

Executive Director, University Advancement, Ken Crocker, BA, MBA

Manager of Integrated Marketing Communications, Lisa Drinkwalter, BFA (Hons.)

Records & Research Officer, T.B.D.

Development Officer - Special Projects, Christine Green, BA (Hons.), CCMC

Annual Giving Officer, Gil Pharand, BComm

Alumni Relations Officer, Laurie Purtell, BA

Editor/Copywriter, Bob Pipe, BA (Hons.)

Web Communications Officer, B.J. Szabicit

### **Office of Library Services**

Executive Director of Library Services, Brian Nettlefold, BA, ALA, MInfSc, FLAI

Associate Director of Library Services, Barbara Lee, BSc, MLIS

Librarian (Public Service), Charlotte Innerd, BA, MA, MLIS

Manager, Library Technical Services, Donna Bourne-Tyson, BA, MA, MLIS

Manager, Reference and Information Services, Laura Sinclair, BSc, BEd, MLIS

### **Centre for Continuing Business Education**

Director of the Centre for Continuing Business Education, Michael Gauthier, BA (Hons.), PFP

Program Administrator, Sara Tonks, BSc, MBA

### **Muskoka Campus**

Campus Administrator, Jan Lucy, BA

# Faculty of Arts and Science

## Administration

**Dean:** Dr. Andrew Dean  
BA, McGill University  
MMath, University of Waterloo  
PhD, Queen's University  
andrewd@nipissingu.ca

**Associate Dean:** TBA

**Manager of Academic Services:** Angela Fera  
BA, Algoma University College  
BEd, Nipissing University  
angelaf@nipissingu.ca

**Academic Advisor:** Darlene Luoma  
BA, Nipissing University  
darlenel@nipissingu.ca

**Academic Advisor:** Crystal Pigeau  
BA, Nipissing University  
crystalp@nipissingu.ca

**Academic Advisor:** Derek Serafini  
BA, Laurentian University  
dereks@nipissingu.ca

## Department Chairs

**Department of Biology:**  
Dr. Peter Nosko: petern@nipissingu.ca

**Department of Computer Science and Mathematics:**  
Dr. Ted Chase: tedc@nipissingu.ca

**Department of English Studies:**  
Dr. Grant Williams: grantw@nipissingu.ca

**Department of Geography and Geology:**  
Dr. Eric Mattson (Fall term): ericm@nipissingu.ca  
Dr. David Rowbotham (Winter term):  
davidr@nipissingu.ca

**Department of History:**  
Dr. Francoise Noel: frann@nipissingu.ca

**Department of Humanities and Cultural Studies:**  
Dr. Margaret Denike: margd@nipissingu.ca

**Department of Psychology:**  
Dr. Matti Saari: mattis@nipissingu.ca

**Department of Sociology, Criminal Justice and Social Welfare:**  
Dr. Alan Sparkes: alans@nipissingu.ca

**School of Nursing:**  
TBA

**School of Business and Economics:**  
Dr. Chris Sarlo: chriss@nipissingu.ca

## Professors Emeritus

Rees, David BSc, MA, Carleton University  
PhD, University of Ottawa  
Professor Emeritus of Geography and Geology

Zytaruk, George BEd, BA, MA, University of Alberta  
PhD, University of Washington  
DLitt, Laurentian University  
Professor Emeritus of English Studies

## Full-time Faculty

Baffoe, John BSc, University of Ghana  
MSc, MA, University of Guelph  
PhD, University of Manitoba  
Assistant Professor of Economics

Barker, Jane BA, McMaster University  
MA, PhD, Queen's University  
Assistant Professor of Criminal Justice

Bergquist, Robert BA, MBA, University of Toronto  
CMA  
Assistant Professor of Business Administration  
On Administrative Leave 2004-2005

Borody, Wayne BA, University of Guelph  
MA, PhD, McMaster University  
Associate Professor of Philosophy  
On Sabbatical 2004-2005

Boterbloem, Cornelis BA, MA, University of Amsterdam, The Netherlands  
PhD, McGill University  
Associate Professor of History  
*Research Achievement Award 2003*  
*Chancellor's Award for Excellence in Teaching 2000*

Brophey, Glenn BEng, MBA, University of Western Ontario  
Assistant Professor of Business Administration

Brown, Gregory BA, MA, University of Guelph  
PhD, University of Waterloo  
Assistant Professor of Criminal Justice and Sociology

Brozowski, Kari BA, University of Western Ontario  
MA, PhD, University of Toronto  
Assistant Professor of Sociology

Brozowski, Roman BA, MA, University of Windsor  
PhD, University of Western Ontario  
Associate Professor of Geography

Chase, Ted BSc, MMath, University of Waterloo  
PhD, University of Alberta  
Associate Professor of Mathematics and Physics

Chow, Peter	BSc, University of Toronto MA, Lakehead University PhD, University of Toronto Professor of Psychology <i>Research Achievement Award 2001</i>	Janzen, Lorraine	BA, Brock University MA, PhD, McMaster University Professor of English Studies <i>Chancellor's Award for Excellence in Research 2001</i> <i>Research Achievement Award 2001</i>
Clendinning, Anne	BA, University of Victoria MA, University of Windsor PhD, McMaster University Assistant Professor of History	Jones, Tim	BBA, BEd, Nipissing University MBA, University of Ottawa PhD, Queen's University Assistant Professor of Business Administration
Cook, Peter	BA, University of Toronto MA, University of Ottawa Assistant Professor of History	Jowett, Donna	BA, MA, Carleton University PhD, York University Assistant Professor of Philosophy <i>Chancellor's Award for Excellence in Teaching 1999</i>
Dean, Andrew	BA, McGill University MMath, University of Waterloo PhD, Queen's University Professor of Mathematics	Karashev, Alexandre	MSc, Moscow State University PhD, University of Saskatchewan Assistant Professor of Mathematics
Denike, Margaret	BA, Simon Fraser University MA, University of British Columbia PhD, York University Assistant Professor of Gender Equality and Social Justice	Kelly, Paul	BA, Bolton College of Art and Design, England MA, Wayne State University, Michigan PhD, University of Oregon Associate Professor of Fine Art On Sabbatical 2004-2005
Dokis, Terry	BA, University of Guelph BEd, Nipissing University MA, Institute of Transpersonal Studies, Palo Alto, California Lecturer in Native Studies	Knox, John	BA, University of Waterloo MSc, University of Oregon PhD, University of Bradford Assistant Professor of Business Administration
Flynn, Deborah	BA, St. Francis Xavier University MA, PhD, Carleton University Associate Professor of Psychology	Kovacs, John	BSc, Queen's University MA, University of Windsor PhD, University of Western Ontario Assistant Professor of Geography
Ford, Dianne	BA, MBA, University of Saskatchewan Lecturer in Business Administration	Kruk, Laurie	BA, York University MA, McMaster University PhD, University of Western Ontario Assistant Professor of English Studies
Geden, Dennis	Diploma in Studio Art, Sir George Williams' School of Arts D. Litt, Nipissing University Assistant Professor of Fine Art	Kulkarni, Siddhivinayak	BEng, University of Pune, India MIT, PhD, Griffith University, Australia Assistant Professor of Computer Science
Graff, Ann-Barbara	BA, MA, PhD, University of Toronto Assistant Professor of English Studies	Kundrats, Uldis	BA, York University MA, PhD, University of Waterloo Assistant Professor of Sociology
Hackett, David	BSc, University of Guelph MSc, Laurentian University PhD, University of Alberta Assistant Professor of Environmental Science	Lawlor, Stan	BA, Memorial University MA, University of Alberta Associate Professor of Sociology
Hall, David	BA, MA, PhD, University of Western Ontario Assistant Professor of Sociology	LeClair, James	BA, MA, University of Windsor PhD, University of Victoria Assistant Professor of Geography
Hemsworth, David	BA, York University BA, MA, Wilfrid Laurier University PhD, University of Toronto Assistant Professor of Business Administration		
High, Steven	BA, University of Ottawa MA, Lakehead University PhD, University of Ottawa Assistant Professor of History		

Lorenzkowski, Barbara	BA, Ruhr-University of Bochum, Germany Diploma in Journalism, University of Dortmund, Germany MA, PhD, University of Ottawa Assistant Professor of History	Phillips, Gyllian	BA, University of British Columbia MA, PhD, University of Western Ontario Assistant Professor of English Studies
Mattson, L. Eric	BES, MA, PhD, University of Waterloo Assistant Professor of Geography and Geology <i>Chancellor's Award for Excellence in Teaching 1996</i> <i>On Sabbatical January-June 2005</i>	Pyle, Gregory	BSc, MSc, Laurentian University PhD, University of Saskatchewan Assistant Professor of Biology
McFarlane, Cameron	BA, MA, McMaster University PhD, University of Western Ontario Assistant Professor of English Studies	Pyper, Rhonda	BBA, Nipissing University MBA, Laurentian University Assistant Professor of Business Administration
Muhlberger, Steven	BA, Michigan State University MA, PhD, University of Toronto Associate Professor of History <i>Chancellor's Award for Excellence in Research 2003</i>	Renshaw, Sal	BA, PhD, University of New South Wales, Australia Assistant Professor of Gender Equality and Social Justice and Religions and Cultures
Murphy, Dana	BA, MA, Southern Methodist University, Texas PhD, University of Southern California Assistant Professor of Psychology	Riome, Barrie	BA, MBA, University of British Columbia Assistant Professor of Business Administration
Noël, Françoise	BA, University of Alberta MA, PhD, McGill University Associate Professor of History <i>Chancellor's Award for Excellence in Research 2002</i>	Robinson, Laura M.	BA, Acadia University MA, University of Manitoba PhD, Queen's University Assistant Professor of English Studies
Nosko, Peter	BSc, Wilfrid Laurier University MSc, Laurentian University PhD, University of Alberta Associate Professor of Biology and Environmental Science	Rowbotham, David	BA, York University MA, PhD, University of Waterloo Assistant Professor of Geography
O'Hagan, Sean	BA, University of Western Ontario MA, McMaster University PhD, University of Western Ontario Assistant Professor of Geography	Ryan, Jo-Anne	BCom, Laurentian University CA Assistant Professor of Business Administration
Olsen, Gerald	BA, MA, University of Windsor PhD, University of Western Ontario Associate Professor of History <i>Chancellor's Award for Excellence in Teaching 2003</i>	Saari, Matti	BA, Laurentian University MA, PhD, Carleton University Professor of Psychology <i>Chancellor's Award for Excellence in Teaching 2001</i> <i>Research Achievement Award 2002</i>
Page, Aroha	BA, University of Western Australia BScN, Curtin University of Technology MA, University of New Zealand PhD, University of California at San Francisco Assistant Professor of Nursing	Sarlo, Christopher	BA, York University MA, PhD, Queen's University Associate Professor of Economics
Parkes, Tony	BSc, PhD, University of Guelph Assistant Professor of Biology	Schreyer, Boguslaw	BSc, MSc, PhD, University of Warsaw Associate Professor of Computer Science and Mathematics
Patriquin, Larry	BA, St. Francis Xavier University MA, Carleton University PhD, York University Assistant Professor of Social Welfare On Sabbatical 2004-2005	Sparkes, Alan	BA, Memorial University MA, PhD, University of Missouri Assistant Professor of Sociology
		Stange, Ken	BSc, Loyola University of Chicago Lecturer in Psychology
		Tabachnick, David	BA, Lakehead University MA, PhD, Carleton University Assistant Professor of Political Science

Topps, Keith	BA, MSc, Queen's University PhD, University of Kansas Associate Professor of Geography	Currie, Krista	BSc, MSc, Laurentian University Laboratory Instructor in Biology
Tuncali, Murat	BSc, Bogazici University, Turkey MSc, PhD, University of Saskatchewan Professor of Mathematics <i>Chancellor's Award for Excellence in Research 2000</i> <i>Research Achievement Award 2001</i>	Grattan-Miscio, Karen	BA, Nipissing University MA, PhD, University of Waterloo Assistant Professor of Psychology
Valov, Vesko	MSc, PhD, Sofia University, Bulgaria Assistant Professor of Mathematics <i>Research Achievement Award 2003</i>	Hevenor, Stephanie	BA, University of Waterloo PhD, McMaster University Laboratory Instructor in Psychology
Waldock, Tom	BA, MA, PhD, University of Toronto Assistant Professor of Studies in Culture and the Arts	Ingwersen, William	BA, Nipissing University MA, Central Michigan University Instructor in English Studies
Walton, Diana	BA, MA, Queen's University Docteur ès Lettres, Université de Genève, Switzerland Associate Professor of Classical Studies On Leave January - June 2005	Jackson, Mary	BA, BEd, Nipissing University Laboratory Instructor in Geography
Weeks, Andrew	BA, Nipissing University MA, PhD, University of Toronto Assistant Professor of Psychology	Kariuki, Stephen	BEd, MSc, University of Nairobi PhD, Ohio University Assistant Professor of Chemistry
Williams, Grant	BA, MA, McMaster University PhD, University of Western Ontario Assistant Professor of English Studies <i>Research Achievement Award 2002</i>	Kooistra, John	BA, Brock University MA, PhD, McMaster University Assistant Professor of English Studies
Young, Wendy	BA, MSW, PhD, Wilfrid Laurier University Assistant Professor of Social Welfare	Lee, Katja	BA, Simon Fraser MA, University of British Columbia Seminar Leader in English Studies
Zhu, Haibin	BS, Information Engineering Institute, Zhengzhou, China MS, PhD, National University of Defense Technology, Changsha China Assistant Professor of Computer Science	Morton, Julia	BA, University of Waterloo Lecturer in Mathematics
		Pentney, Beth Ann	BA, Laurentian University MA, Wilfrid Laurier University Seminar Leader in English Studies
		Quirt, Mike	BA, University of Waterloo MA, PhD, University of Windsor Assistant Professor of Psychology
		Richards, Linda	BA, BEd, Nipissing University Diploma in Early Childhood Education, Canadore College Laboratory Instructor in Geography
<b>Sessional Faculty</b>			
Alkins, Melanie	BSc, Nipissing University Laboratory Instructor in Biology	Roycroft, Michelle	BFA, MA, Concordia University Lecturer in Art History
Bajewsky, Ingrid	BES, MA, University of Waterloo BEd, Nipissing University Lecturer in Geography	Ostaszewski, Marcia	BMus, University of Alberta Assistant Professor of Music
Brewes, Michael	Diploma in Resource Engineering Technology, Toronto Instructor in Computer Science	Stange, Ursula	BA, BEd, Nipissing University MA, Laurentian University Lecturer in Classical Studies and Philosophy
Cook, Catherine	BA, Nipissing University MA, Concordia University Instructor in English Studies	Yule, Dawn	BScN, University of Ottawa Laboratory Instructor in Chemistry
Cowcill, Kevan	BSc, Wilfrid Laurier Laboratory Instructor in Biology		

# Faculty of Education

## Administration

<b>Dean:</b>	Dr. Ron Common BA, CEEd, BEd, MEd, University of Manitoba PhD, University of Ottawa Professor of Education
<b>Associate Dean:</b>	Dr. Ron Wideman BA, University of Toronto MEd, EdD, University of Toronto (OISE) Associate Professor of Education
<b>Practice Teaching Placement Officer:</b>	Mary Lecour, BAA, Ryerson Polytechnical Institute BEd, Nipissing University
<b>Administrative Assistant/Practice Teaching Placement Officer:</b>	Ursula Boyer, BBA, Nipissing University

## Full-time Academic Faculty

Barnett, Jennifer	BA, University of Windsor BSW (Hons), Lakehead University BEd, Nipissing University MEd, University of Western Ontario Assistant Professor of Education (Curriculum Methods and Classroom Management)
Berry, Dean	BA, McGill University BEd, MEd, University of Manitoba PhD, University of Ottawa Assistant Professor of Education (Curriculum Studies - Language and Literacy)
Blair, Wynne	BA, BEd, Nipissing University MEd, EdD, University of Toronto Assistant Professor of Education (Curriculum Studies - Music)
Bowness, Roslyn	BA (Hons), University of Western Ontario BEd York University MEd, University of Toronto (OISE) Assistant Professor of Education (Curriculum Methods)
Brackenreed, Darlene	BA, Dalhousie University BEd, MEd, Brandon University Assistant Professor of Education (Foundations in Education - Educational Psychology/Special Education)

Campbell, Terry	BA, MA, University of Toronto BEd, Nipissing University Assistant Professor of Education (Curriculum Studies -Language and Literacy)
Cantalini-Williams, Maria	BSc, Dip. CS, MEd, EdD, University of Toronto Assistant Professor of Education (Foundations in Education: Education and Schooling) Nipissing/Laurier Concurrent BA/BEd Program
Clausen, Kurt	BA, MA, Concordia University PhD, University of Ottawa Graduate Diploma in Education, McGill University Assistant Professor of Education (Curriculum Development and Evaluation) Chair: Graduate Studies
Duncan, Elizabeth	BA (Hons), BEd, Queen's University Lecturer of Education Curriculum Studies - Art
Franks, Douglas	BSc, University of Victoria BEd, University of P.E.I. MEd, PhD, University of Alberta Associate Professor of Education (Curriculum Studies - Mathematics)
Frost, Lorraine	BA, BEd, MEd, University of Manitoba PhD, University of Toronto Associate Professor of Education (Foundations in Education - Educational Psychology/Special Education)
Harvey, Cher	BA, University of Western Ontario BEd, Laurentian University (Nipissing) MA, Central Michigan University PhD, Michigan State University Associate Professor of Education (French as a Second Language)
Horton, Todd	BA, University of Toronto BEd, MA, University of New Brunswick PhD, University of British Columbia Assistant Professor of Education (Curriculum Studies - Social Studies and History)
Joong, Peter	BSc, University of Montreal DipEd, University of West Indies MEd, University of Toronto (OISE) MSc, McMaster University EdD, University of Toronto (OISE) Assistant Professor of Education (Curriculum Methods)



Kariuki, Mumbi	BA, MEd, Kenyatta University Nairobi MA, PhD, Ohio University Assistant Professor of Education (Curriculum Studies - Computer Education)	Olmsted, Barbara	BA, BPHE, BEd, Queen's University MA, University of Western Ontario Assistant Professor of Education (Curriculum Studies - Health & Physical Education)
Langford, Helen	BA, Laurentian University MEd, University of Western Ontario PhD, McGill University Assistant Professor of Education (Curriculum Methods)	Parr, Michelann	BA, BEd, MEd, Nipissing University Assistant Professor of Education (Curriculum Studies - Language and Literacy)
Laronde, Gerald	BSc (Agr), University of Guelph BEd, MEd, Nipissing University Assistant Professor of Education (Curriculum Studies - Science) Chair: Intermediate/Senior Division	Price, Jason	BA (Hons), Trent University BEd, Nipissing University MEd, Framingham State College MA, University of Toronto Assistant Professor of Education (Foundations in Education - Education and Schooling)
LeSage, Ann	BSc, Nipissing University BEd, University of Western Ontario MEd, Nipissing University Assistant Professor of Education (Curriculum Studies - Mathematics)	Reid, Sandra	BA, University of Western Ontario MEd, Brock University EdD, University of Toronto Associate Professor of Education Director Nipissing/Laurier Concurrent BA/BEd Program
Long, John	BA, University of Waterloo MEd, EdD, University of Toronto (OISE) Assistant Professor of Education (Foundations in Education - Education and Schooling; Aboriginal Education)	Ricci, Carlo	BA, York University BEd, University of Western Ontario MAT, PhD, University of Toronto (OISE) Assistant Professor of Education (Curriculum Development & Evaluation)
McCabe, Michael	BSc, University of Guelph BEd, MEd, University of New Brunswick Assistant Professor of Education (Curriculum Studies - Health and Physical Education and Mathematics )	Richardson, Carole	Bachelor of Music in Performance - Acadia University MEd, University of Toronto Assistant Professor of Education (Curriculum Studies - Music)
McEwen, Gary	BA, United College (University of Manitoba) CEd, MEd, MA, University of Manitoba Assistant Professor of Education (Curriculum Studies - Social Studies)	Richardson, Warnie	BA, Acadia University BEd, MEd, EdD, University of Toronto Assistant Professor of Education (Foundations in Education - Educational Psychology/Special Education)
McIntosh, Janet	BA, McMaster University BEd, EdD, University of Toronto (OISE) MEd, York University Assistant Professor of Education (Curriculum Studies - Language and Literacy/English)	Ridler, Olive	BEd, Queen's University BPHE, University of Toronto MEd, University of Toronto (OISE) Assistant Professor of Education (Curriculum Methods)
Mroczkowski, James	BEd, BFA, MEd, University of Windsor MFA, York University Associate Professor of Education (Curriculum Studies - Art) Chair: Primary/Junior Division	Rintoul, Heather	BA, York University MA, University of Toronto MEd, PhD, University of Toronto (OISE) Assistant Professor of Education (Graduate Studies)
Noel, Kathryn	DCS, BA, Concordia University DipEd, QTC, MEd, Bishops University PhD, University of Toronto Assistant Professor of Education (Curriculum Studies - Language Arts Nipissing/Laurier Concurrent BA/BEd Program)	Ryan, Thomas	BPHE, BEd, Lakehead University MEd, University of Saskatchewan EdD, University of Toronto (OISE) Assistant Professor of Education (Classroom Management)

Scott, Jeff	BPHE, Laurentian University BEd, MEd, Nipissing University Assistant Professor of Education (Curriculum Studies - Science)
Shields, Carmen	BA, BEd, MEd, Acadia University EdD, University of Toronto Assistant Professor of Education (Graduate Studies)
Swanson, George	BA, University of Waterloo MEd, University of Alberta Principal Aboriginal Programs
Vail, Heli	BA, Waterloo Lutheran University BEd, Nipissing University MEd, University of Toronto (OISE) Assistant Professor of Education (Curriculum Methods) Chair: Junior/Intermediate Division
Van Nuland, Shirley	BA, University of Western Ontario MEd, Windsor University PhD, University of Toronto Assistant Professor of Education (Foundations in Education - Education and Schooling)
Waller, Ken	BPHE, MA, Laurentian University BEd, University of Western Ontario Assistant Professor of Education (Curriculum Methods - Computers in Education)
Weeks, Ronald	BSc, University of Western Ontario MEd, EdD, University of Toronto Associate Professor of Education (Curriculum Studies - Science)



# Index



**A**

Aboriginal Counselling	70
Aboriginal Programs, Education	250
Aboriginal Services	10
Aboriginal Teacher Certification Program	254
Academic Advising, Concurrent BA/BEEd	212
Academic Advising, Education	199
Academic Advising, Master of Education	264
Academic Changes and Withdrawals	56
Academic Dishonesty, Aboriginal Programs	256
Academic Dishonesty, Arts and Science	57
Academic Dishonesty, Concurrent BA/BEEd	212
Academic Dishonesty, Education	199
Academic Dishonesty, Extension Education	227
Academic Dishonesty, Master of Education	262
Academic Dishonesty, Policy	270
Academic Regulations/ Course Information, Education	227
Academic Regulations/Information, Aboriginal Programs	256
Academic Regulations/Information, Arts and Science	57
Academic Regulations/Information, Concurrent BA/BEEd	212
Academic Regulations/Information, Education	199
Academic Regulations/Information, Master of Education	262
Academic Regulations/Information, Wilfrid Laurier University Courses	212
Academic Services (Advising)	10
Academic Skills Program	10
Academic Standing	66
Academic Year	3
Academic Year, Extension Education	221
Administration and Faculty	279
Administration and Faculty, Arts and Science	281
Administration and Faculty, Education	285
Administrative Officers	279
Administrative Studies	70
Admission Requirements, Bachelor of Education Degree	198
Admission and Registration Procedures, Professional Development for Teachers	232
Admission and Registration Procedures, Advanced Bachelors Degree in Education	229
Admission and Registration Procedures, Advanced Bachelors Degree in Educational Leadership	230
Admission and Registration Procedures, Diploma in Education	231
Admission Procedures and Regulations, Arts and Science	47
Admission Requirements for the Bachelor of Education, Concurrent BA/BEEd	212
Admission Requirements, Advanced Bachelors Degree in Education	228
Admission Requirements, Advanced Bachelors Degree in Educational Leadership Program	229
Admission Requirements, Arts and Science	48

Admission Requirements, Bachelor of Education in Extension	230
Admission Requirements, Diploma in Education	231
Admission Requirements, Master of Education	259
Admission Requirements, Professional Development for Teachers	232
Admission to Non-Degree Studies	53
Admissions Chart, Arts and Science	50
Advanced Bachelors Degree in Education Degree Program	228
Advanced Bachelors Degree in Educational Leadership Program	229
Advisory Committee on Teacher Education	220
Alumni Association	10
Anthropology	71
Applicant Responsibility	48
Astronomy	72
Attendance	57
Attendance, Concurrent BA/BEEd	213
Attendance, Education	199, 227
Auditor	57
Auditor, Master of Education	262
Auditors	53
Awards	25

**B**

Bachelor of Arts (3-Year Liberal)	64
Bachelor of Arts (Honours)	63
Bachelor of Business Administration	64
Bachelor of Education Degree	197
Bachelor of Education in Extension Degree Program	230
Bachelor of Science (3-Year General)	65
Bachelor of Science (3-Year Liberal)	65
Bachelor of Science (Honours)	64
Biology	72
Bursaries	25
Business Administration	78

**C**

Campus Shop	10
Certificate of Bilingualism	58
Charges and Fees, Arts and Science	16
Charges and Fees, Extension Education	224
Charges and Fees, Master of Education	259
Chemistry	89
Child and Family Studies	90
Class Hours, Arts and Science	58
Class Hours, Education	227
Class Hours, Master of Education	262
Classical Studies	91
Coat of Arms and Motto	9
Computer Science	94
Concurrent Bachelor of Arts/Bachelor of Education	211
Convocation Ceremony	15
Correspondence Courses	58

Counselling Services .....	11	French .....	125
Course Descriptions (Intermediate/Senior), Education ..	208	French Language Proficiency Test (Dates) .....	201
Course Descriptions (Junior/Intermediate), Education ..	205	French Language Proficiency Test, Education .....	201
Course Descriptions (Primary/Junior), Education .....	202	<b>G</b>	
Course Identification, Arts and Science .....	58	Gender Equality and Social Justice .....	128
Course Identification, Concurrent BA/BEEd .....	213	General Science .....	133
Course Identification, Education .....	200	Geography .....	134
Course Identification, Extension Education .....	227	Geography of Regional Planning and International Development .....	141
Course Identification, Master of Education .....	262	Geology .....	143
Course Loads/Overloads, Arts and Science .....	58	Glossary of Terms .....	68
Course Loads/Overloads, Master of Education .....	262	Governance, Nipissing University .....	8
Courses and Programs, Arts and Science .....	69	Governing Officers .....	279
Criminal Justice .....	100	Grades and the Basis for Assessment, Arts and Science ..	59
Cultural Activities .....	13	Graduation .....	15
Culture and the Arts (Studies in) .....	103	Graduation, Bachelor of Education in Extension and Diploma in Education .....	231
<b>D</b>		Graduation, Master of Education .....	261
Degree Requirements, Advanced Bachelors Degree in Educational Leadership .....	230	Guidelines for the Operation of the Senate Admissions, Petitions, and Promotions Committee .....	272
Degree Requirements, Arts and Science .....	63	Guidelines for the Operation of the Student Academic Standing, Appeals and Petitions Committee .....	273
Degree Requirements, Bachelor of Education in Extension .....	231	<b>H</b>	
Degrees and Majors at a Glance .....	2	Health Services .....	11
Diploma in Education Program .....	231	History .....	144
Diploma Requirements, Education .....	231	History of Nipissing University .....	8
Directory for Inquiries .....	1	How to Apply, Arts and Science .....	47
Disability Services .....	11	How to Apply, Concurrent BA/BEEd .....	212
Distinction at Graduation .....	15	How to Apply, Education .....	197
<b>E</b>		How to Apply, Extension Education .....	227
Economics .....	105	How to Apply, Master of Education .....	258
English Studies .....	107	How to Apply, OTT for ECE Graduates .....	56
Environmental Biology and Technology .....	117	<b>I</b>	
Environmental Geography .....	118	Individualized Study Courses (Policy) .....	277
Environmental Science .....	119	Individualized Study Courses, Arts and Science .....	60
Environmental Science and Physical Geography .....	121	International Applicants .....	49
Extension (In-Service) Education .....	224	International Exchange Programs .....	11
<b>F</b>		Introducing Nipissing University .....	8
Faculty of Arts and Science .....	45	<b>L</b>	
Faculty of Arts and Science, Administration and Faculty .....	281	Law and Justice .....	153
Faculty of Education .....	195	Letter of Permission Applicants, Arts and Science .....	53
Faculty of Education, Administration and Faculty .....	285	Letter of Permission, Arts and Science .....	61
Fees, Aboriginal Programs .....	258	Liberal Arts .....	154
Film .....	122	Liberal Science .....	154
Final Examinations, Aboriginal Teacher Certification Program .....	256	Library .....	12
Final Examinations, Arts and Science .....	59	Limitations on Courses, Arts and Science .....	61
Final Examinations, Education .....	200	Logo .....	9
Final Examinations, Extension Education .....	227	<b>M</b>	
Final Examinations, Master of Education .....	262	Majors and Minors (definition) .....	61
Final Standing, Education .....	201	Marketing Courses .....	86
Financial Aid, Scholarships and Awards .....	25	Master of Education Courses .....	265
Fine Arts .....	123		

Master of Education Program	258	Program for Students Concentrating in the Primary and Junior Divisions, Concurrent BA/BEEd	215
Mathematics	155	Program for Students Concentrating in the Junior and Intermediate Divisions	204
Mature Student Applicants	53	Program for Students Concentrating in the Primary and Junior Divisions	202
Mentor Program	12	Programs and Courses	69
Mission Statement	9	Proof of Proficiency in English	48
Music	161	Psychology	174
Muskoka Campus	12		
<b>N</b>			
Native Classroom Assistant Diploma Program, Aboriginal Programs	250	<b>R</b>	
Native Special Education Assistant Diploma Program, Aboriginal Programs	252	Registration Procedures and Regulations, Arts and Science	56
Native Studies	163	Registration Procedures and Regulations, Concurrent BA/BEEd	212
Nipissing University Student Policies	270	Registration Procedures and Regulations, Education	199
Nursing	165	Registration Procedures and Regulations, Master of Education	259
<b>O</b>			
Off-Campus Courses	62	Religions and Cultures	182
Off-Campus Housing	12	Replacement of Graduation Diplomas	15
Office of the Registrar	12	Residence	13
Ontario Certificate of Qualification, Bachelor of Education	197	Residency Requirements	15, 62
Ontario Certificate of Qualification, Concurrent BA/BEEd	212	Russian	183
Ontario Student Assistance Program (OSAP)	25	<b>S</b>	
Ontario Work Study/Nipwork Program	25	Scholarships	25
Orientation to Teaching – Elementary Stream	54	Second Degree Programs	65
Orientation to Teaching – Secondary Stream	54	Senate Changes to Degree Requirements	62
Orientation to Teaching (Admission)	54	Services to Students	10
Orientation To Teaching (Course)	169	Social Activities	14
Other Fees, Arts and Science	19	Social Science	184
Other Fees, Extension Education	225	Social Welfare	184
Other Fees, Master of Education	260	Sociology	187
<b>P</b>			
Peer Tutoring Program	13	Spanish	192
Period of Study, Master of Education	264	Special Student Admission	53
Philosophy	170	Sponsorships	16
Physics	173	Sports and Recreational Activities	14
Placement Services	13	Spring and Summer Session	194
Policies	270	Statistics Course Equivalences	62
Policy and Procedures for Exchange Students	278	Student Centre	14
Policy on Academic Dishonesty	270	Student Financial Assistance	25
Policy on Course Waiting Lists in Arts and Science	277	Student Insurance Plan	13
Policy on English Writing Competency	274	Student Life	13
Policy on Individualized Study Courses in Arts and Science	277	Student Records Policy	271
Policy on Notification of Disclosure of Personal Information to Statistics Canada	278	Student Union	14
Political Science	173	<b>T</b>	
Professional Development for Teachers	232	Teacher Education in North Bay	197
Program Advising, Master of Education	264	Transcript Notation (Policy)	270
Program for Students Concentrating in the Intermediate and Senior Divisions	207	Transcript of Records, Aboriginal Teacher Certification Program	257
		Transcript of Records, Arts and Science	62
		Transcript of Records, Education	202
		Transcript of Records, Extension Education	228
		Transcript of Records, Master of Education	264
		Transcripts	15



Tuition Calculation, Education	.24
Tuition Calculations, Arts and Science	.21
Tuition Credit Schedule	.20
Tuition Credit Schedule, Extension Education	.225
Tuition Credit Schedule, Master of Education	.261
Tuition Fees, Extension Education	.225

**U**

University Success	.192
Upgrade to an Honours Degree	.66

**W**

Withdrawal and Tuition Fee Adjustment	.20
Withdrawal and Tuition Fee Adjustment, Education	.261
Withdrawal and Tuition Fee Adjustment, Extension Education	.225
Women's / International Centre	.13
Women's Studies	.193
Writing Competency (Policy)	.274
Writing Competency (Requirement)	.62
Writing Competency Test (Dates)	.63