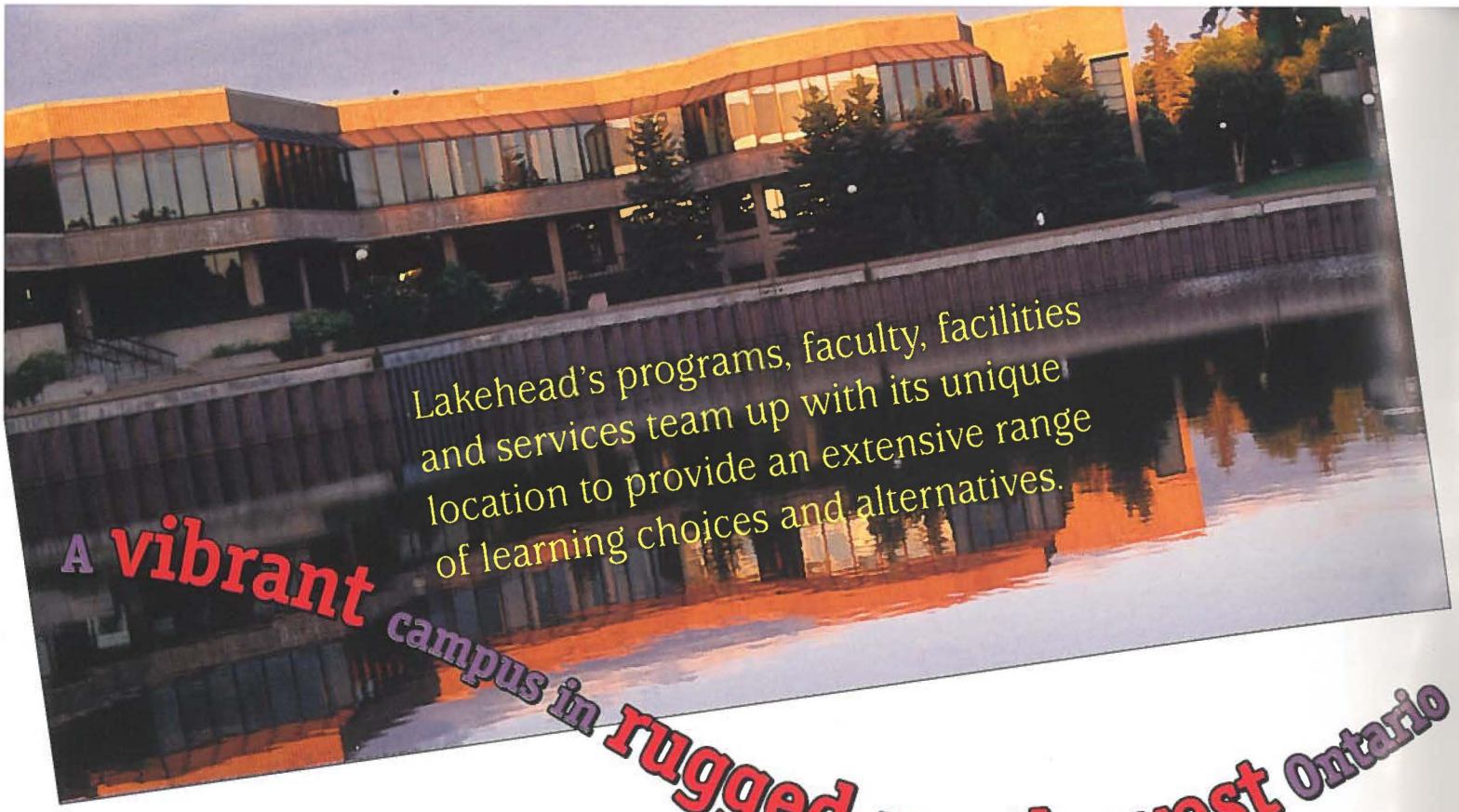
Lakehead
UNIVERSITY





A vibrant campus in rugged north-west Ontario

Introduction

Fieldwork complements the academic component of many L.U. programs. Outdoor Recreation, Forestry, Geology, Biology and Geography, for example, have been designed to focus on, and take advantage of, the natural laboratories of Northwestern Ontario. Particular socio-economic problems of the North are addressed in programs such as Sociology, Commerce, Social Work, Nursing, Psychology, Indigenous Learning and Teacher Education. Lakehead's Engineering program is unique in Canada, combining a diploma program in Engineering Technology with a Bachelor of Engineering degree program.

Exciting developments at the university include co-operative education programs in Computer Science, Forestry, Physics and a number of entrepreneurship courses for undergraduates.

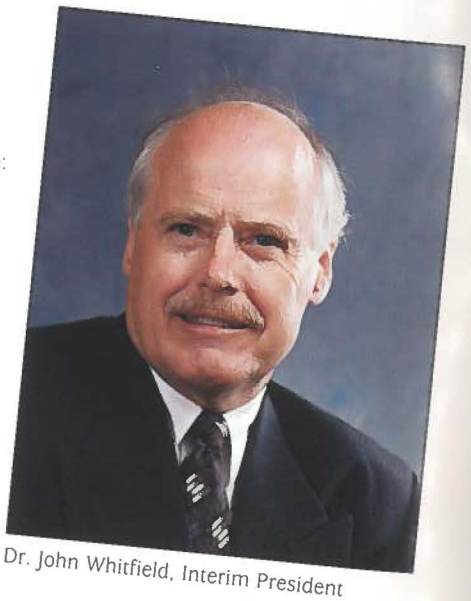
A Regional Education Centre, Student Centre, townhouse residence complex, Northern Forest Biology Research building and Health Sciences Resource Centre are significant additions to the University's facilities.

To find out more about Lakehead University, visit us! Personalized campus tours can be arranged by contacting the Office of the Registrar. One of our students will show you our classrooms, laboratories, library, residences, computer centre and athletic facilities. You may have the opportunity to attend a class or two and meet with the co-ordinator of the program in which you are interested. We look forward to introducing you to our University.

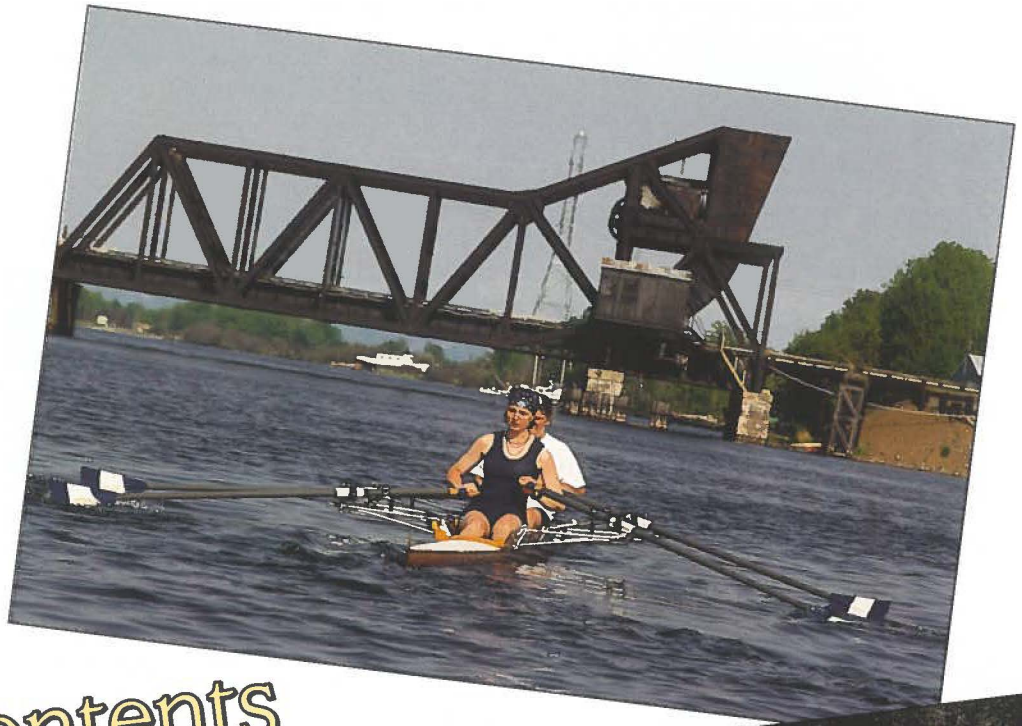
Inquiries are welcome!
Contact: Office of the Registrar
Lakehead University
955 Oliver Road, Thunder Bay,
Ontario P7B 5E1

(807) 343-8500
toll free 1-800-465-3959
(Ontario, Manitoba and Saskatchewan)

Send e-mail inquiries to:
liaison@lakeheadu.ca
our World Wide Web site:
www.lakeheadu.ca



Dr. John Whitfield, Interim President



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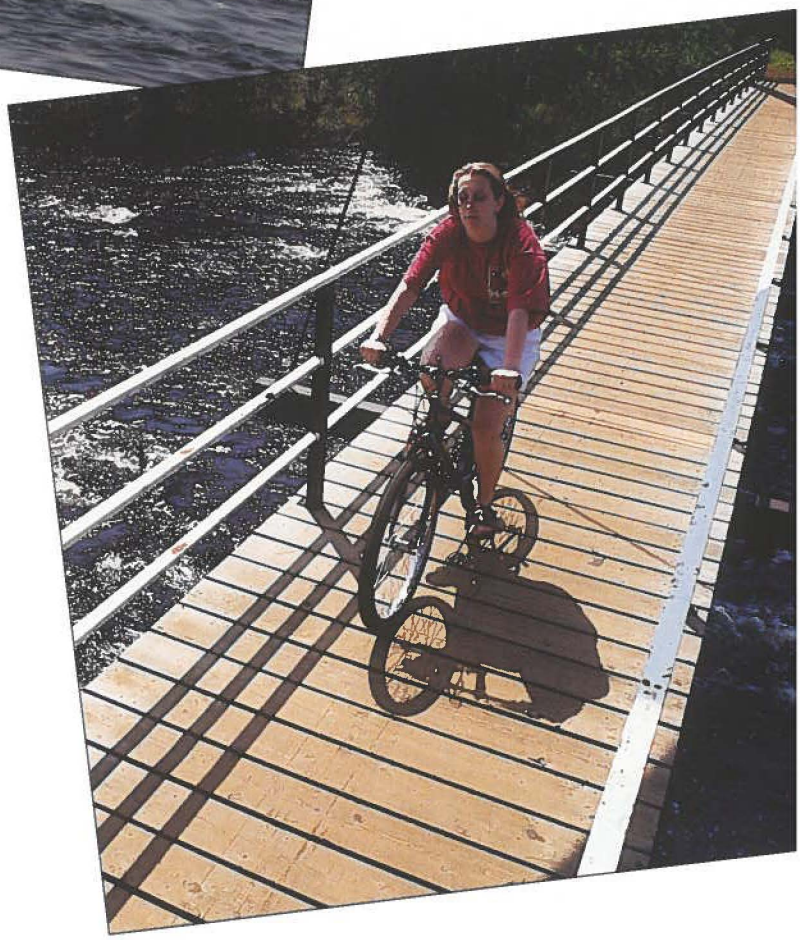
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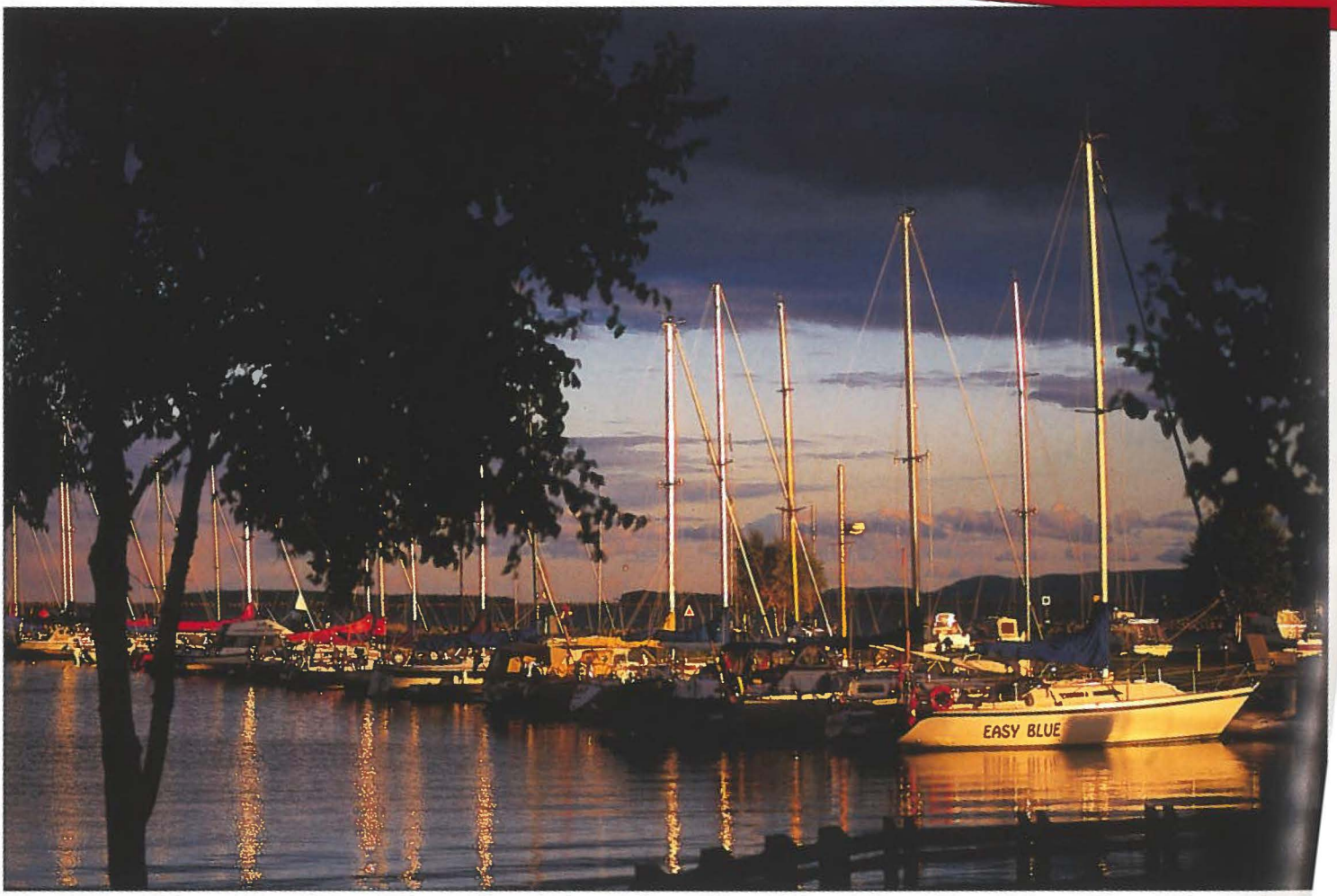
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Thunder Bay



Located in the geographic centre of Canada, Thunder Bay is on the northwest shore of Lake Superior. The City is built around a harbour that is the largest inland port in Canada. This home for 125,000 people is a major terminal for road, rail and water shipments. Thunder Bay is served by major and regional airlines as well as bus service. In addition, the Trans-Canada Highway passes through the city.

Geographic Data:

Average Annual Sunshine:
2,200 hours

Average Annual Precipitation:
53.3 cm (rain),
222.1 cm (snow)

Average Temperature:
+15.9° C (summer),
−12.8° C (winter)

Social, Cultural & Sports Facilities

Thunder Bay acts as the centre of a vast recreational area offering access to a wide variety of summer and winter sports, as well as year-round activities. Winter is no time to hibernate in this city! There are three Alpine ski resorts in the area, as well as excellent curling and hockey facilities.

Summer activities include sailing, windsurfing, water-skiing, swimming, jogging, cycling, camping, fishing, hiking and golf which abound in and around numerous lakes in the area. Tennis, squash and racquetball courts, weight rooms, swimming pools, indoor running tracks and skating rinks are found in the many facilities around town.

Other attractions include Old Fort William, a 1,500 seat state-of-the-art Community Auditorium, the Thunder Bay Symphony Orchestra, live theatre, Canada Games Complex, and excellent shopping and dining opportunities.

The Campus

Dynamic, modern, and set in the rugged beauty of Northwestern Ontario, Lakehead University offers a wide range of personal educational opportunities. Relatively small class sizes encourage communication between students and faculty. This allows the student greater opportunity for "hands-on" experience in labs, and easier accessibility to a wide range of facilities as diverse as computers and squash courts. A variety of campus clubs bring students together on the basis of shared interests and goals. Many clubs are involved with local and national endeavours, in addition to servicing the immediate needs of their members.

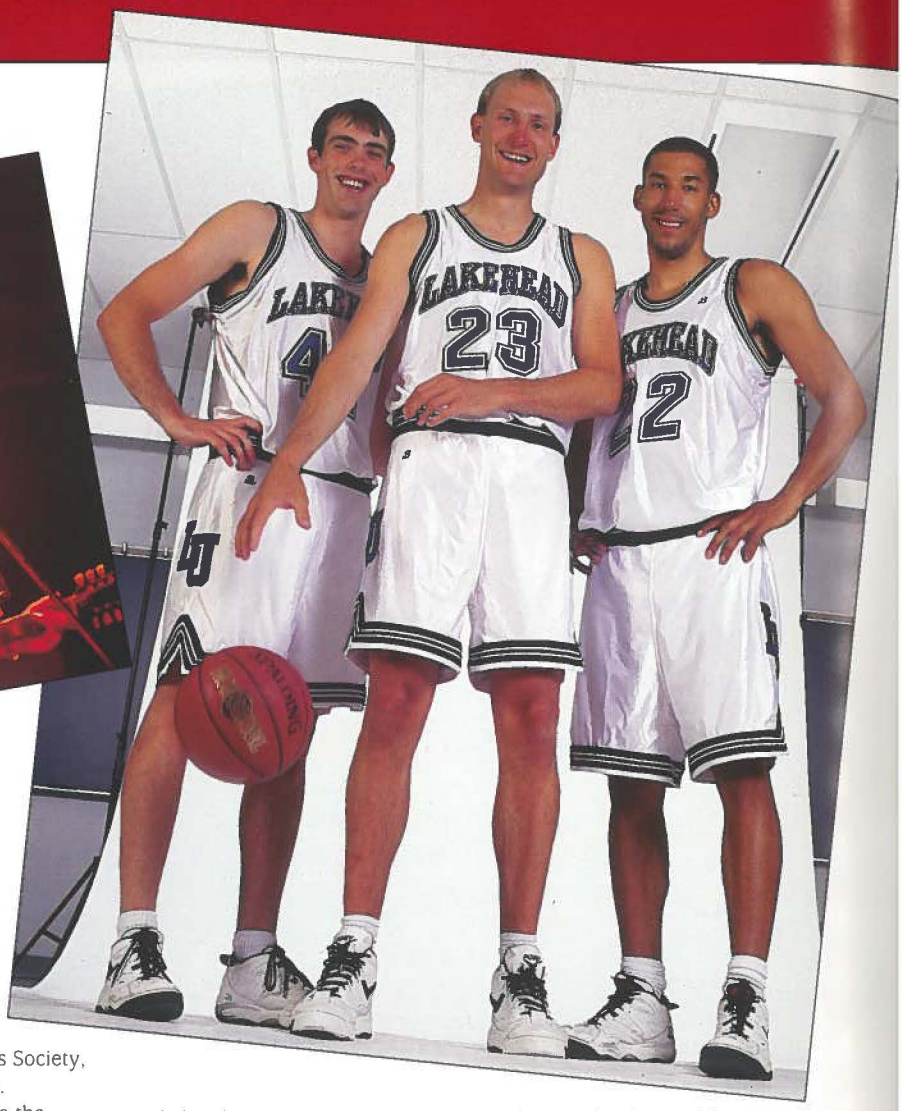
The Student Union offers each student the opportunity to become involved in academic, political and social affairs both on and off campus. A Student Centre is the hub of social activity. Classic and modern movies are screened on a weekly basis. Local dramatic groups present their work in the campus theatre. Dances and concerts, showcasing national and regional talent, are held regularly. A library housing 600,000 volumes, modern laboratories, extensive research facilities, and lecture rooms of all sizes support the academic activities of the University. Many of the buildings are connected by underground tunnels for comfortable walking during inclement weather. In addition, the Bookstore, a convenience store and Personal Touch Banking machines are located on campus.

The Campus is situated on approximately 150 hectares of scenic, wooded land overlooking the city of Thunder Bay. Most of the University's buildings are grouped around Lake Tamblyn, a man-made lake, with the residence complex hugging the wooded banks of the McIntyre River. Many people take advantage of the paved trails leading into, out of and around the campus by walking, jogging, bicycling or, in the winter, cross-country skiing! Though several city attractions lie within walking distance, Thunder Bay Transit services the University and all parts of the city on a regular basis. Whether on campus or off, students enjoy the best of both at Lakehead University.



Student Life





The university experience is not limited to simply attending lectures and laboratories. It is a composite of in-class and out-of-class learning; of meeting new friends, sharing new experiences, and discovering new insights about the world and yourself. To introduce you to all of these dimensions of university life, the Student Union actively promotes a variety of social activities throughout the year, beginning with Orientation Week in September. With tours of the campus and its facilities, tours of the city and area, and a number of other activities such as barbecues, films, pub nights, and concerts, you will find yourself feeling at home very quickly. Throughout the year, concerts, speakers, films, and special events such as Winter Carnival will keep your social life as active as you wish it to be.

Clubs

Approximately thirty different clubs are active on campus each year. There are clubs of an academic nature, such as the Education Students Society, Geology Club, and others. Recreational clubs include the Rugby Club, and the Ski Club. Also, there are international clubs such as the South Asian(SASA), and Afro-Caribbean (AFCASA) Associations. Whatever your interests happen to be, you will likely be able to find a group which shares them.

Athletics

The Athletics program at Lakehead University is an essential element of the total educational program, as the University provides a balance of recreational, intramural, club, and inter-collegiate (varsity) athletics. A dual emphasis on individual and team activities is adhered to in the development of programs at all levels of competition and recreation.

Lakehead University participates in the Canadian Interuniversity Athletic Union, and in the Ontario Universities' Athletic Association (men) and Ontario Women's Interuniversity Athletic Association. Presently, four Varsity programs compete: Men's and Women's Basketball, Women's Volleyball, and Men's Wrestling. Competitive club sports include Swimming, Diving, Nordic Skiing and Indoor Track and Field.

Many Lakehead faculty and students have competed nationally and internationally in various sports, as the University is committed to helping athletes achieve this competitive level. There is also a wide range of intramural sports, such as ice hockey (co-ed and men's), co-ed touch football, soccer, and volleyball, to name a few.

The C. J. Sanders Field House includes a large multipurpose gymnasium which accommodates about 2,000 people for athletic events transforming it into the Thunderdome, an auxiliary gymnasium/wrestling area, weight-training area, saunas, change rooms and lockers, a 50-metre, eight-lane pool, squash courts, and a complete sports medicine clinic. These facilities are used by the local community for various recreational activities. Outdoor tennis courts, hockey and skating areas are available as well.

Recreational pursuits are also accommodated by nearby curling facilities and by some of the best Alpine and Nordic skiing in Ontario (twenty minutes from the campus). The student Alpine ski club regularly organizes trips to these ski hills.

Admissions Information

Lakehead University is one of the few Canadian universities that offers both degree and diploma programs at the undergraduate level. Therefore, students may enter certain areas of study after completing the Ontario Secondary School Diploma (OSSD) or the OSSD with six Ontario Academic Courses or the equivalent.

Undergraduate Application Procedure

1. As a student in an Ontario high school applying for entry to a degree or diploma program, you will apply on the General Application form, OUAC 101, which may be obtained from your school.
2. If you are not currently a full-time Ontario high school student, you should write to the Office of the Registrar for an application form.
3. When completing a university application form, you should outline your academic background in the context of admission requirements stated in the University calendar. At this time, you should also specify the Faculty, Program, and Major to which you wish to be admitted. You should also indicate whether you plan to study on a full-time or part-time basis.

This handbook provides detailed information concerning program admission requirements and general descriptions of the various disciplines available. The Senate of Lakehead University reserves the right to change regulations, programs and course requirements, as outlined in this publication, without prior notice. Programs of study and course descriptions can be found in the Lakehead University calendar in the Guidance Office at your school and on the Internet. You are advised to include the necessary preparatory work for your intended program in your secondary school curriculum.



Admission Requirements

Degree Program	Major Area of Specialization	O.A.C. Requirements
Arts Bachelor of Arts Honours Bachelor of Arts	Anthropology, English, General Program, Geography, History, Indigenous Learning, Philosophy, Political Science, Psychology, Religious Studies, Sociology, ◆Visual Arts	1 credit in English 1, 5 additional credits ◆See Visual Arts
	Economics	1 credit in English 1, 1 credit in Mathematics, 4 additional credits
	Mathematics (actuarial option)	1 credit in English 1, 1 credit in Calculus, 1 credit chosen from Algebra & Geometry, Finite Mathematics, 3 additional credits
	French	1 credit in English 1, 1 credit in French, 4 additional credits
Business Bachelor of Administration Honours Bachelor of Commerce	Accounting, General Management, Marketing, Management Systems, Human Resources Management/Industrial Relations, Business Economics	1 credit in English 1, 1 credit in Mathematics, 4 additional credits (A second credit in Mathematics recommended)
***Education** Bachelor of Education	Concurrent with B.A., B.Sc., primary/junior, junior/intermediate, intermediate/senior	See Arts or Science Major
Bachelor of Science/ Bachelor of Education	General Science (Chemistry concentration) junior/intermediate General Science (Geology concentration) junior/intermediate, intermediate/senior Natural Science - primary/junior, junior/intermediate	See Science Major
Bachelor of Arts/ Bachelor of Education	General Program/Native Education, primary/junior, junior/intermediate, intermediate/senior	See Arts Major, • Applicants must be of Native ancestry and be recommended by a Native organization
Engineering Engineering Technology Yr. 2 (leading to a Bachelor of Engineering)	Chemical, Civil, Electrical, Mechanical	1 credit in English 1 recommended, 1 credit in Calculus, 1 credit in Chemistry, 1 credit in Physics, 1 credit in Algebra & Geometry, 1 additional credit; • 60% average is required in Mathematics credits
Forestry *Honours Bachelor of Science (Co-op Option available)		1 credit in English 1, 1 credit in Calculus, 1 credit in Chemistry, 1 credit in Biology,1 credit chosen from Algebra & Geometry, Finite Mathematics, 1 additional credit • Applicants lacking no more than one of these prerequisites will be considered on an individual basis.
Bachelor of Environmental Studies	Forest Conservation	1 credit in English, 5 additional credits
Honours Bachelor of Environmental Studies	Forest Conservation	1 credit in English, 5 additional credits
Kinesiology *Honours Bachelor of Kinesiology		1 credit in English 1, credit in Chemistry, 1 credit in Mathematics, 3 additional credits, • Candidates with an acceptable university entrance program but not including Chemistry will be considered on an individual basis.
Music Honours Bachelor of Music Honours Bachelor of Arts ❑ Honours Bachelor of Arts (Music)/Diploma in Arts Administration		1 credit in English 1 5 additional credits An audition and a theory entrance test is required

Admission Requirements

Degree Program	Major Area of Specialization	O.A.C. Requirements
Nursing *Bachelor of Science in Nursing		1 credit in English 1, 1 credit in Chemistry, 1 credit in Biology, 1 credit in Advanced Year 4 Mathematics, 3 additional credits, (1 credit in Mathematics is strongly recommended), Current Basic Cardiac Life Support certificate
Outdoor Recreation *Honours Bachelor of Outdoor Recreation		1 credit in English 1, 5 additional credits (Biology and Geography recommended)
Honours Bachelor of Outdoor Recreation/ Bachelor of Arts (Geography)		See Arts Major
Honours Bachelor of Outdoor Recreation/ Bachelor of Arts (History)		See Arts Major
Honours Bachelor of Outdoor Recreation/ Bachelor of Science (Natural Science)		See Science Major • Applicants may be eligible for admission without some of the course requirements for a B.Sc. Major
Sciences Bachelor of Science Honours Bachelor of Science	Anthropology, Biology, Chemistry, Energy & Environmental Science, General Program, Geography, Geology, Natural Science, *Physics, (co-op option also available), Psychology *Computer Science (co-op option available), Mathematics	1 credit in English 1, 1 credit in Calculus, 3 credits to be chosen from Chemistry, Biology, Physics, Algebra & Geometry, Finite Mathematics, 1 additional credit, • Applicants to B.Sc. (General Science or Natural Science) program may be eligible for admission without some of the credit requirements listed above. 1 credit in English 1, 1 credit in Calculus, 1 credit to be chosen from Algebra & Geometry, Finite Mathematics 2 credits to be chosen from Algebra & Geometry, Finite Mathematics, Chemistry, Physics, Biology, 1 additional credit
Social work Honours Bachelor of Social Work		1 credit in English 1, 5 additional credits
Visual Arts Bachelor of Arts Honours Bachelor of Fine Arts ❑ Honours Bachelor of Fine Arts (Visual Arts)/Diploma in Arts Administration		1 credit in English 1, 5 additional credits, A portfolio is required

* Higher averages may be required for admission to programs in which the demand for places by qualified applicants exceeds the supply of available spaces.
❑ Offered jointly with Confederation College; Separate college application required.
• Requirements for admission to a Degree program include the satisfactory completion of a SSGD/OSSD or equivalent, including 6 OAC's with a minimum of 60% overall average.

Diploma Program	Major Area of Specialization	Ontario Gr. 11 & 12 required Advanced Level Credits
Engineering Technology Diploma in Engineering Technology Yr. 1	Chemical, Civil, Electrical, Mechanical	Grade 12 advanced level English, Grade 11 and 12 advanced level Mathematics, Grade 11 and 12 advanced level Sciences
Integrated Forest Resources Management Diploma in Integrated Forest Resources Management		Grade 12 advanced level English, Grade 11 or 12 advanced level Chemistry recommended, Grade 11 or 12 advanced level Mathematics, Grade 11 or 12 advanced level Biology
Library and Information Studies Library and Information Studies Diploma		See Arts Degree Major

• Requirements for admission to a Diploma program include the satisfactory completion of a SSGD/OSSD or equivalent, with a minimum 60% overall average.

Faculties

Faculty of Arts and Science

Programs leading to a Bachelor of Arts or Bachelor of Science degree require a minimum of three full years work. Each program is designed to acquaint the student with a broad range of knowledge in the Liberal Arts or Sciences respectively. A selection of courses from several related fields may be unified with a measure of concentration in one subject called the major. Qualified students may also pursue programs utilizing double major or major/minor combinations. A two year Diploma in Library and Information Studies is also available.

Programs leading to the Honours Bachelor of Arts or Honours Bachelor of Science degrees require a minimum of four full years work. These programs demand a high professional standard in a specialized subject area. Students with the appropriate qualifications may transfer from Bachelors programs to Honours programs.

Three professional schools - Outdoor Recreation, Kinesiology, and Nursing - are associated with the Faculty of Arts and Science. These programs require a minimum of four full years of work.

Faculty of Business Administration

Faculty of Education

Faculty of Engineering

Faculty of Forestry

Programs are designed to prepare students to enter directed careers in Business Administration, Commerce, Education, Engineering and Forestry. The faculties offer the following programs: Honours Bachelor of Commerce; Bachelor of Administration; Bachelor of Arts/Bachelor of Education; Bachelor of Science/ Bachelor of Education; Bachelor of Arts (General Program)/Bachelor of Education (Native Education); Diploma in Engineering Technology; Bachelor of Engineering; Diploma in Integrated Forest Resources Management; Honours Bachelor of Science in Forestry; Honours Bachelor of Environmental Studies (Forest Conservation); Bachelor of Environmental Studies (Forest Conservation).



Anthropology

Bachelor of Arts
Honours Bachelor of Arts
Bachelor of Science
Honours Bachelor of Science



In your program of study you will cover the three major sub-disciplines of anthropology - archaeology, biological anthropology, and socio-cultural anthropology. In addition to the traditional BA and HBA programs in anthropology, Lakehead University offers BSc and HBSc programs in anthropology. Lakehead University also offers a four year BA (Anthropology major)/BEd - primary/junior specialization. As a student studying anthropology at Lakehead University, you will experience a blend of lectures, seminars, labs and field work. You will have the opportunity of gaining insight into a wide range of topics, including human bio-cultural evolution and adaptation, the analysis of archaeological sites and artifacts, forensic anthropology, and the variety of human cultures and societies. Faculty members of the Department of Anthropology are involved in regional and international research and they will share their experiences with you.

Careers

For many students, studying anthropology will be simply a fascinating way of obtaining a bachelor's degree. For others, it will get them into government, museum, community, interpretative or consulting jobs. The honours programs are designed to prepare students interested in pursuing graduate work in anthropology.

Biology



- Bachelor of Science
- Bachelor of Science (Natural Science)
- Honours Bachelor of Science
- Master of Science

Curiosity about the structure and function of the natural world has always engaged the best minds of any civilization. As we moved from a hunter gatherer to an agriculture based, to a technical civilization, biological knowledge has been central to these developments and remains so today.

The study of biology at Lakehead University allows you to choose a program according to your career aspirations. You have the option of completing either a three or four year general degree or an Honours degree. Our program will appeal to you if you are contemplating a career in the health-sciences, as a professional biologist or in a field where you can apply a basic knowledge of biology.

To broaden your options, you can follow a very flexible program of study leading to the BSc (Natural Science) or combine a Biology major with other disciplines such as chemistry, geography and outdoor recreation, parks and tourism.

Small class sizes will allow you to receive more attention from our faculty and technical staff. Many staff members are engaged in exciting fields of current biological research largely concentrated on regional concerns such as wild rice culture, forest rehabilitation, fish and wildlife biology and parasitology.

Careers

As a graduate of our Biology program, you may choose a career in a variety of areas including the federal or provincial government, including wildlife, fisheries, air and water quality, agriculture; private industry such as pharmaceutical biotechnology; aquaculture; or education. Most professional positions require an honours level degree for an entry level position - many require a post-graduate degree. Graduates who further their education seek positions as career scientists in universities or comparable research institutions, both private and public.

Business

Honours Bachelor of Commerce

Bachelor of Administration Degree

The most important part of any organization in today's competitive economy is the quality of its people. The rapid pace of change has meant an increased demand for individuals who are flexible and willing to adapt. However, such individuals are also expected to bring to their work highly specialized skills on the leading edge of technology. It is with these trends in mind that the Faculty of Business Administration has designed its two degree programs.

The first two years in the Business Program at Lakehead University will provide you with a comprehensive introduction to core business management subjects. These courses include Management, Financial and Managerial Accounting, Human Resources Management, Microcomputers, Marketing, Production, Finance and Organizational Behaviour. Throughout the first two years, emphasis is placed on the development of effective communication skills.

The Faculty of Business Administration offers small class sizes and a personal approach. You will be taught by faculty who have a professional, real-world focus.

Honours Bachelor of Commerce Degree (4 Years)

At the end of Year II, as a student continuing in the Honours program, you will specialize in one of the following disciplines: Accounting, Marketing, Management Systems, Human Resources Management/ Industrial Relations, General Management, Finance or Business Economics. By selecting one of these areas of specialization you will have the opportunity to develop an in-depth knowledge of current professional practice and become acquainted with recent developments in a particular business discipline.

As a Lakehead Commerce student, you may have the opportunity to participate in international student exchanges, small business consulting, Inter-Collegiate Business Competitions and Cooperative Education Programs in Management Systems and Marketing and Human Resource Management in your third and fourth years of study.

Bachelor of Administration Degree (3 Years)

At the end of Year II, you may choose to complete the Bachelor of Administration general degree with one additional year of study. The strength of this program is the general overview of all functional areas of management together with the opportunity to concentrate your studies in one area in the final year.

Throughout both programs, emphasis is placed on learning from the practising manager's point of view. Your learning experience will combine traditional lecture methods, student seminars, formal presentations, class discussions of management cases as well as experiential exercises. This will assist you in your personal development, and will also give you the opportunity to learn to work effectively in small group work settings. Our Faculty has two modern micro-computer laboratories which will allow you to become conversant with state-of-the-art business applications and hardware.

If you have an entrepreneurial spirit, Lakehead can provide you with the opportunity to learn more about the challenges and excitement of developing an idea for a new enterprise. We currently offer optional courses in entrepreneurial studies at the undergraduate level.

Opportunities exist for you to develop your managerial ability through involvement in our active student organizations. Exciting challenges await you whether it is with the Lakehead University Business Association, the Entrepreneurship Club or the local AIESEC Chapter.



Careers

Graduates of our Business programs have a diverse range of career opportunities in the field of management. Graduates of the Faculty of Business Administration can be found in senior corporate executive positions, in government, in the not-for-profit sector, and self-employed in their own businesses.

If you are thinking of becoming an accountant you will be interested in knowing that the Institute of Chartered Accountants, the Society of Management Accountants and the Certified General Accountants offer exemption in their professional certification programs to Commerce graduates.

Commerce graduates may also receive course exemptions in professional certification programs in a variety of fields such as computer-based information systems, human resource administration, purchasing management and personal finance planning. Completion of your degree can be an important first step in a lifelong, and progressive professional career in management.



Chemistry

Bachelor of Science
Honours Bachelor of Science
Master of Science

Chemistry is often referred to as the fundamental natural science since it deals with the behaviour of matter and the basic chemical substances of which all matter is composed. Because of this, many other disciplines such as biology, geology, engineering and medicine depend heavily upon chemistry.

As a Chemistry student at Lakehead University, you will have the chance to explore the specialty areas of analytical chemistry, inorganic chemistry, bio-chemistry, organic chemistry, physical chemistry, polymer chemistry and theoretical chemistry.

Lakehead's Chemistry department is well equipped for both teaching and research. Because small classes are the norm, you will have easy access to instructors, several of whom have gained international recognition for their contributions to chemistry, and to very sophisticated and specialized instruments.

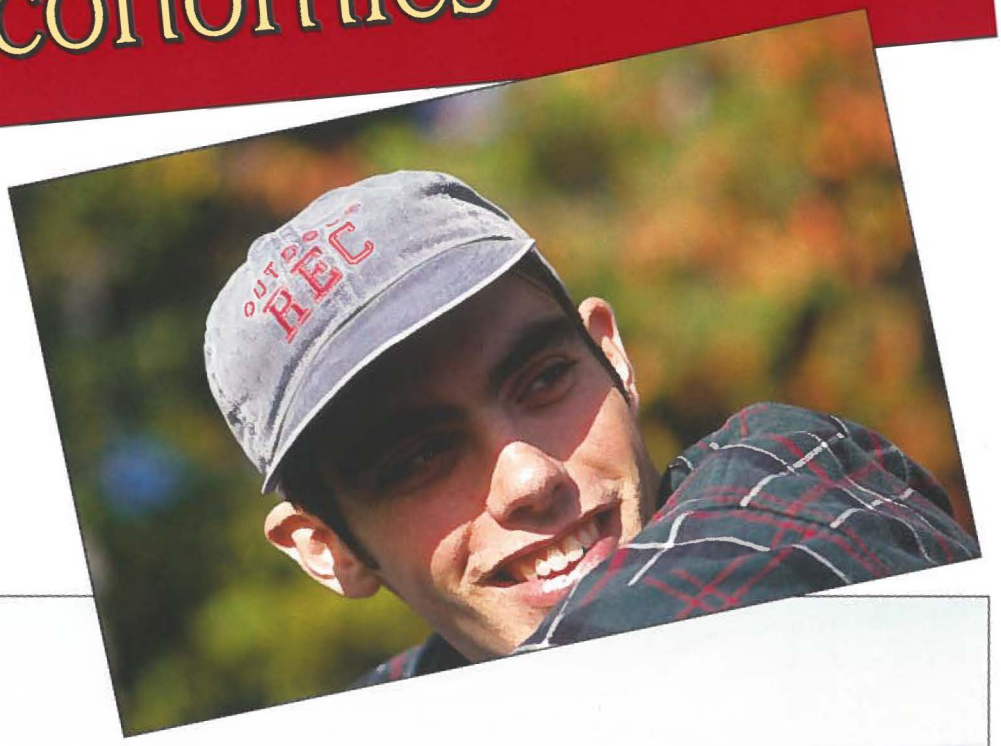
Careers

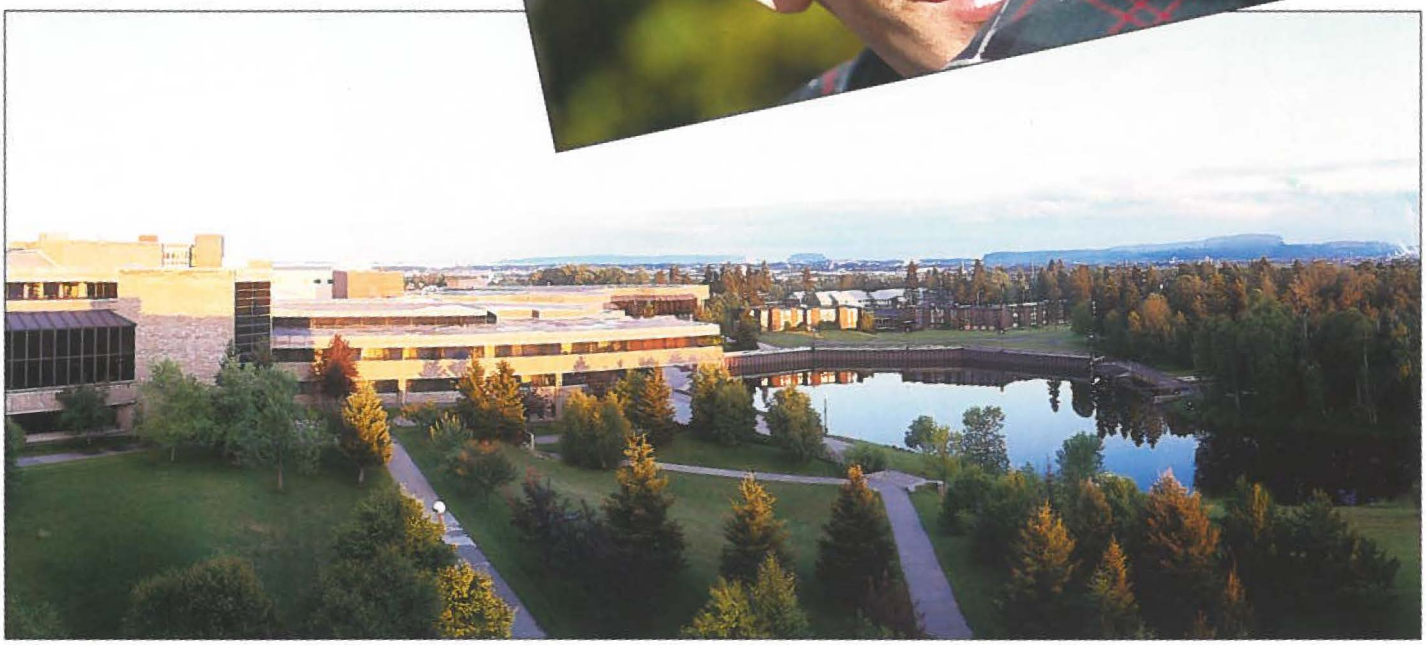
Your degree in Chemistry can lead you to a wide choice of career opportunities including positions with various agencies of the government, industry and teaching. Environmental control and monitoring and occupational health and safety are also becoming increasingly important career options.



Economics

Bachelor of Arts
Honours Bachelor of Arts
Master of Arts (Co-op Education Option)





Economics is a science dealing with the production, distribution and consumption of wealth and its related problems such as labour, finance and taxation. Cambridge economist Sir Dennis H. Robertson pointed out that economics is "worth pursuing partly for its intensive interest, but mainly, because it may help us to form reasoned judgements on matters of public policy." Ultimately, economics is concerned with policy.

In this day and age, awareness of the economy and how it works is an essential part of our lives. It will affect the way we think, vote and perceive our economic situation.

If you are interested in looking at the long-term effects of economic policy and its consequences for the entire community, then you will find the study of economics exciting and stimulating, as well as useful for a rewarding career.

Careers

A degree in Economics can qualify you for a career as a business, trade union, or government economist, or for an academic career in education at the secondary, college or university levels. Pursuing a graduate degree is also an option.

Education

Native Language Instructors' Diploma

Bachelor of Arts/ Bachelor of Education

Bachelor of Science/ Bachelor of Education

Bachelor of Arts (General Program)/ Bachelor of Education (Native Education)

Master of Education

At Lakehead we offer three undergraduate programs in Education:

1 Concurrent Teacher Education

2 Concurrent Teacher Education (Native Education)

3 Consecutive Teacher Education

The Concurrent Teacher Education Program at Lakehead permits you to qualify for an Arts or Science degree while you are working towards your Bachelor of Education degree. Most important, the Concurrent Program enables you to develop professional teaching skills over a four-year period through continuing contact with schools, teachers and students. (Whether you decide to take the BA/BEd or the BSc/BEd, you will be required to choose the level at which you would like to teach: Primary/Junior, Junior/Intermediate, or Intermediate/Senior.)

The Concurrent Teacher Education (Native Education) Program provides people of Native ancestry with the opportunity to pursue an Arts degree while working toward the Bachelor of Education specializing in Native Education, mainly at the Primary/Junior level. Over a four-year period, you will develop professional teaching skills while learning to meet the unique social and cultural needs of the Native community. In addition to educational methodology and theory, this program includes courses in Native culture and traditions such as Native languages, Native arts and crafts, and Canadian Indian literature.

The Consecutive Teacher Education Program allows an individual who already possesses an undergraduate degree to obtain a Bachelor of Education by enrolling in this rigorous one-year program in Teacher Education.

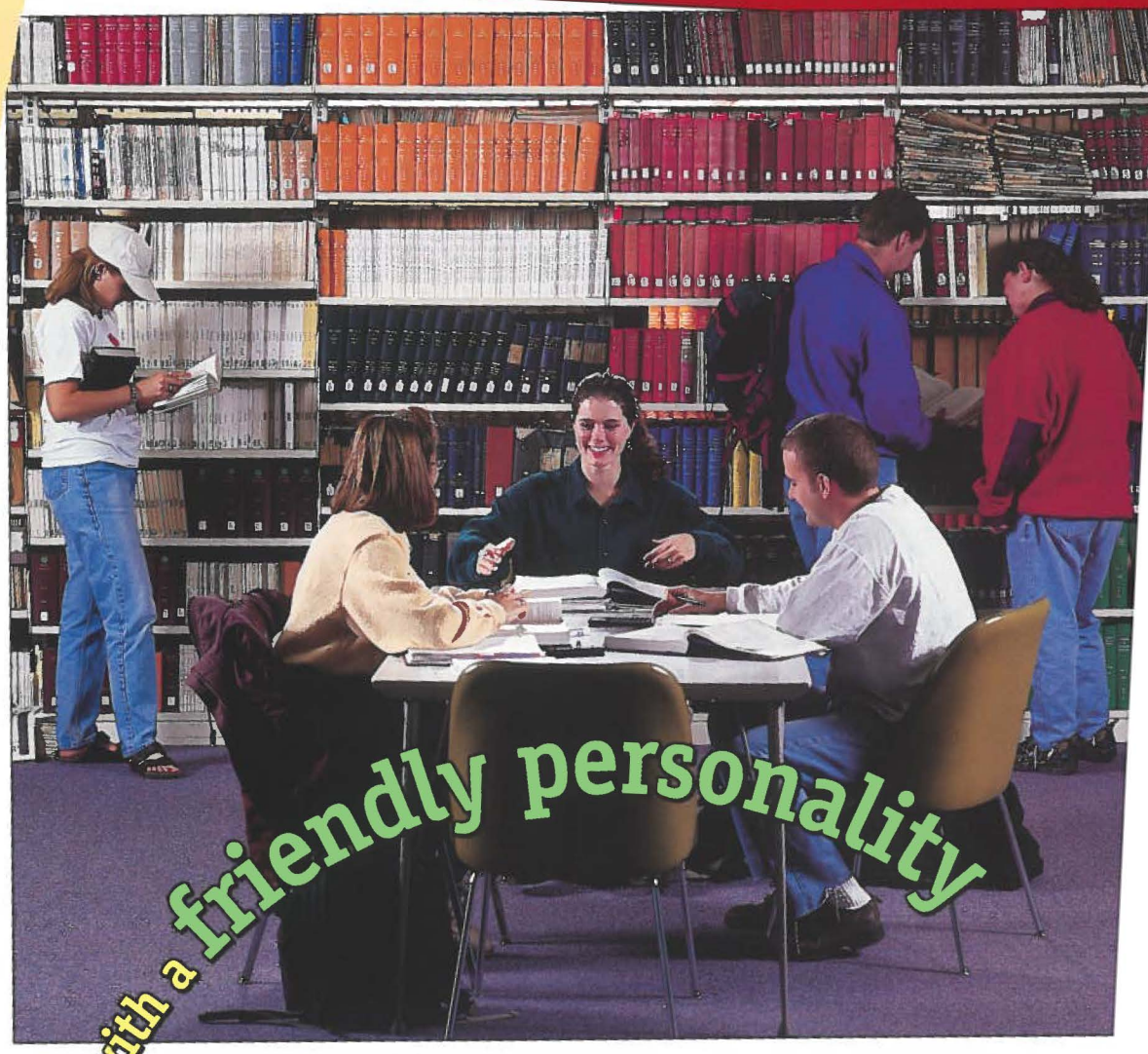
Native Language Instructors' Program

The Native Language Instructors' Program is designed to increase the number of Native Language teachers through summer programs and will prepare you to instruct in Native as a First Language or Native as a Second Language. It focuses on developing skills required for second language teaching. The curriculum is designed for students who enter the program with an Algonquian language background. The length of the program is a four summer program of three weeks.



English

Bachelor of Arts
Honours Bachelor of Arts
Master of Arts



Our English program at Lakehead University is designed to meet the needs of people living in a society sensitive to communication skills, and also to recognize the need of students who desire advanced study in specialized areas.

As an English student, you will have the chance to study in the areas of fiction, drama, poetry, non-fictional prose and criticism. Courses with a more specialized focus are offered on a rotating basis. These include children's literature, creative writing and the novel.

To respond to the demand for the practical skills necessary in industry, government and other professional occupations, you may combine an English major with a program in another professional area.

This is a campus with a friendly personality

Careers

Graduates of our English programs develop careers in traditional areas such as teaching; go into specialized training in a variety of fields such as business and industry, the media, and government; or enter professional programs such as law.

Engineering

Stage One: Diploma in Engineering Technology

Stage Two: Bachelor of Engineering Degree

Master of Science (Control Engineering)

Lakehead's Faculty of Engineering offers a unique two-stage approach to engineering education which can lead to a Bachelor of Engineering degree in Chemical Engineering, Civil Engineering, Electrical Engineering or Mechanical Engineering.

Upon entering our Faculty of Engineering from high school, you will begin the first stage which can provide you with a diploma in Engineering Technology in one of the four disciplines. The first stage includes courses in engineering sciences and design as well as basic sciences and mathematics.

Upon completion of the diploma you have two options:

(1) you may apply for entry to the second stage and continue studies for your engineering degree, or

(2) you may choose to obtain work experience since you have graduated from an accredited Engineering Technology program with marketable skills. If you choose the second option, you may apply to return to Lakehead University after acquiring valuable work experience, and complete your engineering degree at a later date.

The second stage, the unique Bachelor of Engineering degree program, attracts students from Victoria to St. John's because of its design and quality. Graduate engineering technologists are eligible to enter the degree program either directly after receiving their diploma or after having gained industrial experience.

Our Bachelor of Engineering degree programs are fully accredited by the Canadian Engineering Accreditation Board of the Canadian Council of Professional Engineers. Our Diploma programs in Engineering Technology are fully accredited by the Ontario Association of Certified Engineering Technicians and Technologists.

An open invitation exists for you and your friends to visit Lakehead's engineering laboratories to talk about your plans and to ask about the profession of engineering. Lakehead is proud of its Faculty of Engineering, its students and the response of industry to its graduates.

Native Access Program for Engineering

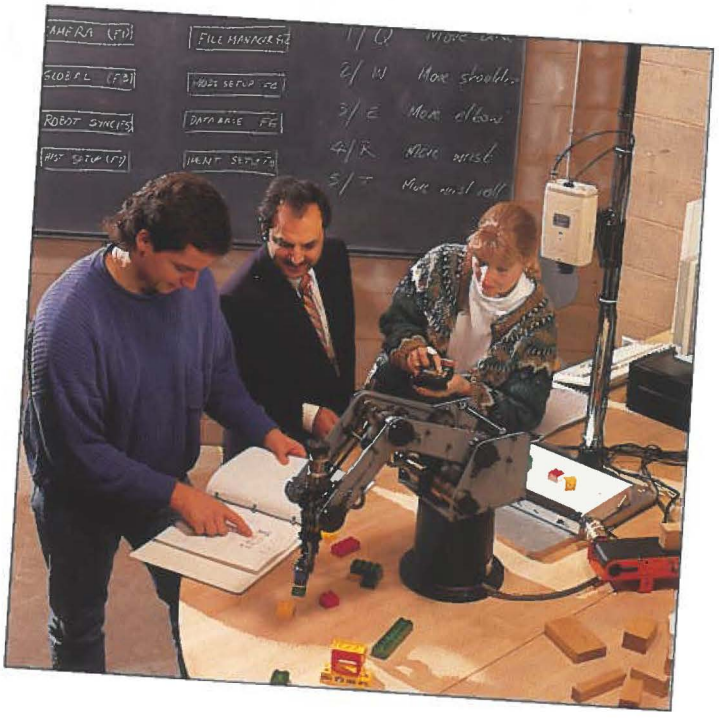
The Native Access Program for Engineering (NAPE) is a one year program that prepares you, as a student, to enter the Faculty of Engineering programs. NAPE provides academic/cultural/social support throughout your entire engineering program of study.

Chemical Engineering

A chemical engineer is a person who is skilled in the development, design, construction and operation of industrial plants in which matter undergoes a change. The chemical engineer is versatile, well-grounded in the sciences of chemistry, physics and mathematics, but also knows when to apply empirical engineering know-how to solve problems.

Chemical engineers are involved in the manufacture of such commodities as synthetic fibres, plastics, fertilizers, detergents, salts, foods, pharmaceuticals, resins, petroleum products, and pulp and paper. Chemical engineers interact with natural resources and environment through their involvement with environmental protection, development of less polluting processes and in the management of energy.

The Chemical Engineering Program places an emphasis on process engineering and related areas, such as, thermodynamics and plant design. Consequently, our graduates feel at home in industrial environments. Students commonly become involved in faculty research projects in the processing of uranium ores, biomedical engineering and oil sands, or in projects which are part of the federal network of centres of excellence in mechanical and chemi-mechanical pulping.



Civil Engineering

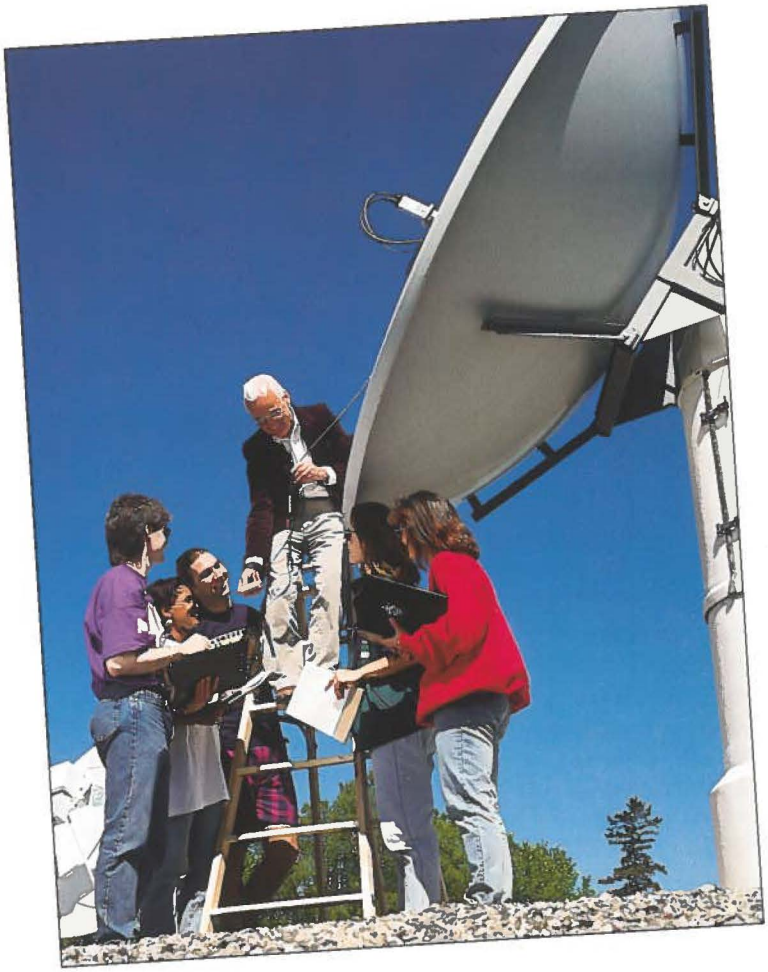
Civil engineering involves the planning, design, construction and rehabilitation of such engineering works as structures, airports, highways, dams and power projects, water supply and waste disposal systems, bridges, harbours, and industrial facilities. The civil engineering field is also concerned with problems in the areas of city planning, transportation and the environment.

A diploma in Civil Engineering Technology prepares the graduate for positions in the design, construction, maintenance and operation of civil engineering works and systems.

The graduate from the Civil Engineering Degree program is prepared for the conceptual and design activities in civil engineering by means of additional and more rigorous courses in mathematics, engineering sciences and civil engineering design. Elective courses and a senior year design project provide an opportunity for students to extend their knowledge in an engineering area of their choice. Students enjoy working on design and research in highway geometrics and transportation systems, high performance concretes, environmental issues, watershed analysis, foundation and slope stability projects and structural analysis and design engineering.

As a civil engineer you will have the opportunity to provide the services that the public enjoys each day, namely, clean water, efficient transportation systems, quality environment, safe bridges, etc.

Engineering



Electrical Engineering

The electrical engineering curriculum covers fundamental physical sciences, as well as the more practical areas of design and operation of industrial control systems, communications systems, electronic circuits, and the generation and distribution of electrical power.

The Electrical Engineering Technology program includes the fundamentals necessary to prepare students for industrial positions in electrical power, communications, controls and electronics.

The Bachelor of Engineering Degree program extends the student's capabilities into more advanced conceptual and design phases of electrical engineering through a series of core courses in engineering sciences and design. Elective courses and a final year project allow students to choose further study in areas such as fibre optics, fuzzy controls, satellite communications and power electronics.

Electrical engineering has been in continuous development since its inception about a century ago. Considering "the revolutions" associated with solid state electronics, microprocessors, computers and in Canada's major high tech industry, communications, graduates have an excellent array of career opportunities.

Mechanical Engineering

A mechanical engineer creates, integrates, and applies knowledge of science and technology chiefly to the design and manufacturing of products.

As the name "mechanical" implies, machines play a large part in this branch of engineering. Most of the things you use everyday were, in some way, touched by a mechanical engineer - from a soup can to the cars and buses in which you ride, from a jet airplane engine to the Canadarm used on NASA space shuttles.

Mechanical engineers play an important role in the planning, designing, construction and maintenance of equipment used in manufacturing, as well as in the finished consumer products. A growing number are becoming involved in the nation's energy supply and quality of our environment.

The Mechanical Engineering Technology program emphasizes a basic understanding of practical engineering principles and production methods to prepare the graduate to operate in design, development and production.

The Mechanical Engineering Degree program provides the student with a deeper understanding of engineering principles through rigorous study of applied mathematics and engineering sciences leading to design and industrial problem solving. The elective courses and degree project allow each degree student to direct their studies to those topics of mechanical engineering which are of greatest interest to themselves, for example: robotics, vibrations, electric vehicles, etc. or to become involved in a faculty member's research.

Our Engineering Students Are Winners

Each year, Lakehead's students compete in various engineering student competitions including high mileage vehicle competitions, concrete toboggan races, national student branch technical competitions, bridge building competitions, paper presentations, and so on... Recent "winners" have included:

Canadian Society for Chemical Engineering: Best student branch last two years

Canadian Society for Civil Engineering: Best student branch twice and runner-up many times.

Society of Automotive Engineers: High mileage vehicle winners in Michigan and California in 1993

Hydro review: winners of 1995 Hydropower Project: third place in 1996 in competition with major U.S. universities

Shell Fuelathon Competition: 1992

Canadian Society for Civil Engineers Bridge Building Competition: Drop by and see the award-winning, innovative design which has set a new standard for this competition.

Careers

An engineering education is more than a technical education; it is an excellent general education. For this reason, engineering graduates establish careers not only as professional engineers making major contributions to society through development of better standards of living but also in banking and the stock market, in real estate and land development, law, education, medicine and most common of all, managers of industry.

Environmental Studies

Understanding our environment - our relationship with it and our responsibility to it - is a theme that weaves its way through many programs of study at Lakehead University. You may wish to explore the opportunity of studying one or more of these areas of specialization.

Environmental Studies (Forest Conservation)

A new program at Lakehead University focuses on forest conservation. Forest conservation is based on the recognition that forests are valuable, both for their use by people and for their own sake. Wise and continued use of forest resources depends on knowledge of forest ecology and the animals and plants that live there. The Honours Bachelor of Environmental Studies (Forest Conservation) prepares students for a variety of jobs related to the forest. In course work and in practical experience in the field, students study the forest, the plants and animals that live there, and how the forest "works". This study is valuable for work in forest conservation, forest management, forest protection, nature interpretation, parks warden, parks interpretation, and a wide variety of jobs that have a focus on forests.

Energy & Environmental Science

Energy & Environmental Science is an interdisciplinary program of study that addresses many areas of concern. What forms of energy will we be using 10 or 20 years from now? Will we replace the fossil fuels that pollute our planet and lead to global warming? What is the future of solar derived energies such as photovoltaics, wind power and biomass? When will nuclear fusion replace nuclear fission? How can energy be conserved while improving our lifestyle and environment? What are the ecological consequences of our lifestyle?

These are a few of the questions that will be explored in the interdisciplinary Energy and Environmental Science programs at Lakehead University. As a student enrolled in the minor, the interdisciplinary program or double major program, you will have the opportunity to study energy conservation, environmental biology, solar derived energies, nuclear energies, and combustion chemistry.

A co-op option is available with the honours physics program.

As a Lakehead University graduate with scientific training in energy and environmental problems, you will be better qualified for a job with government agencies or companies who are working to improve the environment.

Northern Studies

The minor in Northern Studies focuses on issues that are peculiar to a northern environment. Topics may include physical science, political science, sociology, economics, social work, etc.

Geology, Biology, Outdoor Recreation, Geography, Forestry, Chemistry, Physics, Anthropology

Many programs of study at Lakehead will allow you to pursue your interest in environmental studies.

Geology defines the most fundamental part of our environment as the Earth on which we live and understanding this environment is the realm of geology.

Biology provides a sound education for the needs of both science-based professional career students and those who wish to understand the complexity of the living world.

The Honours Bachelor of Outdoor Recreation program at Lakehead offers you unique opportunities to study and to understand people's leisure activities in the natural environment.

Geography explores where people and activities are located, why they are located where they are, what changes are occurring in these patterns, what impacts these changes are likely to have on human and physical environments and what should be done about these impacts.

Forestry is the science, business and art of managing and conserving forests and associated lands for continuing economic, social and environmental benefit.

Chemistry allows you to explore the specialty areas of Analytical Chemistry, Inorganic Chemistry, Biochemistry, Organic Chemistry, Physical Chemistry, Polymer Chemistry and Theoretical Chemistry. A degree in Chemistry may lead to career opportunities focusing on the scientific aspects of environmental problems and their solutions.

Physics, and physics combined with another discipline can provide you with interesting career options including geophysics, biophysics, medical physics or atmospheric physics, etc. all which focus on specific areas of our environment.

Anthropology is the integrated biological and socio-cultural investigation of human kind, from the time of our pre-human ancestors to the present, and from small to complex societies. These human/environment relationships are reviewed in a wide range of courses covering biological, archaeological, and socio-cultural anthropology as well as more specialized concentrations on archaeological science, medical anthropology and applied anthropology.



Forestry

- Honours Bachelor of Science in Forestry (Co-op Education Option)
- Honours Bachelor of Environmental Studies (Forest Conservation)
- Bachelor of Environmental Studies (Forest Conservation)
- Diploma in Integrated Forest Resources Management
- Master of Forestry
- Master of Science in Forestry

Modern forestry is a dynamic applied science that is essential to the ecological and economic health of Canada and the world. As active members of an environmentally concerned public, we have designed programs which reflect the great variety of values - such as conservational, cultural, recreational and financial - found in the forest resource.

In our programs, you will learn how to be a problem solver, decision maker and communicator. You will study the biological and social aspects of wise forest management, as well as concentrate on advanced areas of forestry practice such as resource conservation, wood science, tree health, harvesting, mensuration, silviculture and the use of the latest computer technology and remote sensing.

Forestry at Lakehead comes naturally. Located at the transition between the Great Lakes - St. Lawrence and Boreal forest regions, in a city which boasts a range of industry, government and research facilities, our Faculty is ideally situated for both field and classroom instruction. We are justifiably proud of our level of interaction with individuals and organizations outside the "academic" realm and feel that this cooperative spirit brings additional value to the program and new opportunities to our students.

Centre for the Application of Resource Information Systems

Many exciting high technologies are used in forestry. One of these is the Global Positioning System (GPS) which provides extremely accurate mapping data. Many "layers" of data (watercourses, access roads, wildlife corridors, archeological sites, nesting areas, silvicultural operations, etc.) can be integrated using powerful Geographic Information Systems.

Jack Haggerty Forest

This 1000 hectare working forest is only 35km from campus. Students are involved in actual management activities through course work, thesis projects and, sometimes, direct employment.

Centre for Northern Forest Ecosystem Research

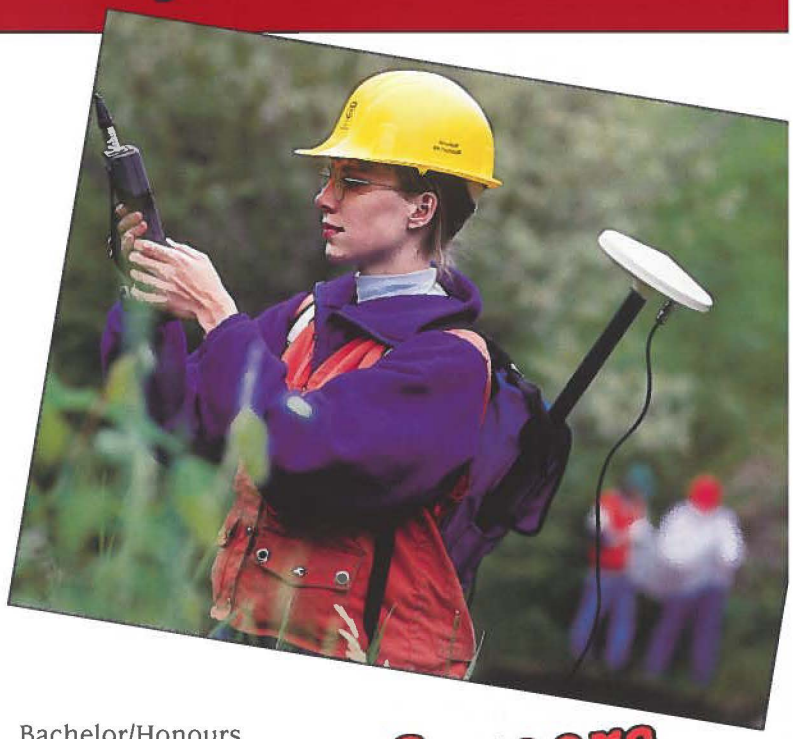
With their focus on the Boreal forest - specifically wildlife, fisheries, forestry and tourism - the researchers (many of whom are LU grads!) maintain close links with the Faculty by cooperating on projects, supervising theses, lecturing and employing our students.

HBSc Forestry

A four year degree program which provides graduates with the skills to become Registered Professional Foresters anywhere in Canada.

HBSc Forestry (Co-op Option)

A five year program, academically similar to the HBScF, which formally integrates the work experience with the academic.



Bachelor/Honours Bachelor of Environmental Studies (Forest Conservation)

The three and the four year programs allow students to develop their own areas of expertise and interest around a core of forest science and management courses.

Diploma in Integrated Forest Resources Management

Graduates of this two year program, accessible with the OSSD (see details on page 9), are fully qualified for careers in the private and public sectors as Forest Technologists.

Summer Employment

Forestry students enjoy the highest level of career-related, well paid summer employment. Our undergraduate students are actively recruited by employers from across Canada because they have the skills necessary to function effectively in a comple, challenging and changing world. Co-op students have even more "earning and learning" opportunities - an additional eight months of work experience in the fall and winter of third and fourth year!

Careers

Forestry graduates no longer limit themselves to the "traditional" careers found principally with large companies or government agencies. The breadth and depth of study pursued by our students allows them to find opportunities in a variety of work settings - forestry graduates are "doers", "planners", "facilitators". The majority remain in touch with the forest - as employees of large or small organizations, or as entrepreneurs or consultants.

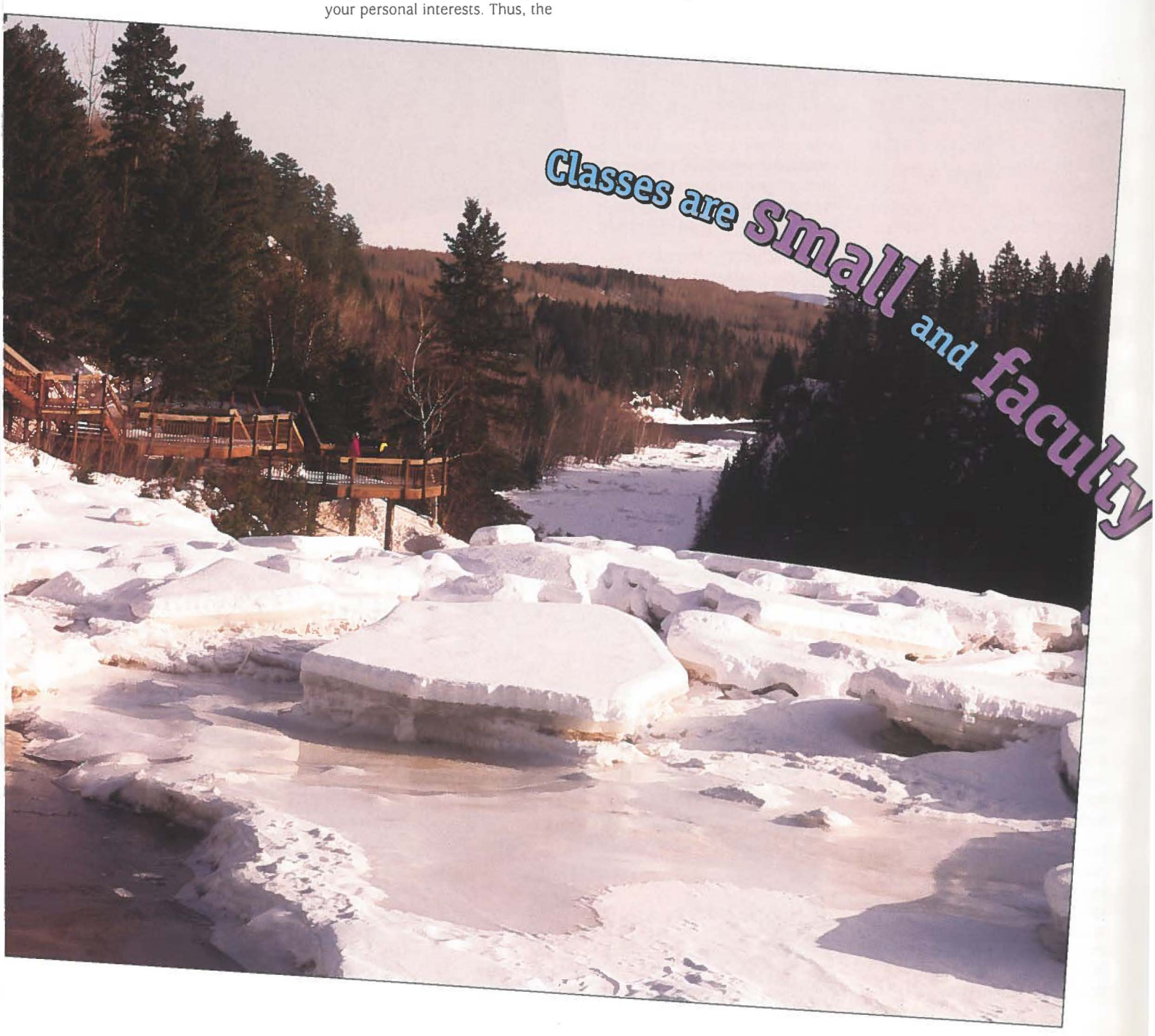
The skills stressed throughout our programs - problem solving, decision making, communicating - are portable and serve each individual according to his or her needs. The scientific and technical knowledge base - covering everything from integrated forest resources management to international resource policy - provides an unparalleled background in resources management opportunities.

The "proof" of our program is reflected in the employment success of our students. As in the past years, most of the 1997 graduates are now working full-time.

General Arts and General Science

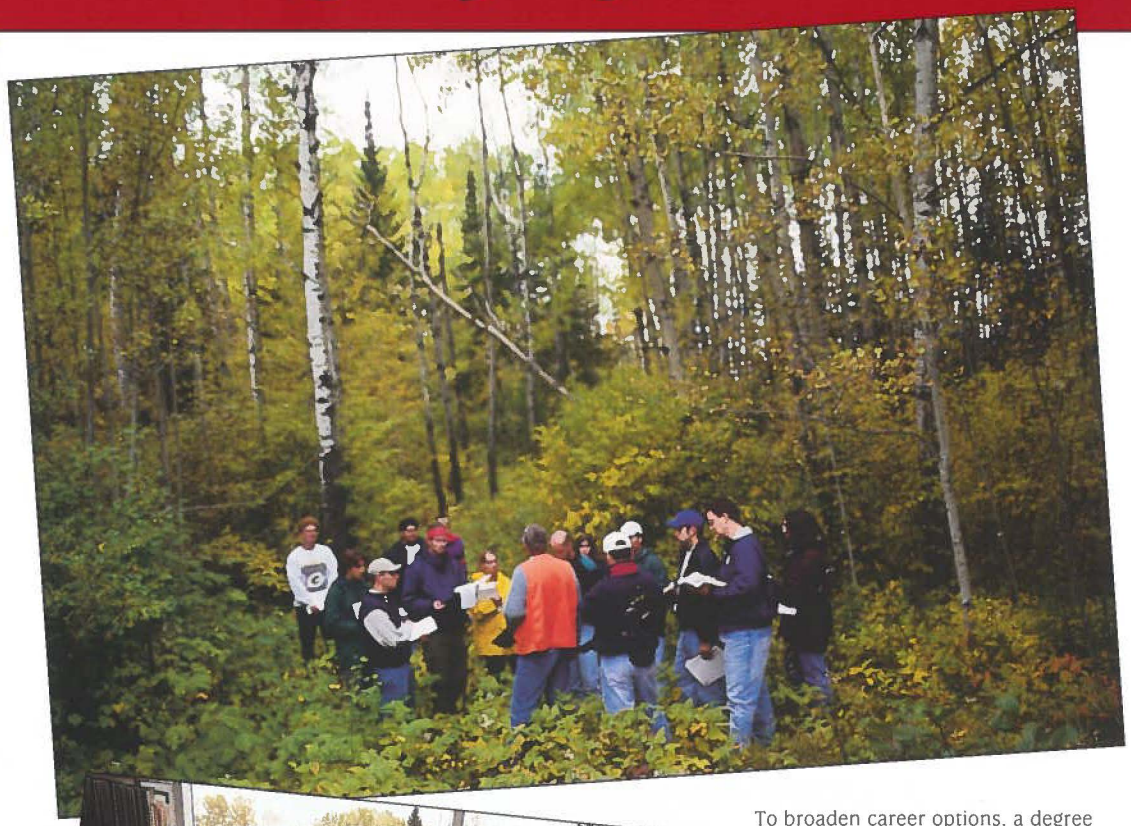
Bachelor of Arts (General Program)
Bachelor of Science (General Program)

The General Programs in Arts and Science are designed to offer you the maximum flexibility in course selection. They do not specify particular required courses as major programs do. This allows you to select courses from a broad range of disciplines according to your personal interests. Thus, the General Programs are ideal for those who wish a broad education at the university level. However, should your interests change or become more focused as you proceed with your studies, it is often possible to change from a General Program to a specific Arts or Science major.



Geography

- Bachelor of Arts
- Honours Bachelor of Arts
- Bachelor of Science
- Honours Bachelor of Science
- Certificate Program in Environmental Assessment



Geography is a discipline which strives to understand how local, regional and global forces shape both natural and cultural landscapes.

In the first two years, our program provides a foundation on which expertise across a wide spectrum of geographical themes can be built. In the senior years, opportunities exist for more specialized study in areas such as climate change, coastal geomorphology, flood plain hazards, residential and retail development, tourism and recreation, and rural development. In addition the development of communication, analysis, and problem- solving skills will serve you well regardless of the career path you choose.



are accessible at Lakehead

To broaden career options, a degree in Geography may be coupled with degrees in Biology, Geology, Economics, or Outdoor Recreation. We also offer a program leading to a Certificate in Environmental Assessment.

Beyond the classroom, an active student club offers additional opportunities to participate in social activities and field excursions.

Visit our Web Site for more detailed information about out faculty, programs, and courses (http://www.lakeheadu.ca/~geogwww/geoghp.html)

Careers

Geography graduates find their way into a wide variety of careers. Some enter fields such as recreational planning, natural resource assessment, finance, marketing and locational analysis, and real estate. With post-graduate training, careers in environmental or urban planning are accessible as is the burgeoning field of geographic information systems.

Geology

Bachelor of Science
Honours Bachelor of Science
Master of Science

The most fundamental part of our environment is the Earth on which we live. Understanding this environment is the realm of geology - the science concerned with the study of the Earth. Geologists study rocks to reconstruct events that affected the earth and its inhabitants throughout the vastness of geological time.

Geoscientists now also play an important role in interdisciplinary studies that seek to understand the interactions between the oceans, the atmosphere and the biosphere with the solid earth. These interdisciplinary studies address contemporary problems such as long and short-term climatic change, pollution monitoring, resource evaluation, land use and the physics and chemistry of the Earth in general.

As a modern geoscientist, you will apply the principles of chemistry, physics, mathematics and computing not only to the solution of natural problems, but also to the discovery of petroleum, natural gas and mineral deposits. Areas of study include:

- predicting earthquakes and volcanic activity
- finding ways of storing nuclear waste in the natural environment
- searching for mineral deposits using magnetic or gravitational geophysical prospecting techniques
- attempting to understand how and why continents drift, mountain ranges grow and ocean basins form
- determining the origin of an ore deposit by chemical and mineralogical studies
- determining the time of formation of rocks using mass spectrometers
- analysing the composition of ice in glaciers in an attempt to decipher the climatic history
- determining the motions of the continent through time
- understanding the historical development of sedimentary basins and their coal, gas and petroleum resources.

Careers

Geoscientists have the option of working in the field, in the laboratory or combining both, getting the best of both worlds. The opportunities for travel are unparalleled amongst the scientific professions. Furthermore, the use of modern scientific equipment by geologists provides stimulating challenges to those interested in analytical chemistry, geophysics or computers.



History

Bachelor of Arts
Honours Bachelor of Arts
Master of Arts



Historians seek to breathe life into our past with the re-creation of significant historical individuals and events in all of their living details. By studying what people have said and done in the past, you will acquire greater understanding, self-awareness, and wisdom.

Our program has been designed to lead you to an understanding of the historian's craft and of the historical process. Because our classes are relatively small, you will be able to pursue your interests in close collaboration with our faculty. Their research in varied areas of Canadian and world history will stimulate your own study of History.

Careers

As a graduate of Lakehead's History program, you will be prepared to pursue a career in archival work, libraries, government service, historical research and writing, journalism, law, museum work, or teaching at any level. History is studied for it's occupational value as well as for it's intellectual rewards.

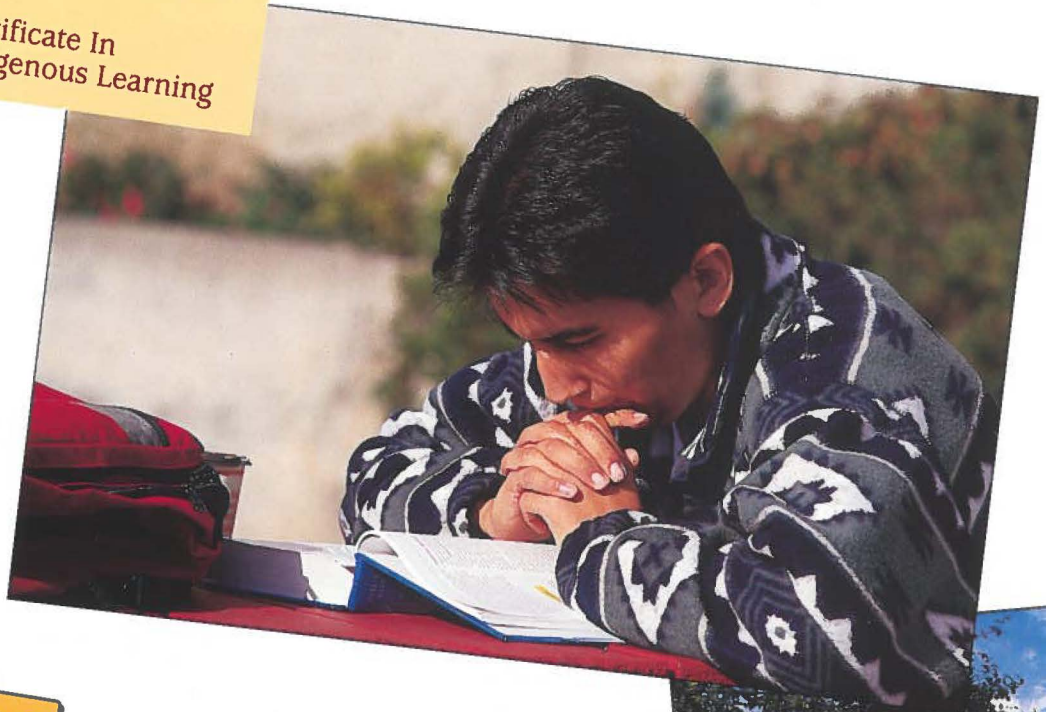
The Department offers a number of combined Honours programs such as English and History, History and Philosopy, and History and Political Science. You may wish to broaden your career options by combining a Bachelor of Arts in Histroy with an Honours degree in Outdoor Recreation, Parks and Tourism.

Indigenous Learning

Bachelor of Arts

Honours Bachelor of Arts

Certificate In Indigenous Learning



This program prepares you to meet the special social and cultural needs of Native communities. It helps to provide you with the skills and knowledge necessary to not only understand and appreciate the circumstances of the First Nations' community but also to become an active participant in the community of First Nations Peoples. As well, the Indigenous Learning Program provides a foundation for both continued academic studies and a broad range of employment opportunities. Indigenous Learning graduates have gone on to become teachers, nurses, community development officers, social workers and perhaps most importantly, community leaders.

Our department of Indigenous Learning subscribes to the concept that a well rounded educational experience for Native peoples is gained through a combination of disciplines and culturally relevant social support programs. As a responsive university aware of its unique regional role and roots, Lakehead is committed to developing cross-cultural interdisciplinary academic programs committed to understanding how the world is viewed by Native Peoples.

Bachelor of Arts Degree/ Honours Bachelor of Arts Degrees

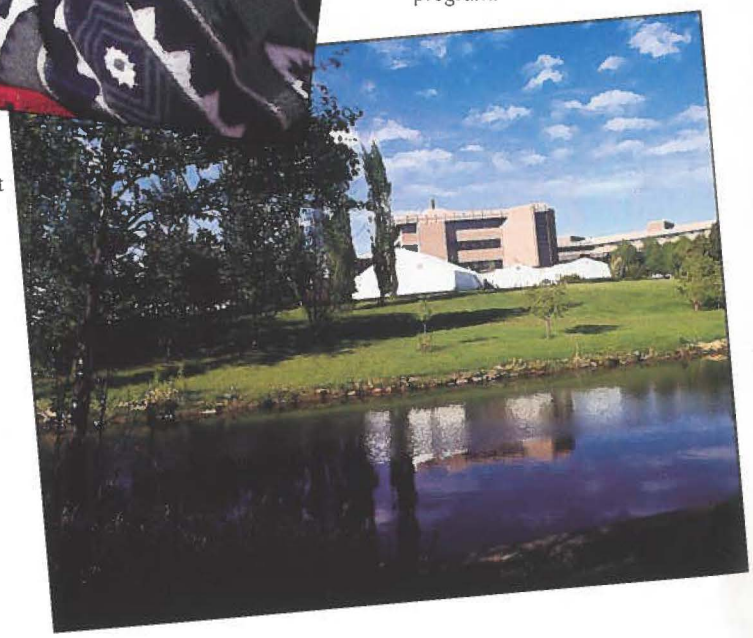
The three and four year degree programs provide you with a wide ranging, interdisciplinary understanding of Native Peoples and the Native Community. You will gain a greater awareness of the experience of Native Peoples and also acquire the analytical skills necessary in today's society. Opportunity is available to develop specialized research interests.

Native Access Program

At Lakehead University, we are committed to promoting opportunities through education for Ontario's and Canada's Native people.

This program is designed to encourage you as a Native person, to pursue a university education in an academically, socially and culturally supportive environment.

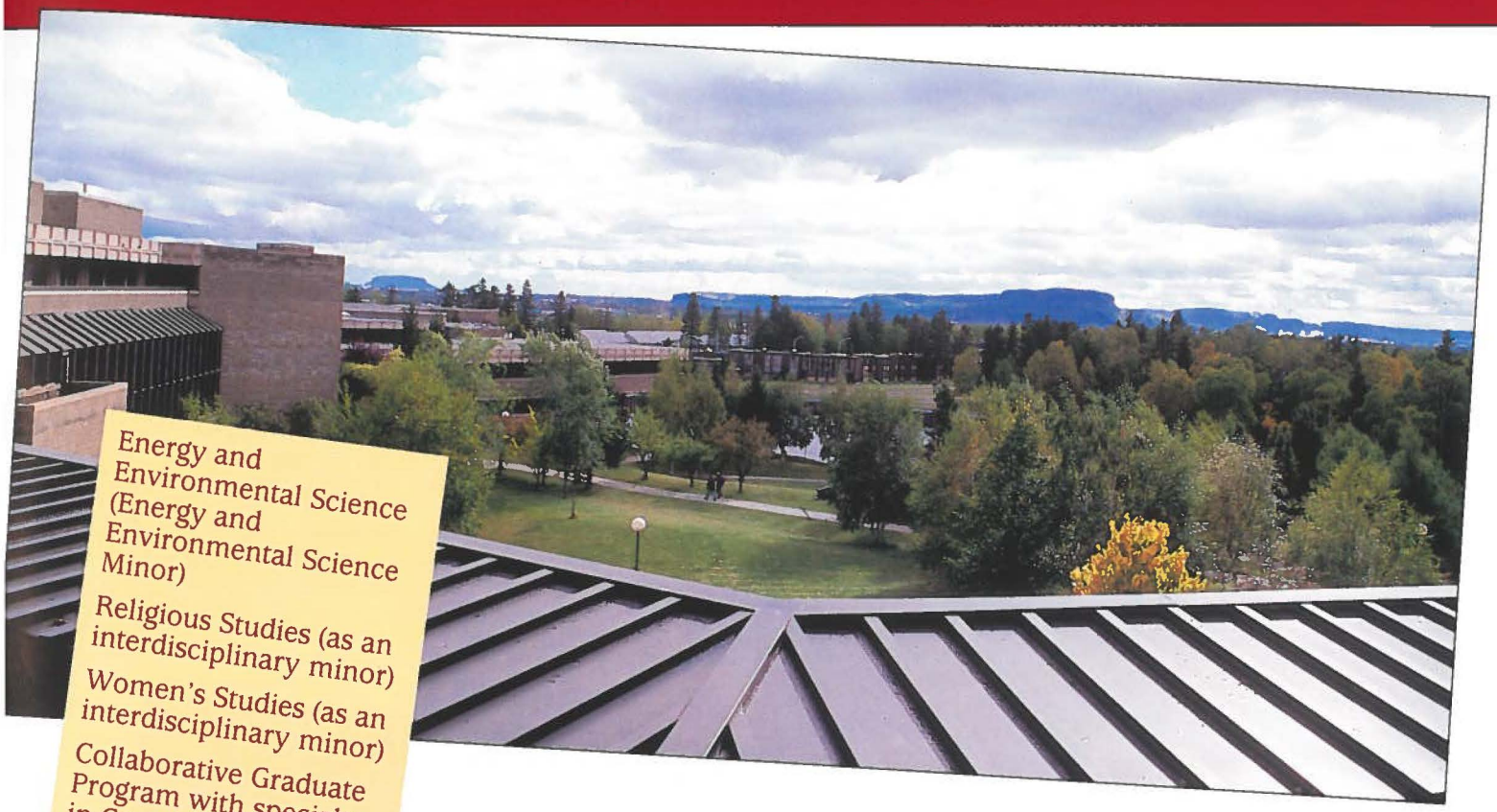
The program is structured to provide academic skills and special preparation to enable you to undertake university degree programs. Academic programming is offered along with tutoring, academic counselling and a support network to provide you with an atmosphere conducive to successful completion of your degree program.



Certificate in Indigenous Learning

The Certificate Program is intended to offer you a well rounded introduction to the experience of Native Peoples. It is specifically directed at students who wish to acquire background knowledge of the First Nations.

Interdisciplinary Studies



- Energy and Environmental Science (Energy and Environmental Science Minor)
- Religious Studies (as an interdisciplinary minor)
- Women's Studies (as an interdisciplinary minor)
- Collaborative Graduate Program with specialty in Gerontology
- Northern Studies Minor

Lakehead offers you the opportunity to pursue a discipline in combination with another special area of interest. These programs provide you with perspective and knowledge in complimentary areas of study.

Religious Studies

Our Religious Studies program is designed to create a greater understanding of different religions. It is a program which examines the origin and theory and calls upon the resources of many disciplines in the humanities and social sciences. In order to deepen and broaden your understanding of religion, courses in textual analysis and other methods of study will be offered. Different descriptions and explanations of religious phenomena, and critical appraisal of different kinds of arguments and modes of comprehension enable you to develop an awareness of your own and other's viewpoints.

If you are a student majoring in another subject - visual arts, history, music, philosophy, literature and languages, anthropology, sociology, psychology - which draws heavily on the religious traditions of the past and whose disciplines are intertwined with religion, you will find this program a valuable help to your field of study. Those of you who intend to be ministers and religious directors or counsellors will also benefit from this carefully structured program.

Energy and Environmental Science

What forms of energy will we be using 10 or 20 years from now? Will we replace the fossil fuels that pollute our planet and lead to global warming? What is the future of solar derived energies such as photovoltaics, wind power and biomass? When will nuclear fusion replace nuclear fission? How can energy be conserved while improving our lifestyle and environment? What are the ecological consequences of our lifestyle?

These are a few of the questions that will be explored in the interdisciplinary Energy and Environmental Science programs at Lakehead University. As a student enrolled in the minor, the interdisciplinary program or double major program, you will have the opportunity to study energy conservation, environmental biology, solar derived energies, nuclear energies, and combustion chemistry.

A co-op option is available with the honours physics program.

As a Lakehead University graduate with scientific training in energy and environmental problems, you will be better qualified for a job with government agencies or companies who are working to improve the environment

Women's Studies

The Women's Studies program at Lakehead University is dedicated to furthering an understanding of the importance of gender as a category of analysis in scholarly inquiry. Through interdisciplinary instruction students will critically assess the relevance of existing models of knowledge in reflecting women's experience and scholarship. The aim of the program is to encourage the development and integration of feminist teaching, learning, and research within the university community and the community at large.

Gerontology

This program will provide an in-depth examination of the aging process. The goals of the program are to provide you with an understanding of the aging process in older adults and offer an analysis of gerontology issues at individual societal levels.

Northern Studies

The minor in Northern Studies focuses on issues that are peculiar to a northern environment. Topics may include physical science, political science, sociology, economics, social work, etc.

Kinesiology

Honours Bachelor of Kinesiology

Master of Arts (Applied Sport Science and Coaching)

Master of Science (Applied Sport Science and Coaching)

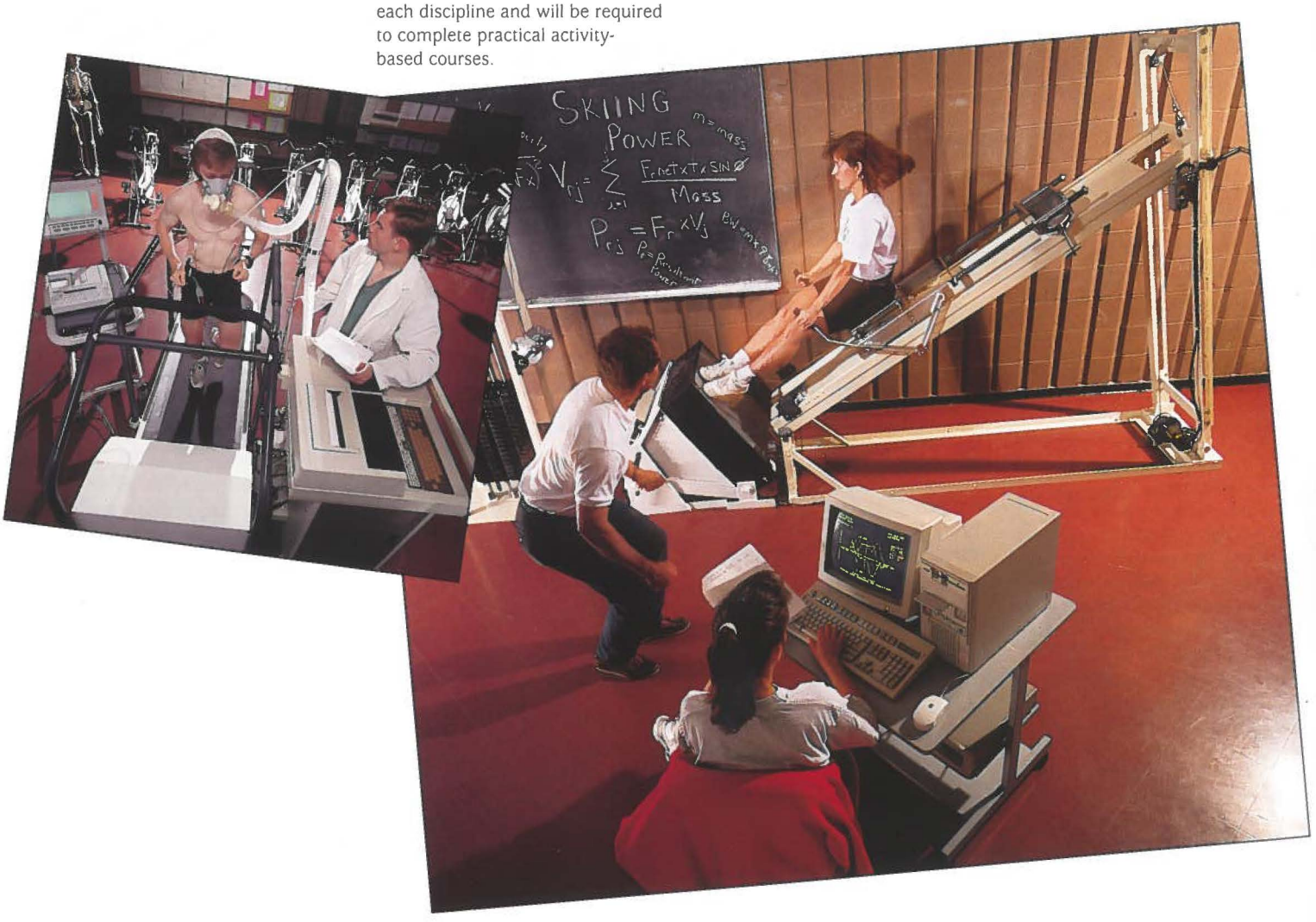
Careers

As a Kinesiology student you will cover a broad base of multi-disciplinary fields of study including: physiology, biomechanics, psychomotor, sociocultural, sports administration, sports medicine, adapted physical activity, lifestyle management and nutrition. In fourth year you will have the option of pursuing a research project in a selected area of kinesiology under the supervision of a faculty member. In preparation for this research project you will take courses in statistics and research processes. You may select electives in addition to required courses in each discipline and will be required to complete practical activity-based courses.

As a graduate from the program there are a variety of career options available. If, as a graduate, you plan to teach, you may apply for admission to Lakehead's Bachelor of Education program. For teaching, you are encouraged to develop a strong minor area of study.

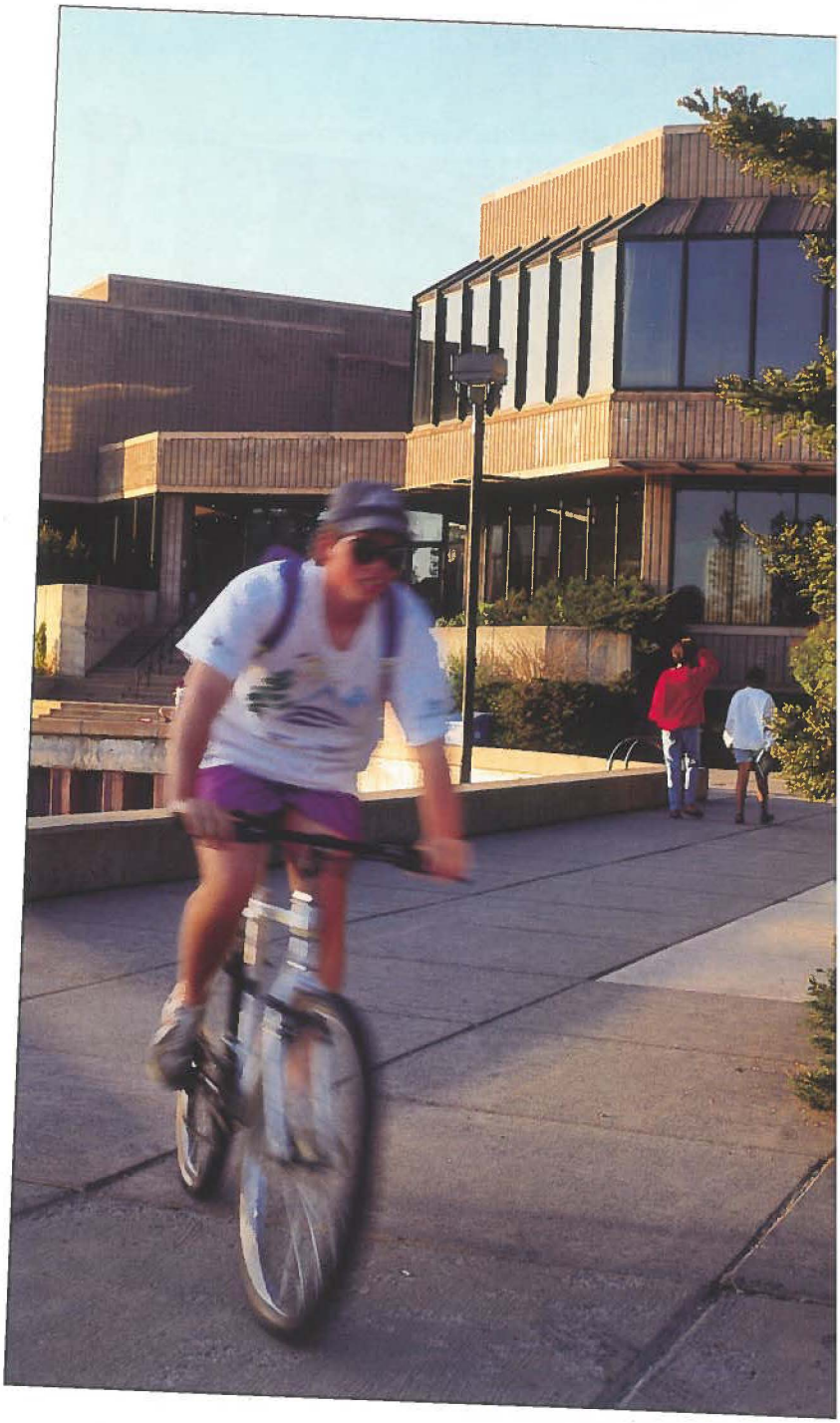
In addition to teaching, some other career opportunities include: management and administration of sports facilities, recreation complexes and training centres; exercise therapy and prescription; fitness consultation for teams and other organizations; programming physical activity for older adults and people with disabilities; and marketing and selling athletic and exercise equipment.

As a Kinesiology graduate you may also pursue graduate studies in a variety of disciplines within the Master of Applied Sport Science and Coaching at Lakehead or other graduate programs in Kinesiology and Physical Education. As well, the Honours Bachelor of Kinesiology provides a strong multidisciplinary core of study which enables you to continue on to other fields including medicine and both occupational therapy and physiotherapy.



Languages

- Bachelor of Arts
- Honours Bachelor of Arts
- Certificate of French Proficiency
- Certificate in Algonquian Language Studies



A knowledge of other languages is essential to both the people of Canada and the rest of the world. Every year the world becomes smaller as the economic and cultural ties linking one country with another develop and strengthen. In Canada itself, the ability to communicate well in French is increasingly necessary in more and more professions.

Our Department of Languages reflects these realities by offering a major program of study in French which can be combined with a minor specialization in either Finnish, German, Classics, Spanish or Native languages.

In Northern Ontario, Native Languages are receiving increased attention. A Native Language Minor Program is available in Native Language Studies, Algonquian as a First Language, Ojibwe as a Second Language and Cree as a Second Language. If you are fluent in Algonquian, you may want to take advantage of the opportunity to further your knowledge of the language by completing the Certificate in Algonquian Language Studies.

Our department also offers courses leading to a Certificate of French Proficiency at the Basic, Intermediate and Advanced levels and a Certificate in Algonquian Language Studies.

All the members of our department have had lengthy experience living where the languages they teach are spoken. We know that language and culture are interdependent. We, therefore, believe strongly that a period of residence in Quebec or in Europe is the best way for a student to develop excellence. We have had immersion programs in both Canada and in Europe. We also have an exchange program with France.

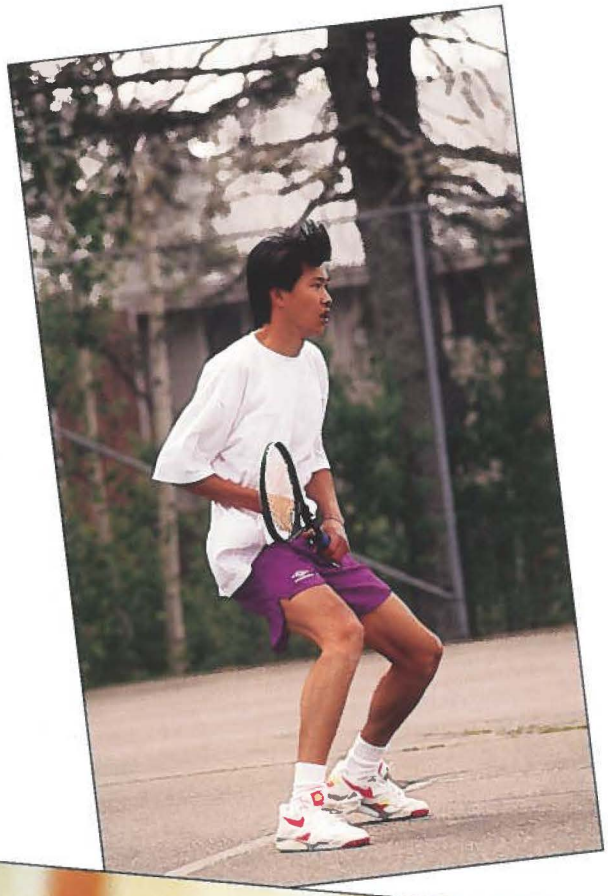
Our department is one of the best equipped in Canada. We have a state-of-the-art language lab, two satellite television systems bringing live programming daily from Europe, an individual study lab as well as a full range of viedotapes, slides, films, and computers. We are sure that our relatively small classes and excellent student-faculty rapport are not just a luxury, they are crucial to successful language learning.

Careers

In our department you may specialize in one or more languages or simply acquire a skill which will be useful to you professionally. The fields you can enter are endless – teaching, government, business, engineering, forestry, nursing, tourism, trade, and translation – students come to our department from every field because there is virtually no career or profession in which an ability in another language is not either an advantage or essential.

Library and Information Studies

Library and Information Studies Diploma





Almost everyone has used a library at one time or another, sometimes to gather information and other times simply to borrow a book for leisure reading. To acquire these materials, to organize them and then make them available to the public requires people with enthusiasm, an ability to work accurately and a desire to serve the public. The Library and Information Technician, usually working under the direction of a Librarian, is trained to work as a part of a team in accomplishing these tasks.

The program of studies for a Library and Information Technician will take you two years to complete. It is made up equally of practical library-related courses and broader courses from the fields of arts and business administration. In addition, you will spend five weeks working in different types of libraries and information fields to obtain direct practical experience. Emphasis is placed throughout the program on the use of the computer in handling library routines.

If you already hold a BA degree, you may obtain Library Technician status by completing the program requirements.

Upon completion of the two year diploma program, you may complete a BA (General Program) with one further year of study.

Careers

Employment opportunities exist in: Traditional areas:

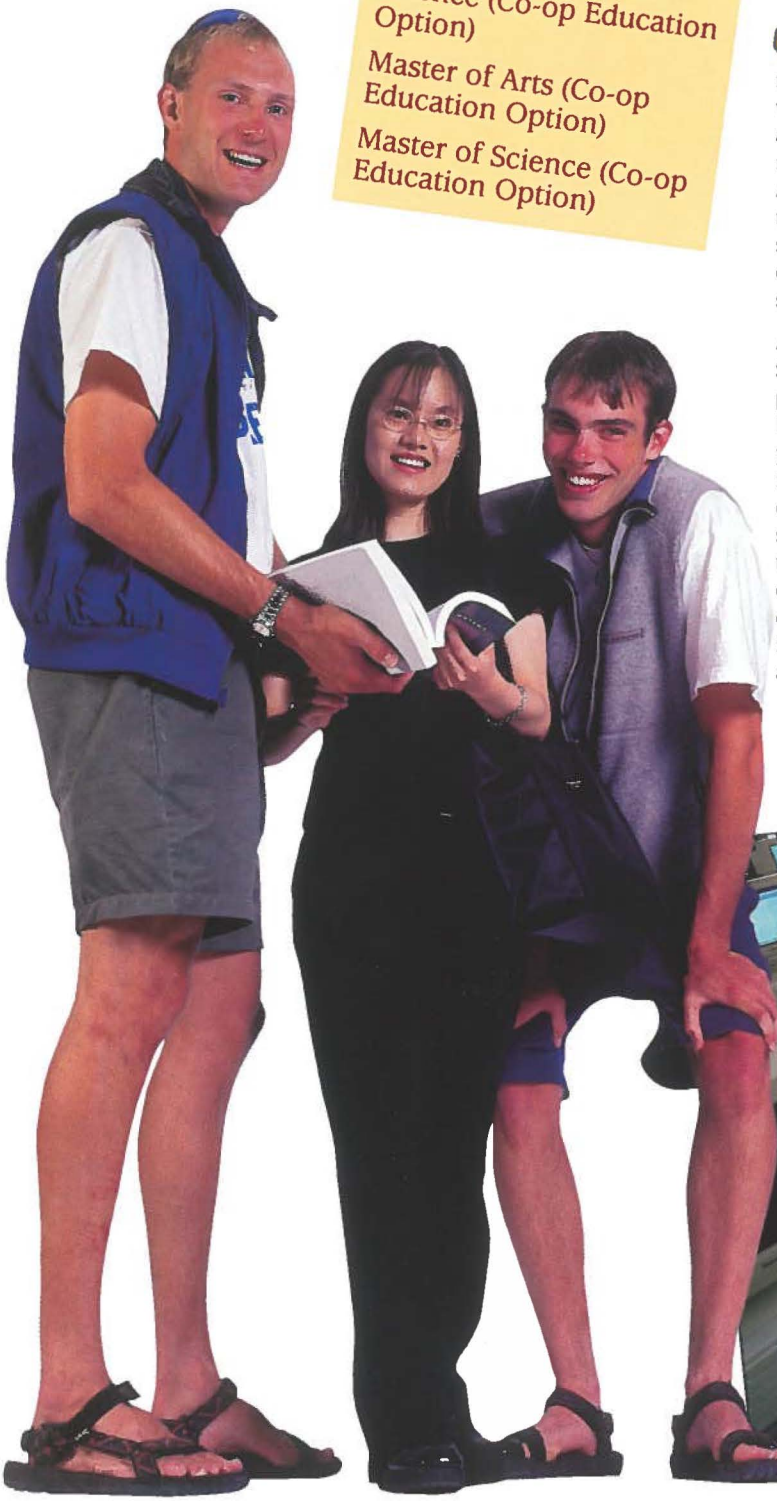
- academic libraries (college and university)
- public libraries
- school libraries
- special libraries (corporate, business, government, church, law, hospital, museum, art galleries etc.)

Non-traditional areas:

- market research
- electronic publishing
- electronic reference
- consulting services
- records/archives management
- library system vendors
- web page design

Mathematics & Computer Science

- Bachelor of Arts
- Honours Bachelor of Arts
- Bachelor of Science (Co-op Education Option)
- Honours Bachelor of Science (Co-op Education Option)
- Master of Arts (Co-op Education Option)
- Master of Science (Co-op Education Option)



In the last decade, careers which use mathematics have become very diversified, encompassing not only teachers and researchers but also those who work in fields such as statistics, actuarial science, operations research and computer science. At Lakehead you will get a broad training with the opportunity to specialize in pure mathematics, computer science or actuarial science and statistics.

As a student in our Computer Science - Co-operative Education program or in our Mathematics Internship and Apprenticeship programs, you will be able to incorporate practical work experience into your course of studies. Lakehead is very fortunate to have one of the most modern computer installations in the country, emphasizing hands-on interactive computing with easy access.

Actuarial science is not as widely known as computer science. This specialization is a unique blend of mathematics (mostly statistics) and business. At Lakehead, we have a four-year program emphasizing actuarial science, and the Society of Actuaries examinations can be written here. Actuaries specialize in the evaluation of risk, and the design of insurance and pension programs. Statisticians specialize in the collection, processing and interpretation of data. Exceptional opportunities for an interesting career are possible.

Careers

Graduates of our programs are in demand for a variety of occupations.

You may choose to pursue a career as a computer scientist, an actuary, educator, or in business, industry, or government service. Recently there has been a particularly high demand for our computer science graduates.



Music

Honours Bachelor of Music

Honours Bachelor of Arts (Music)

Honours Bachelor of Arts (Music)/Diploma in Arts Administration



Our Department of Music is located in the William H. Buset Centre for Music and Visual Arts, which is conveniently located on the University's main campus. The Centre includes a music library, rehearsal hall, practice rooms, a classroom and seminar room, teaching studios, an electronic music studio and faculty offices.

As a Music student at Lakehead, you will have the opportunity to develop your performance skills and to deepen your awareness and understanding of music theory and history. Top quality instruction is available on any of the orchestral instruments and in saxophone, classical guitar, piano, organ and voice. Courses in conducting, aural skills, composition, and orchestration, participation in large and small ensembles, plus elective courses like opera history and Canadian music will complete your study of music as an intellectual discipline, and as a creative and performing art.

Three programs of study are offered:

1 Our four-year Honours Bachelor of Music program will provide you with a comprehensive background in all aspects of music theory, history and performance. The program is designed to prepare you to pursue graduate work or to enter the work force as a professional musician.

2 Our Honours Bachelor of Arts (Music) program, while offering a wide range of courses in music, also allows you to take a number of non-music electives. If you are interested in pursuing a career in music education, this program has been designed especially for you. Upon completion of your HBA, you may further prepare yourself for this goal by pursuing our one-year consecutive Bachelor of Education degree.

3 Our Honours Bachelor of Arts (Music)/Diploma in Arts Administration program is offered jointly with Confederation College. This program is designed to prepare musicians to pursue careers in the rapidly-expanding field of arts administration. The program can be completed in four years with field placements after the second and third or fourth years. As a student of this program you will be registered at both Lakehead University and Confederation College throughout your four years of study.

To be a Lakehead University Music student means you will be a member of a close-knit community with the opportunity to be involved in concerts, master classes, lectures and workshops.

Careers

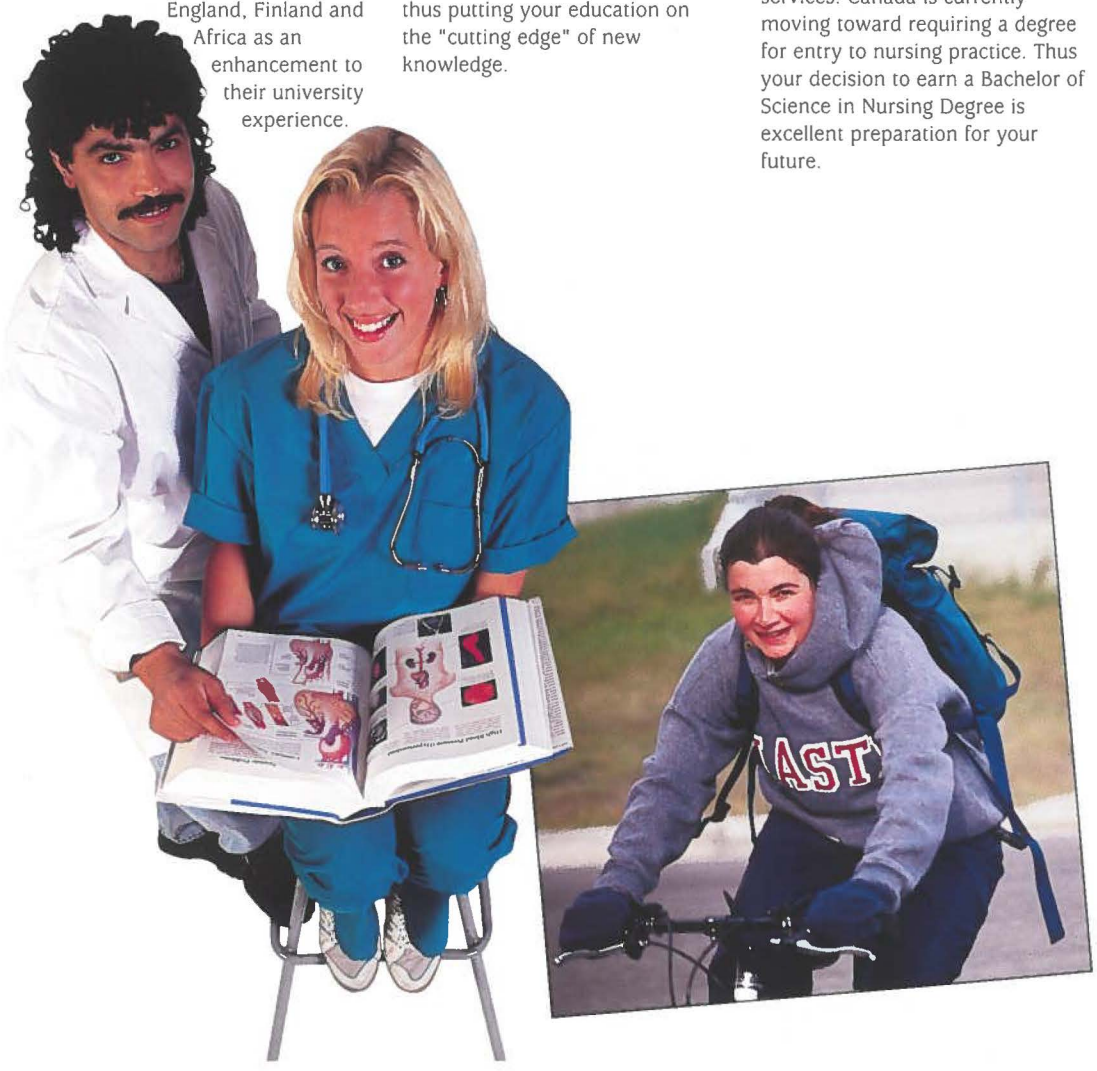
As a graduate of the Department of Music, you will have a wide variety of professional activities to choose from. You may engage in performing, private teaching or arts administration, complete an education degree to teach in the schools, or pursue graduate work in areas like musicology, sound recording, library studies, performance, or composition.

Nursing

Bachelor of Science in Nursing

During your four years in the Bachelor of Science in Nursing Program you will learn to apply a broad range of concepts from sciences and liberal arts when caring for clients of all age groups. Maximizing health through use of communication and interpersonal skills, and health promotion and health protection strategies, you will become a member of a health care team designed to meet the needs of society in the future. As a unique part of the program, successful students in year four can arrange clinical experiences throughout the world. In the past, students have chosen to travel to such places as Thailand, Bermuda, England, Finland and Africa as an enhancement to their university experience.

We currently have 13 full-time faculty and 14 clinical assistants who are involved in a variety of community education projects. Because a university is involved in the pursuit and dissemination of knowledge, faculty are also involved in various research projects: the aging process (gerontology), female health, AIDS, Aboriginal health, oncology, cardiology disease, long term care, leadership, mental health, community health, work-load and staff patterns, and pulmonary disease, just to name a few. Research contributes to nursing knowledge and is a key responsibility of university faculty. Faculty bring examples of their research into the classroom, thus putting your education on the "cutting edge" of new knowledge.



Careers

Careers in nursing are becoming more varied and exciting as the health care system changes and new opportunities arise. With the increasing need for professionals skilled in primary health care and community-based practice, a baccalaureate degree in nursing will prepare you for a variety of employment opportunities. Our graduates work in community centres, clinics, hospitals, insurance agencies, nursing homes, VON, children's treatment centres, and occupational health centres; on health care management teams; and with air and land ambulance services. Canada is currently moving toward requiring a degree for entry to nursing practice. Thus your decision to earn a Bachelor of Science in Nursing Degree is excellent preparation for your future.

Student Voices

Reputation

What first attracted me to Lakehead was the reputation of their Nursing program. I'm glad to say that reputation held true. The friendly and casual campus is a warm welcome. Our small classes make learning easier and increase personal contact with the professors.

Susan Osborne

Choices

Fourth year has proven to be by far the most exciting. With the freedom to select my own learning opportunity, I was able to explore an area that is not commonly characteristic of nursing. I had a placement at the Ottawa-Carleton Prison Health Care Services. This experience was unique in that it provided for an unconventional learning opportunity, in a setting reserved for some of Canada's most hardened criminals. By breaking away from the traditional hospital setting I was able to grasp a much greater understanding of the broad scope of nursing available to new grads.

"Snuffy" Magee

Skills and Experience

Lakehead University has provided me with many opportunities to learn the skills I'll need to be successful in my nursing career. To date I've completed a minor in gerontology and my placements have focussed on psychogeriatrics, medical day care, and palliative care in a local hospital unit.

Susan Danielle Trivett

Flexibility

The School of Nursing is head and shoulders above other nursing schools in Canada. The early exposure to clinical, the community-based nursing approach, their flexibility - it all works together to make a better degree nurse. I graduated in 1993 and my supervisors comment on my strong clinical knowledge. I've been offered a scholarship to do graduate work and I know that my education at Lakehead and my two years experience will make a difference.

Rosemary Wilson

Outdoor Recreation-Parks & Tourism

Honours Bachelor of Outdoor Recreation

(HBOR/BA Geography)

(HBOR/BA History)

(HBOR/BSc Natural Science)

Certificate in Tourism and Recreation Resources



Centrally located and surrounded by numerous accessible lakes, rivers and other picturesque natural features, Lakehead University's School of Outdoor Recreation, Parks and Tourism program is the only one of its kind in Canada. Offering a unique integration of both theoretical and applied perspectives, the program is extremely popular, and demands a significant level of commitment in addition to high standards of academic excellence.

The school offers a wide variety of professional preparation courses which emphasize the study of recreational activities and leisure pursuits related to and dependent upon the natural environment. Building upon a common base of courses, you can select electives from a variety of alternatives, including advanced study in the outdoor recreation, parks and tourism streams, or options from other subject areas. Another special aspect of our program is the opportunity it provides for you to enroll in a double degree program combining Outdoor Recreation, Parks and Tourism with either Arts (Geography or History) or Science (Natural Science). A certificate in Tourism and Recreation Resources Management is also available.

With a rapidly growing research program, our school strives to be in the forefront of development in the field while continuing to maintain a commitment to program refinement and delivery. Combining historical and contemporary factors with highly technological elements such as modern equipment, computers, geographic information systems, multimedia and video, our program is aimed at preparing you for future endeavours in a broad, complex, challenging and rapidly changing field.

Careers

As a graduate of the School of Outdoor Recreation, Parks and Tourism, a wide spectrum of career opportunities are available in both the private and public sectors, in a variety of geographic and professional areas. Potential employers include the federal, provincial and municipal levels of government, as well as national, provincial and regional parks. Some graduates opt for positions in private and public recreation organizations including agencies dealing with adventure and outdoor skills, as well as youth, elderly, and mentally and physically challenged groups. Others choose to work for educational institutions and environmental groups. There are also numerous opportunities for the development of independent business operations. In addition, you may elect to pursue further studies in a number of disciplines.

Philosophy

Bachelor of Arts
Honours Bachelor of Arts
Master of Arts

The first university in the Western world, Plato's Academy, was created two thousand years ago as a place to study philosophy.

Philosophy grapples with questions which are at the very foundation of other disciplines. While all university disciplines are devoted to the pursuit of knowledge, philosophy addresses questions concerning the nature of knowledge itself. While the university is organized into faculties of Arts and Science, philosophy asks, "What is art? What is science?"

Why study philosophy? One answer was offered long ago by the Greek philosopher Aristotle (383-321 B.C.) who suggested it is simply human to do so. Questions concerning the nature of truth, reality, value and justice are the sort of questions that occur inevitably to human beings. Philosophy is the search for rational answers to them. Perhaps the most important question that human beings can ask themselves is a philosophical one: "How are we to live our lives?

Philosophy, with its emphasis on reasoning skills, argument and debate, is a useful part of an undergraduate program leading to professions in law, journalism, business or education. Many philosophy students combine their studies in philosophy with that of other disciplines such as English, history, religious studies, and psychology or political studies.

Occupational Ethics

Students concerned with ethical issues in business, biomedical or the environment can combine the Occupational Ethics program with their regular major or honours program. Lakehead is one of the few universities in Canada to offer a Minor in Occupational Ethics.

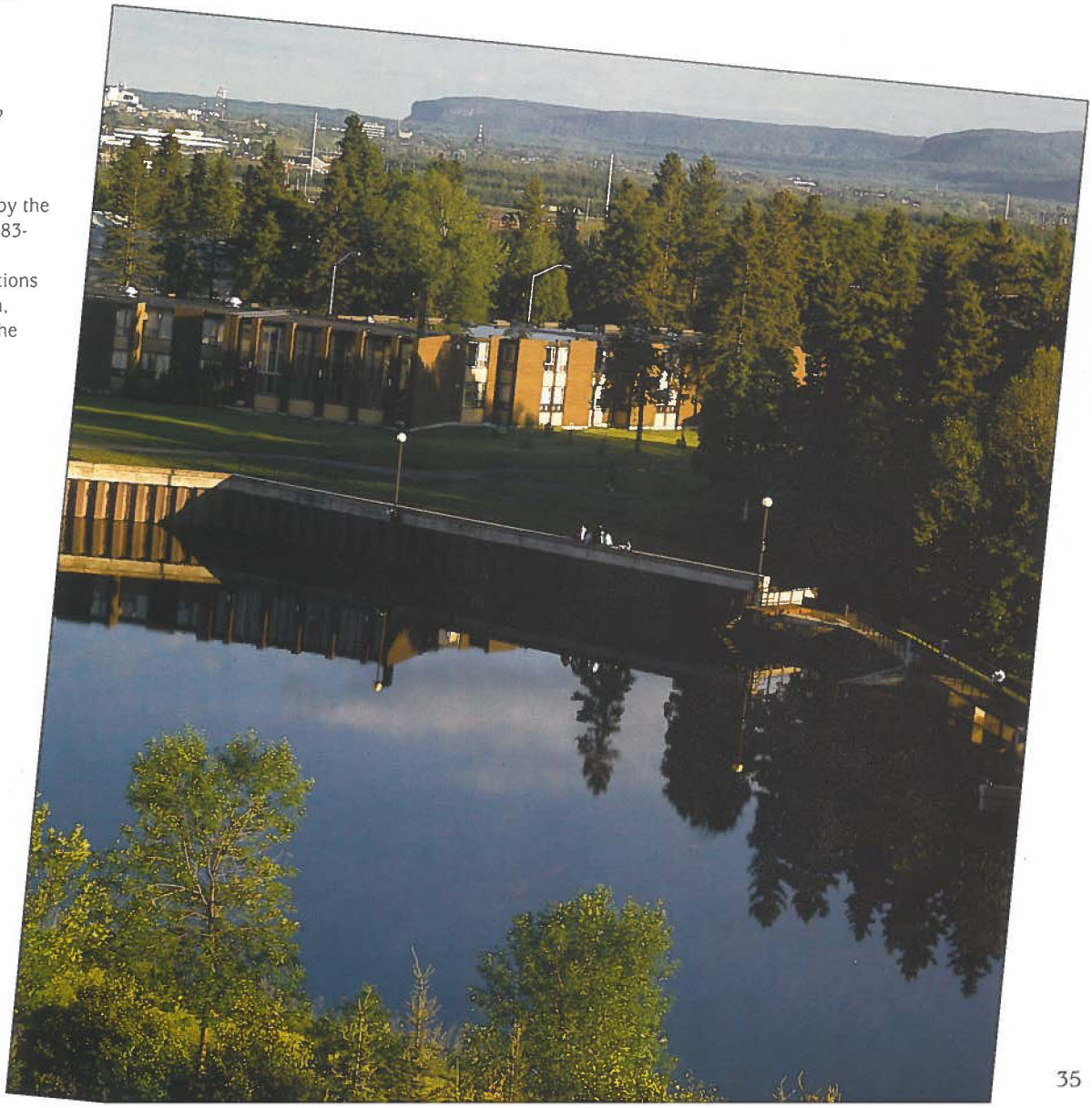
Native Philosophy

The Lakehead University Native Philosophy Project is a cross-cultural interdisciplinary research program committed to understanding the ideas and philosophies of North American Aboriginal peoples from their own point of view.

Careers

In 1985, the U.S. Department of Education compared graduate program admission test scores (LSAT, GMAT, GRE). They found the best results were achieved by math students followed by philosophy and engineering students.

The study found that students who major in fields characterized by formal thought, abstract models, symbolic languages, and deductive reasoning, develop reasoning and problem-solving skills suitable for application to many career options.

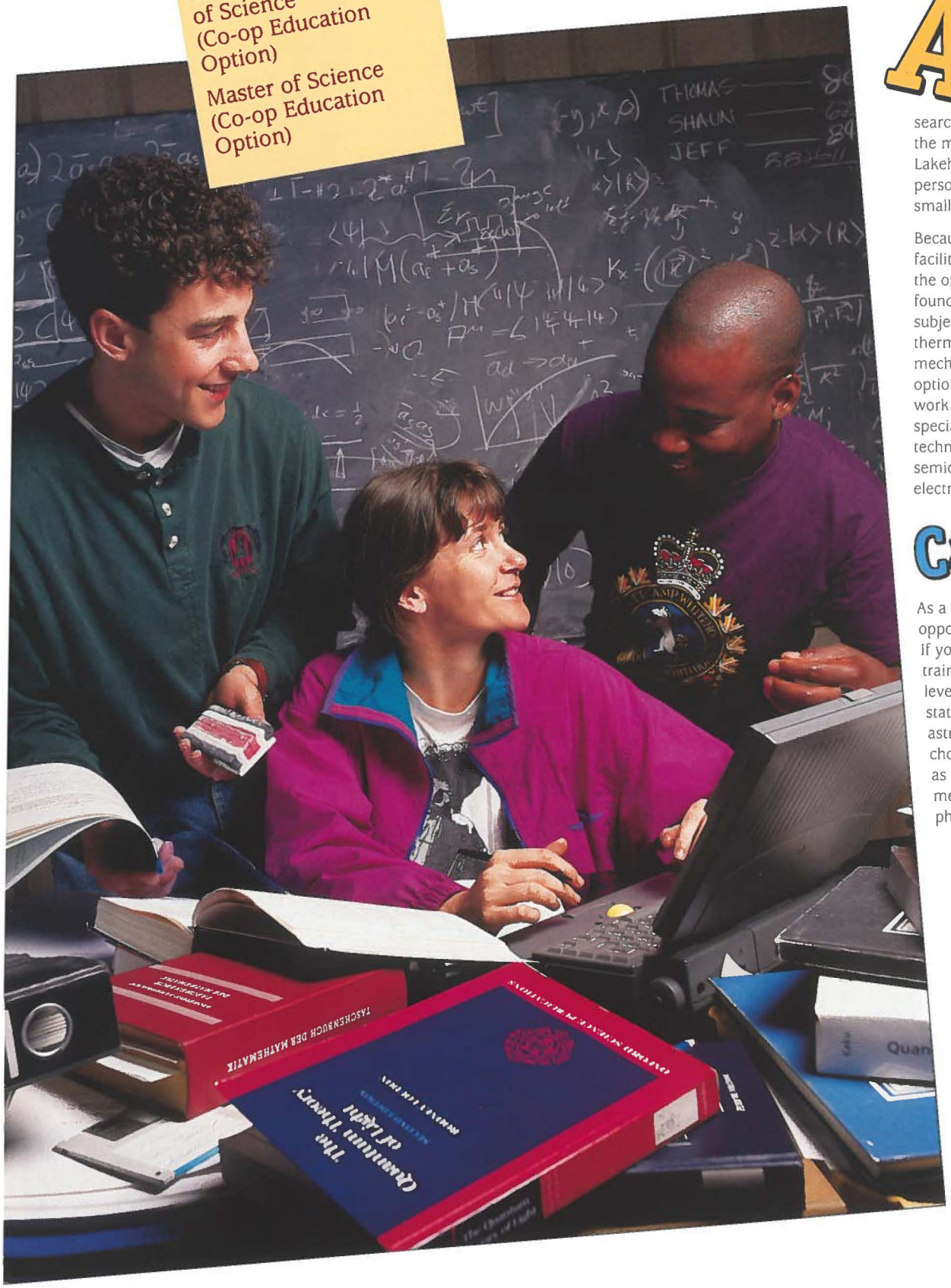


Physics

Bachelor of Science

Honours Bachelor of Science (Co-op Education Option)

Master of Science (Co-op Education Option)



As a Physics major at Lakehead University, you will study the laws and properties of nature and search for the answers to some of the mysteries of our universe. At Lakehead, you will enjoy the personalized attention that our small department can give you.

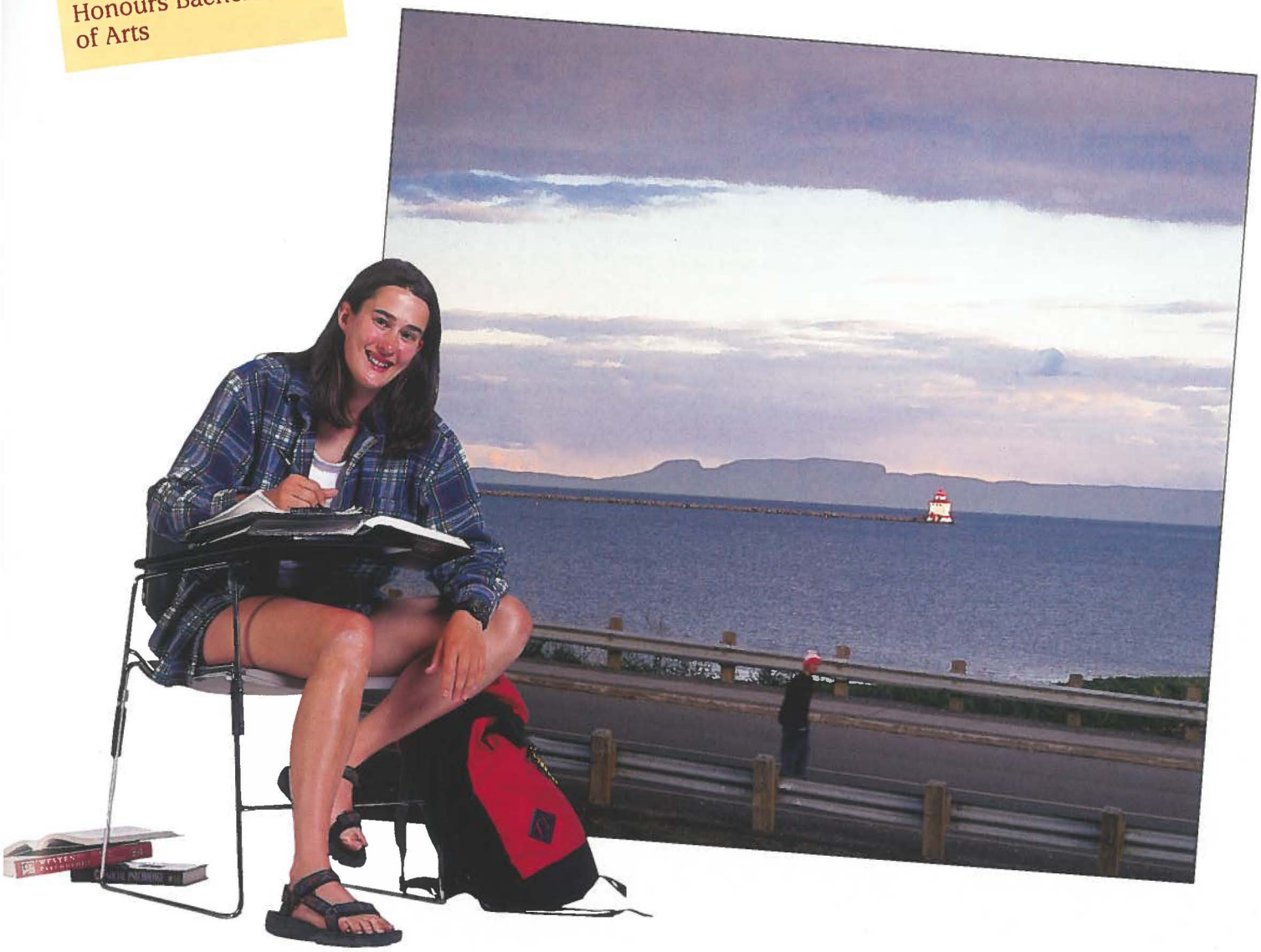
Because access to equipment and facilities is excellent, you will have the opportunity to gain a solid foundation of knowledge in subjects such as electricity, optics, thermodynamics and quantum mechanics. In the co-operative option, your program will include work terms with industries that specialize in physics based technologies such as semiconductors and opto-electronics.

Careers

As a graduate, you will have many opportunities to apply your skills. If you choose to continue your training beyond the Bachelor's level, you may specialize in solid state physics, nuclear physics, astronomy, etc., or you may choose shared disciplines such as geophysics, biophysics, medical physics or atmospheric physics, to name a few.

Political Science

Bachelor of Arts
Honours Bachelor of Arts



As a Political Science student, you will gain a thorough understanding of governments and political systems. You will learn about the various aspects of Canadian politics such as the federal system, voting behaviour, political parties and pressure groups.

You will also discover the field of public administration, which is to government what management training is to business. It is relevant to employment, not only in government, but also in health, human service or other agencies serving the public.

Our program covers the field of comparative politics and public policy, which provides you with an opportunity to learn about political systems in Europe, America, the Third World, Asia, and communist areas. We also offer courses in the field of international relations, Canadian foreign policy, and the international role of states with advanced military capability and abundant economic resources.

You will also explore the field of political theory. These courses are concerned with the various benefits that we seek through political organization, such as freedom, well-being, equality, and justice and with the competing theories of how best to achieve and safeguard them.

We are living at a time when the face of world politics is constantly changing. As a special area of interest, our department offers you the opportunity to focus on this topic by pursuing a minor in International Politics as part of your program.

Careers

A degree in Political Science opens the door to careers in law and all levels of government. An understanding of corporate-government relations is increasingly recognized as essential for those contemplating careers in business. Analytical skills, essential to political studies, are among the most important in today's ever-changing workplace.

Psychology

- Bachelor of Arts
- Honours Bachelor of Arts
- Bachelor of Science
- Honours Bachelor of Science
- Master of Arts
- PhD-Clinical Psychology

Psychology refers to both the science and profession concerned with understanding and influencing the thoughts, feelings, emotions, and behaviour of individuals.

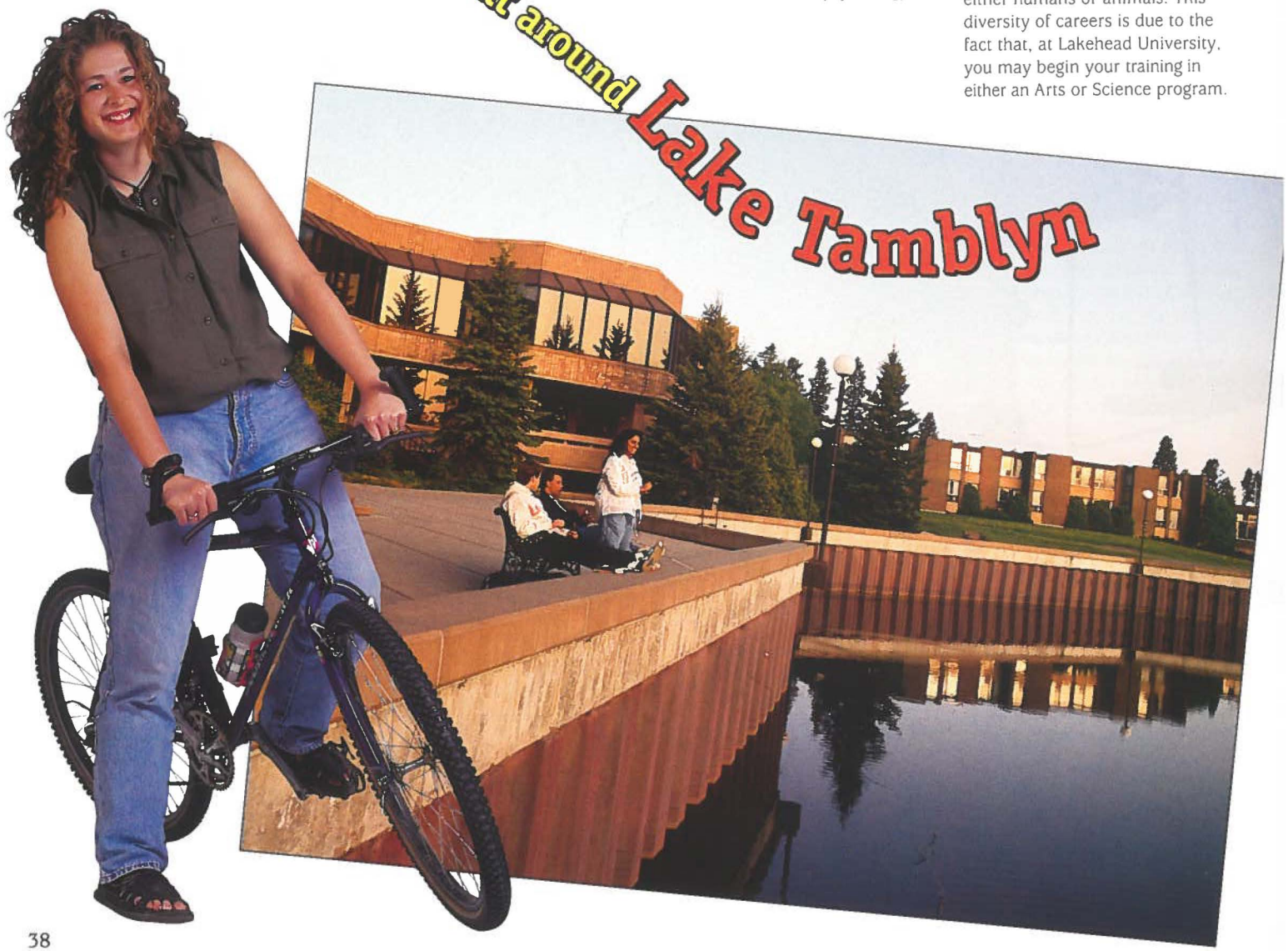
What virtually all psychologists have in common is that, through their work, whatever it may be, they hope to make a positive contribution to human welfare. Studying psychology at Lakehead University should prove to be a beneficial and satisfying experience. The more you know and understand about thinking, feeling and behaving, the better you will be able to appreciate and cope with the complex world in which we live.

Our department has introduced a curriculum which incorporates core areas of study. You are invited to explore the areas of biological, cognitive-affective behaviour, individual and social psychology.

Careers

Careers in psychology are many and varied. As a psychologist, you may work in a mental health clinic, and spend most of your time interpreting psychological tests and doing psychotherapy with people. Or, having been trained both as a scientist and a practitioner, you may work for a management firm, consulting with clients on executive selection, organization, development, or career path planning. If you have been trained as a scientist, you may spend most of your working time in a research laboratory doing research with either humans or animals. This diversity of careers is due to the fact that, at Lakehead University, you may begin your training in either an Arts or Science program.

The campus is built around Lake Tamblyn



Social Work

Honours Bachelor of Social Work

Master of Social Work

The Department of Social Work at Lakehead University provides you with an excellent opportunity to enter this challenging helping profession.

Two HBSW programs are offered by our department (accredited by the Canadian Association of Schools of Social Work). Students pursuing the four-year degree, will combine study in the liberal arts with a professional education. Students participate in a research project as part of the program providing opportunities for hands on research and possible future publication. Opportunities are available for students in the four-year HBSW to complete a concurrent minor in another area such as Gerontology, Women's Studies or Indigenous Learning.

If you choose to pursue a Social Work degree after you have already completed another undergraduate degree, and have related practical experience, you may be interested in our 12 month, one-year program which begins each summer.

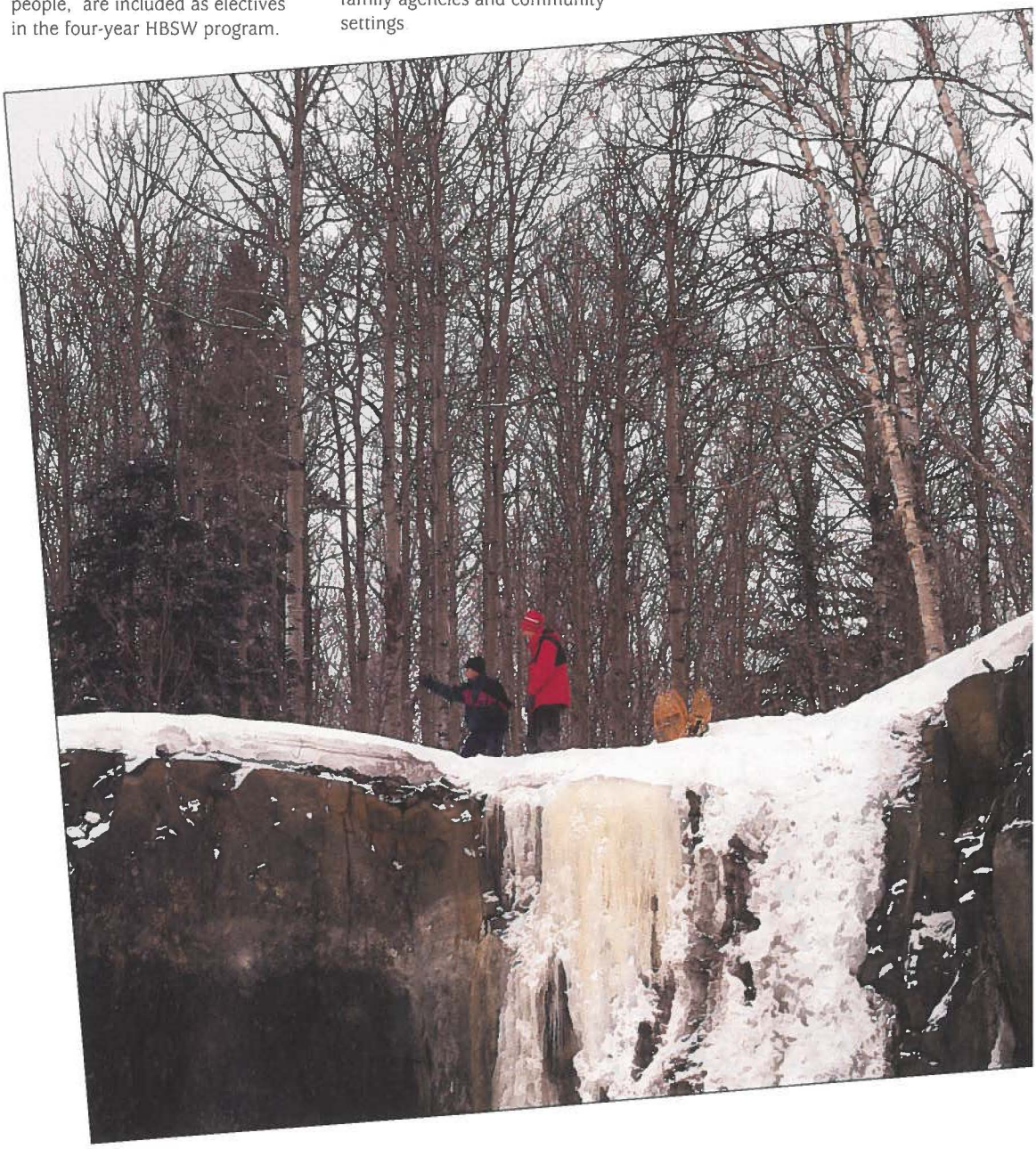
Both programs include field work practicums which provide you with the opportunity to gain practical experience in a supervised human services setting. The setting might be a child welfare agency, a psychiatric or medical hospital, a correctional facility, an elementary or secondary school, or another area depending on your interests and educational needs.

Your studies will include social work theory and practice, communication skills, northern social work, research and social policy. Courses in child welfare, treatment of drug and alcohol abuse, social work with children and families, violence and social work practice, social work practice with older people, feminist perspectives in social work, cross cultural social work, and social work practice and First Nations people, are included as electives in the four-year HBSW program.

Careers

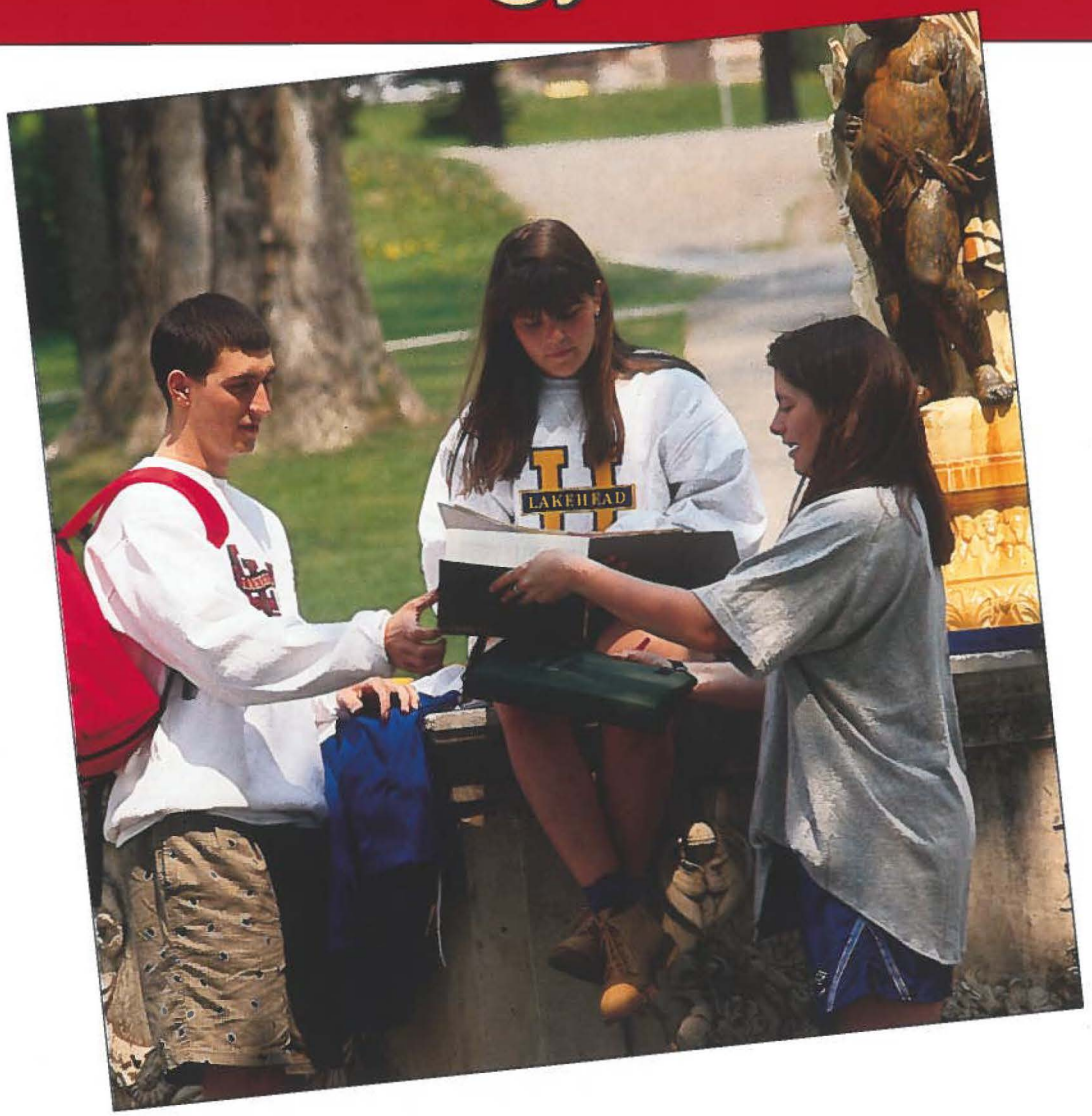
There are various career opportunities open to you as a graduate of the Lakehead University Social Work program. Employment opportunities exist in child and family welfare, mental health agencies, hospitals, youth programs, gerontology, rehabilitation centres, corrections, family agencies and community settings

With the HBSW degree, you are also eligible to undertake graduate studies at the Master's degree level. Attainment of a MSW degree opens the way for enhanced career opportunities such as supervision, research and administration. The MSW is also the basic credential for qualifying to undertake studies at the doctoral level.



Sociology

Bachelor of Arts
Honours Bachelor of Arts
Master of Arts



As a Sociology major at Lakehead University, you will have the opportunity to examine the various social problems of our complex modern world. Problems in health care, crime and delinquency, environmental degradation, schooling, de-industrialization, militarism, and the abuses of power in the relationships between Natives and whites, are just some of the topics analysed in our courses.

You will also be able to study and discuss the ideas and insights of such famous thinkers as Karl Marx, Emile Durkhiem, Max Weber, Michel Foucault and Dorothy Smith with respect to the "human condition". You can master essentials of social research - how to design questionnaires, conduct effective interviews, and carry out meaningful surveys.

A basic social science education provides you with a better understanding of the world around you. Regardless of what you choose to do in your life this knowledge can enhance your ability to achieve personal goals.

Sociology is a popular major for students planning to enter such professions as social work, law, journalism, and even medicine.

For those who wish to pursue Sociology at the Honours or graduate levels, course content will concentrate on Northwestern Ontario. You will study the effects of industrial capitalism on hinterland areas, the difficulties of life in isolated, single-industry communities, and the problems of adjustment for traditional peoples confronted with modern technology and secularization.

Careers

A variety of challenging job opportunities awaits you after graduation. Besides teaching and career counselling, government jobs might include urban/regional planner, affirmative action worker, human rights officer and personnel coordinator. Sociology graduates have found employment in correctional services as court workers, parole and probation officers, criminal investigators and rehabilitation counsellors.

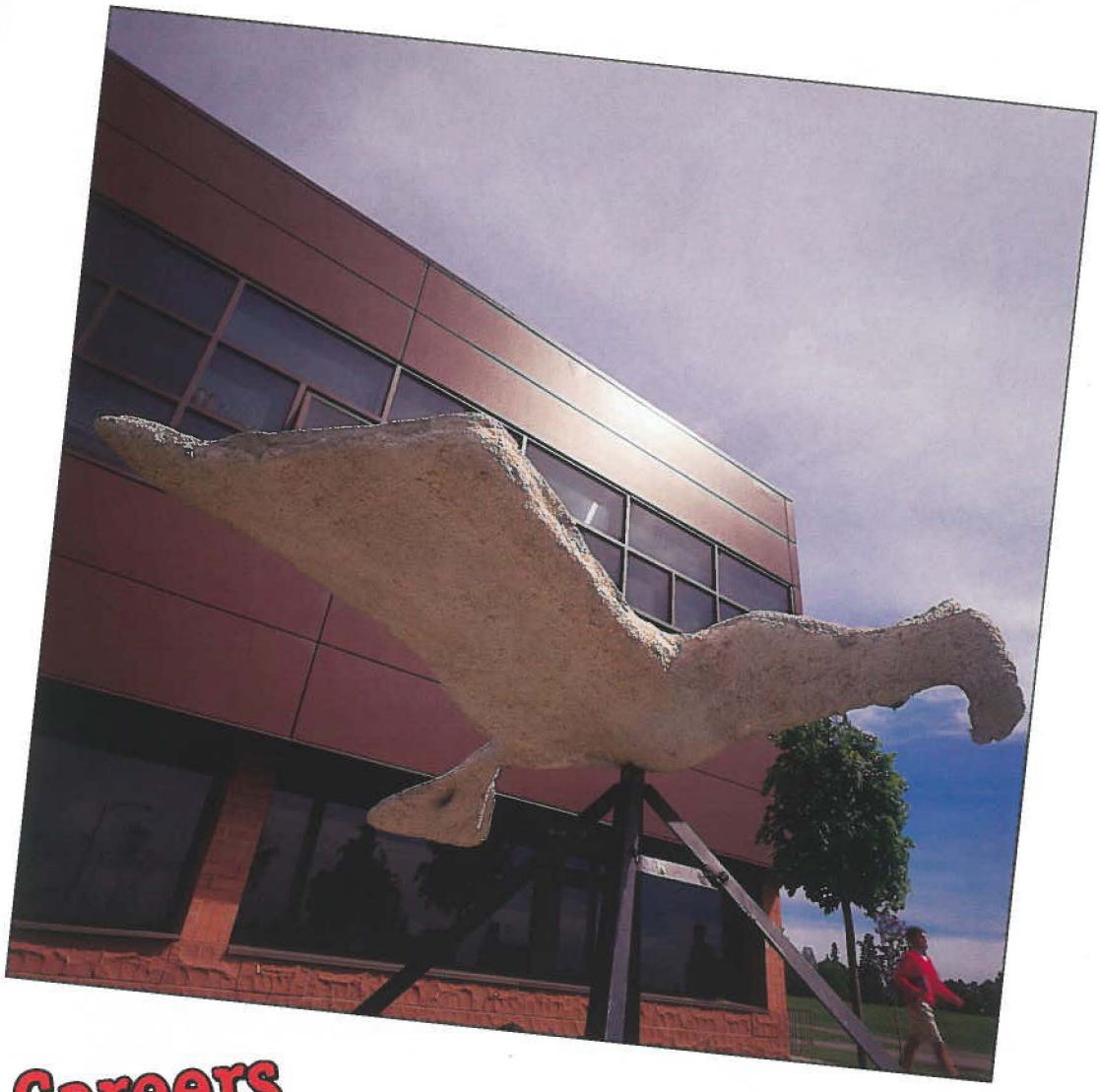
Community service may be as hospital administrators, group home workers, housing coordinators, community organizers or caseworkers. In the business world there are positions such as market analyst, public relations officer, production manager, labour relations officer, sales representative and insurance agent. Sociology is also good preparation for doing research such as population analysis and public opinion polling or working on the census.

Visual Arts

Bachelor of Arts

Honours Bachelor of Fine Arts

Honours Bachelor of Fine Arts/Diploma in Arts Administration



As a Visual Arts student at Lakehead University you will have the opportunity of exploring your discipline in the surroundings of our new, on-campus, Music and Visual Arts Centre, designed with visual arts studios devoted to painting, design, drawing, sculpture, ceramics and printmaking.

Our Department of Visual Arts offers a four-year program of study leading to an Honours Bachelor of Fine Arts (HBFA) degree as well as a three-year Bachelor of Arts (Visual Arts) degree. There is also one concurrent program offered jointly with Confederation College: the HBFA/Diploma in Arts Administration.

All of our programs combine practical, theoretical and critical approaches to the study of visual art, with art history and other courses, providing the historical and intellectual basis common to a university education. A unique feature of our Department of Visual Arts is the annual student art exhibition which is held every spring at the Thunder Bay Art Gallery and in their fourth year our Major Studio graduates exhibit their work at both the Thunder Bay and Definitely Superior Art Galleries. Another annual event is the organization of a field trip to a major centre such as Minneapolis, Toronto or New York - to visit art museums and contemporary galleries. As a small department we are able to focus on the individual and can offer personal attention within the studio class setting.

Careers

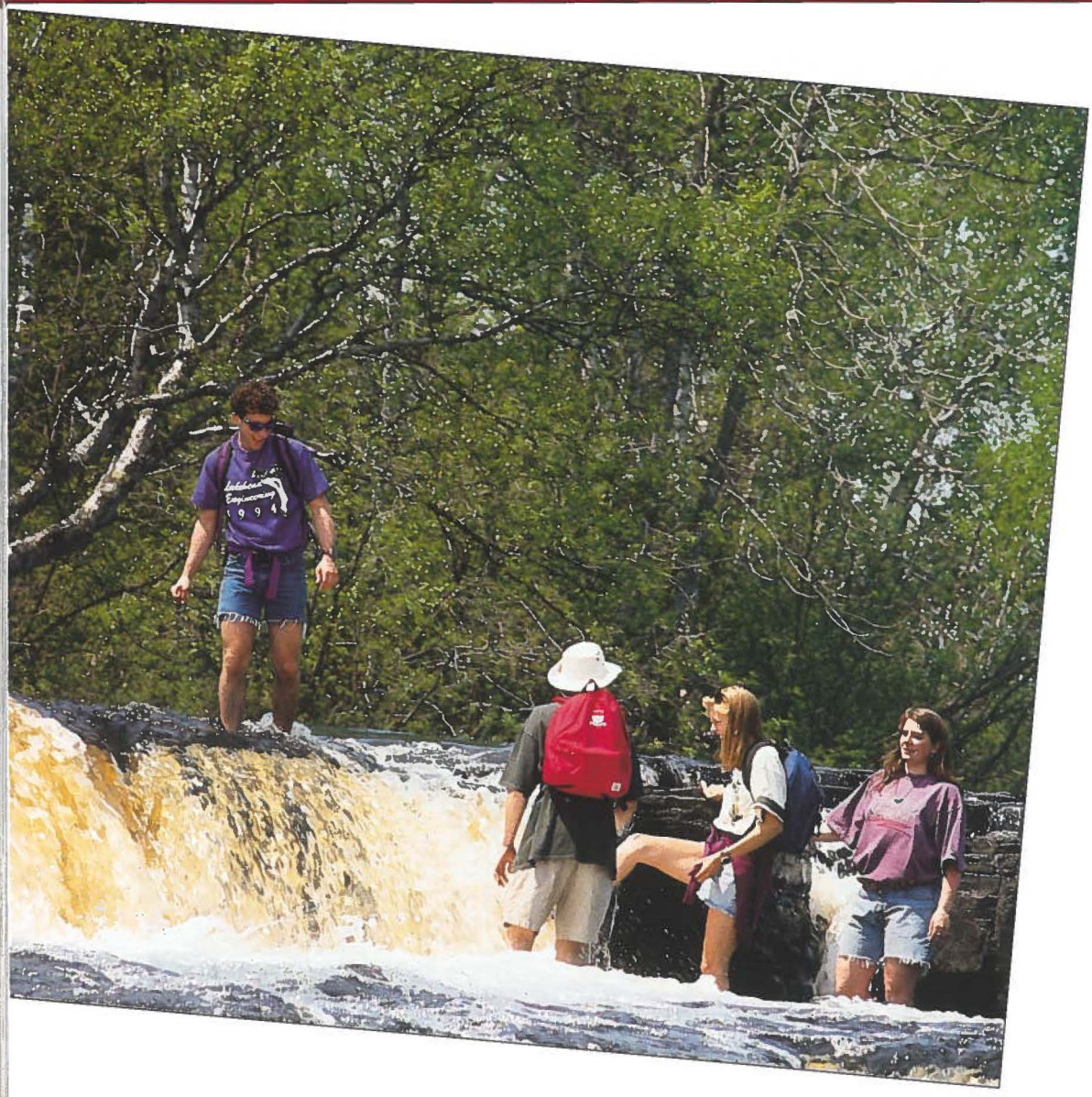
A graduate of our Visual Arts program is able to practise as a professional artist or pursue further studies in the field. The Honours Bachelor of Fine Arts degree is a good basis for a multitude of employment directions in the Canadian workplace of the future. The ability to solve problems, demonstrate initiative and creativity, to be flexible, adaptive and committed to serious self-motivated effort, are all the hallmarks of a visual arts graduate.

These qualities are required for further training in such fields as computer program design, marketing and advertising, illustration and animation.

The fourth year Seminar and Internship give students the opportunity to experience working situations and to be prepared to approach public and commercial galleries, portfolio preparation and application writing.

A Visual Arts degree combined with the one-year Bachelor of Education degree will qualify you for an Ontario Teaching Certificate. If you are interested in becoming an artist who is knowledgeable in arts management, you may choose to pursue the concurrent HBFA/ Diploma in Arts Administration program.

Services for Students



Argus

The student union newspaper keeps you up to date concerning events on and off campus, and on issues of importance to students.

Athletic Facilities

Your student card (full-time) allows you access to the pool, saunas, weight room, courts, gymnasium and track.

Bookstore

You may purchase texts and course materials, as well as a broad selection of recreational reading, records and gifts.

Chaplaincy

The Chaplain is available to everyone in the university community regardless of religious denomination. Those who wish may book an appointment to talk with Sister Alice Greer. Personal, spiritual direction, addictions, grief and family of origin counselling are the main types of issues Sister Alice attends to. As well, everyone is invited to attend weekly Eucharistic Celebrations at Avila Centre.

Sister Alice Greer can be reached at the Counselling and Career Centre during daytime hours at 343-8002.

Student Placement and Co-operative Education Centre

This is your resource centre for locating part-time work while you are in university and full-time employment during summers and in your graduating year. Services provided by the Centre include an on-campus recruitment program, employment counselling, assistance with job search techniques, resumé composition and interview skills.

Convenience Store

"The Junction" provides snacks, drinks, magazines, athletic apparel and assorted convenience store fare.

Counselling and Support Programs

The Counselling and Career Centre, located in the University Centre building, houses the Chaplain, two Student Counsellors and a Career Information Library.

Personal and career counselling is available to all students. Seminars and workshops in study skills, stress management, and job search are available to students during the academic year. Study Skills Sessions in Exam Preparation, Exam Anxiety, Note-Taking, Effective Reading, Effective Study, and Time Management are available in September and February. Interested students may register by contacting the Counselling and Career Centre UC1002

Financial Assistance

OSAP, scholarships, bursaries and our work study program are available to you. See a financial counsellor for more information. The Financial Aid Office is located in the lower level of the Student Centre.

Health Services

Located in the University Centre, The Health Centre is open Monday to Friday. Our staff of registered nurses and both male and female doctors provide a comprehensive health service whether you are a student living on or off-campus. Psychiatric services are also available. A variety of health education and lifestyle materials is also available.

Learning Assistance Centre

As a student encountering academic difficulties in a course, or needing help writing essays, you should contact the Learning Assistance Centre. Tutoring is available in a variety of subject areas. Initial assistance is free. If you are a student with special needs due to a physical or learning disability, you should contact the Centre as soon as possible to arrange for the necessary academic and/or physical accommodations.

Services for Students

Registrar's Office

For information on changing programs, advanced standing, and general academic counselling, visit the Registrar's Office in the University Centre to schedule an appointment.

Library

The two main libraries on campus provide you with access to over 600,000 volumes of books, periodicals, and documents, and over 205,000 micro-form volumes. Computerized Search and Interlibrary Loan services extend your reach throughout the country.

Native Support Services

Native Support Services assists Native students with their academic and personal concerns, providing a link between the student and services available within the University and the community. Social and cultural support is offered from within the Native Student Centre: periodic feasts, Pow-Wows and an Elders' Program seek to make your University education more holistic in nature.

Lakehead University Student Union

Your automatic membership in LUSU provides you with a variety of activities in clubs, programming, special events and also support in many academic areas of the University. Our main events hall, The Outpost, provides an interesting restaurant alternative and a wide variety of live entertainment.

Main Events Hall

Operated by LUSU our roadhouse style pub/restaurant offers live entertainment and tunes Monday - Saturday.

Ombudsoffice

The Ombudsoffice provides an independent and confidential service to all members of the University community. The Ombudsperson deals with complaints as well as requests for information on both academic and non-academic problems. The Ombudsoffice ensures all university members' rights are protected and all individuals are dealt with in an equitable manner.

International Exchange Program

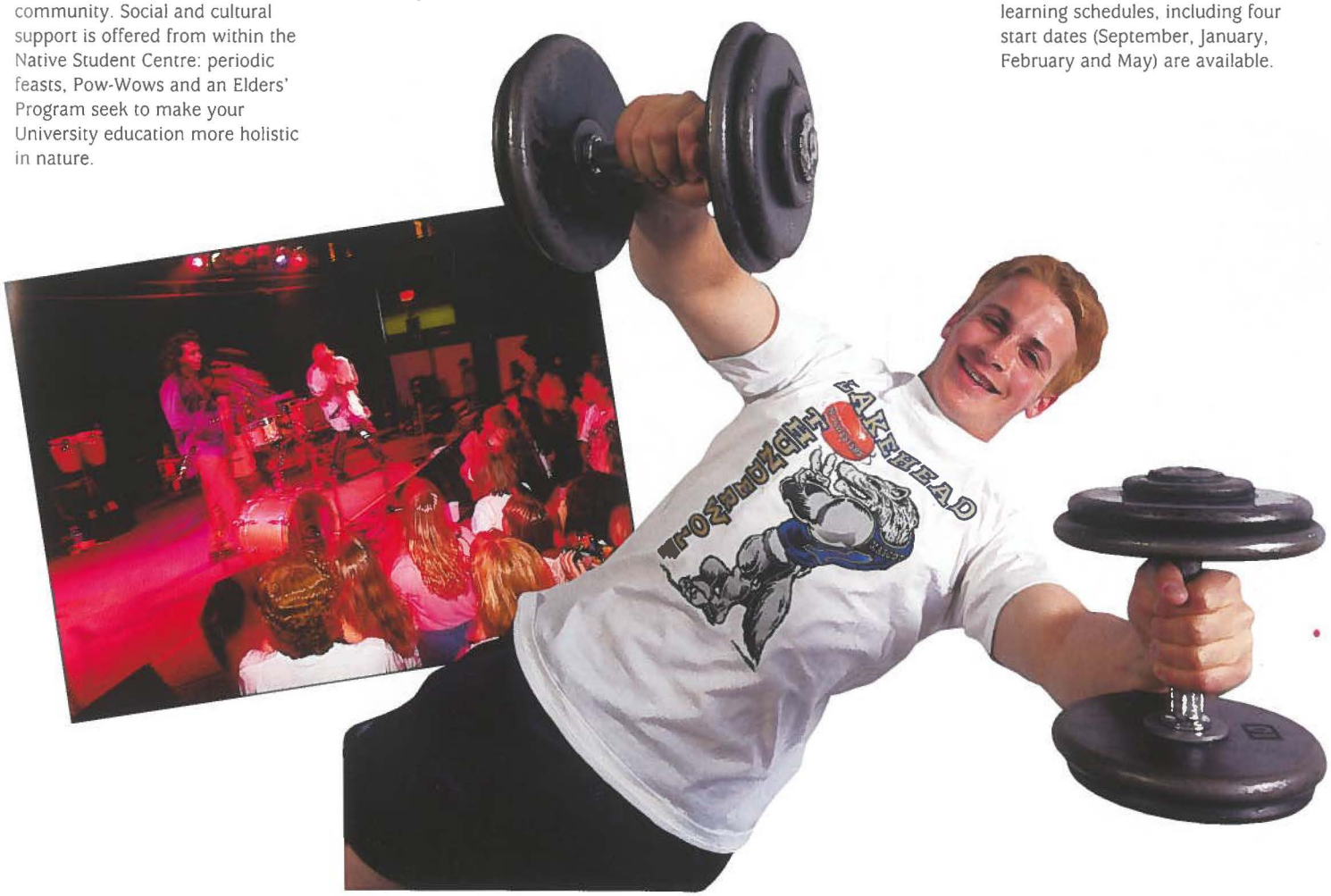
Lakehead University has exchange agreements which provide you with the opportunity to study abroad at a partner institution while retaining full-time registration status at Lakehead University. The full range of services normally available to foreign students enrolled at the host institution are generally provided to an exchange student. This often includes assistance with arrangements for classes and accommodation in a student residence. Expenses associated with accommodation, travel, visas, resident permits, health insurance coverage and the like are the responsibility of each exchange student.

Some of the countries that Lakehead University has exchange agreements with include: Germany, Finland, Sweden, England, France, Australia and South Korea.

For more information contact the International Activities Office.

Distance Education

Distance education at Lakehead University provides you with the opportunity to pursue university studies at home. Credit courses from many disciplines are delivered using a wide range of multimedia options. These include World Wide Web, Internet, audioconferencing and videoconferencing. Flexible learning schedules, including four start dates (September, January, February and May) are available.



Accommodation

Residence

Most students coming to Lakehead University for their first year find that residence is not only the most convenient accommodation to have, but also the least expensive.

Lakehead University Residence has housing accommodations for 1139 students. These include six building structures. Bartley Residence is a three-storey dormitory configuration of ten connected houses. Prettie Residence is a two storey residence, in a straight line, dormitory style configuration. Our three series of Townhouses (Phase I, Phase II, and Phase III) are single room, four bedroom units and are occupied by upper year students. Halliday Hall Residence (Avila Centre) offers single room accommodation to 77 female students.

Accommodation in the residences are co-ed (excepting Halliday Hall Residence), with male and female students in alternate rooms within a house. Some housing is available for the physically challenged. There are no facilities for married couples or family housing on campus during the fall and winter terms.

Residence rooms are fully furnished and linens are provided. Facilities in the residence complex include Dan's Diner, vending machines, a coin laundry, computer labs, a recreational games room, bicycle storage, and study rooms.

Meal plans are mandatory for those living in the Bartley, Prettie and Avila Residences and are optional for Townhouse Residents. Microwaves are also available in the lounges of each house.

As a first year student, you will likely be allotted a double room to be shared with another student. Should you wish to be placed with a particular individual, the residence application allows you to request this. If your preference is not indicated on your application, the residence office will attempt to place you with someone in a similar program and with similar interests. Single rooms are available, but they are usually allotted to students who have been in residence for more than one year.

The cost of Bartley and Prettie Residence for 1997/98 amounts to $4,928 for a single room and $4,674 per person in a double room. Included in this cost is a meal plan which provides three meals per day, seven days a week. Townhouse rates are $3,576. This includes a $400 hydro deposit. All rooms are subject to a Residence Council Activity Fee of $10 and a $40 Residence Caution Fee which is included in the above rate.

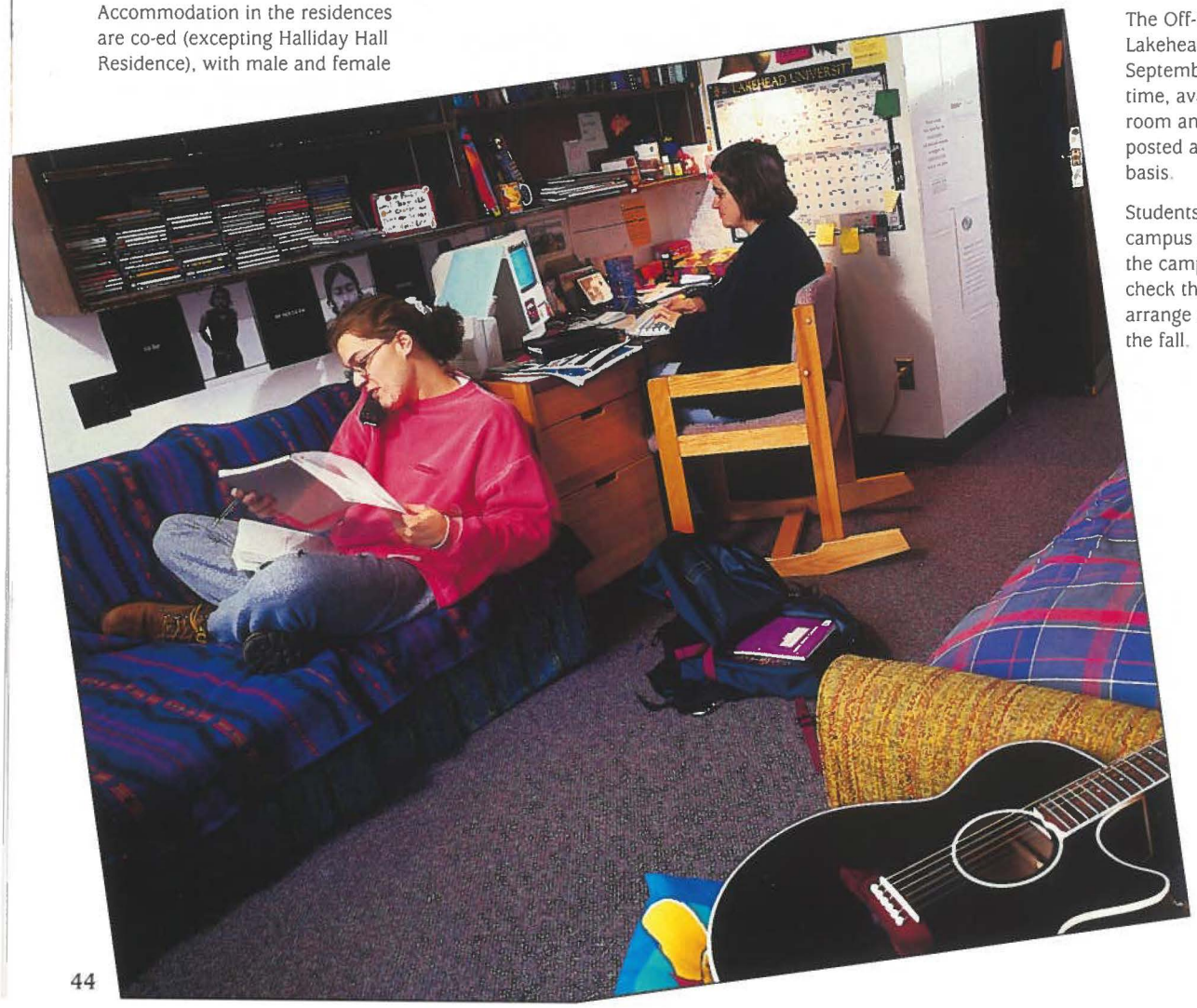
Application Procedures

High school students from outside the City of Thunder Bay are guaranteed residence if the residence accommodation application is received by May 15, 1998. Should you be offered a place in residence, a $250 non-refundable deposit will be required to hold the room for you. In January, this money will be credited to your residence fees. Should you wish, you may pay the residence fees in two installments, one in September and one in January.

Off-Campus Housing

The Off-Campus Housing Office at Lakehead is open from May to September each year. During this time, available apartments and room and board vacancies are posted and updated on a daily basis.

Students planning to live off campus find it worthwhile to visit the campus in July or August to check the housing listings and arrange their accommodation for the fall.



Cost of University

What will your year at Lakehead University cost? Although the costs will, of course, vary with your personal spending habits, the following information will provide you with a useful guideline.

Costs for tuition vary depending on the program in which you will be enrolled for the year. Because Lakehead University offers both diploma and degree programs, your undergraduate full-time tuition fees can vary from an average low of $2,130 to an average high of $3,225. Costs for books, supplies and equipment also vary according to the program in which you are enrolled. Approximate costs range from $750.00 to $2,400.00.

Tuition fees are higher for international students. As an undergraduate full-time international student your tuition fees may range from $4,850.00 to $7,000.00. Approximate costs for books, supplies and equipment are also variable, ranging from $750.00 to $2,400.00.



As an international student you will be required to enrol in the University Health Insurance Plan, or UHIP. Contact our Human Resources office for information on the cost of this health care protection plan.

As well as putting away money for your tuition, you should plan ahead for the costs of day-to-day student life. These costs can vary depending on a number of factors such as the type of accommodation you choose and your own personal spending habits. Your expenses for the school year (September - April) can range from approximately $4,500.00 if you are living at home, to $10,500.00 if you are living away from home. Local transportation could cost $600.00. The cost for trips home will vary depending on the distance and mode of transportation.

Like many students, you may find that your monetary resources fall short of the amount needed for a year of university. Assistance is available, however, in the form of government loans, university scholarships, bursaries and awards.

I GOVERNMENT ASSISTANCE FOR CANADIAN AND PERMANENT RESIDENTS OF CANADA (Full-Time and Part-Time Students)

(i) For Residents of Ontario OSAP (Ontario Student Assistance Program)

Under the OSAP program, you may qualify for loan assistance on the basis of your financial need. This program provides assistance in the form of Canada Student Loan and/or Ontario Student Loan to eligible full-time students. Loans are interest-free during periods of full-time study. As a part-time student you can apply for assistance and depending on your situation, receive a part-time Canada Student Loan Special Opportunity Grant or an Ontario Special Bursary.

Assistance is to supplement, not replace, your own financial resources and those of your immediate family. You will be expected to contribute to the cost of your own education and, depending on your circumstances, your parents or your spouse may also be expected to contribute. Couples should note that the Ontario Student Assistance Program makes little provision for the support of the family of married students. If you are experiencing family or personal problems and cannot see your way clear to attend Lakehead University for financial reasons you are strongly urged to contact the Financial Aid Office of Student Services, in person or you may call (807) 343-8206.

Financial Assisstance for Students

Further details and application forms are available from the Financial Aid Office or Ontario high schools in late March. You should apply for OSAP as early as possible; it is not necessary to wait until you have received your acceptance from the University before applying.

(ii) For Residents Outside Ontario

Each province and territory in Canada administers a government student financial aid program similar to the Ontario Student Assistance Program. Contact your provincial authority as early as possible for further details and applications.

II UNIVERSITY FINANCIAL ASSISTANCE TO FULL-TIME STUDENTS

(i) Bursaries

Bursaries are available to undergraduate students of any year level and are awarded on the basis of financial need. Upon registration, contact our Financial Aid Office regarding a listing of available bursaries, deadline dates and application procedures.

(ii) Entrance Scholarships and Awards

Currently, all students satisfying the admission requirements and entering Lakehead University with first class standing will receive a continuation scholarship. As a student applying to Lakehead University you will automatically be offered a scholarship on the basis of your average on the best six OAC credits or the equivalent at the time of the offer of admission is made, according to the following table:

95% + = $1,750 per yr. x 4 yrs.

90% to 94.9% = $1,250/yr. x 4 yrs.

85% to 89.9% = $1,000/yr. x 4 yrs.

80% to 84.9% = $800/yr. x 4 yrs.

Scholarships are renewable provided 80% standing is maintained each year. You may qualify for additional scholarships. As a top scholar you could potentially receive up to $16,000.00 over a four year period. You are encouraged to inquire about other scholarships/awards available through your high school.

For information regarding dollar values and terms of scholarships/ awards, contact our Financial Aid Office directly. Application deadline date is April 15th.

(iii) In-Course Scholarships, Awards and Bursaries

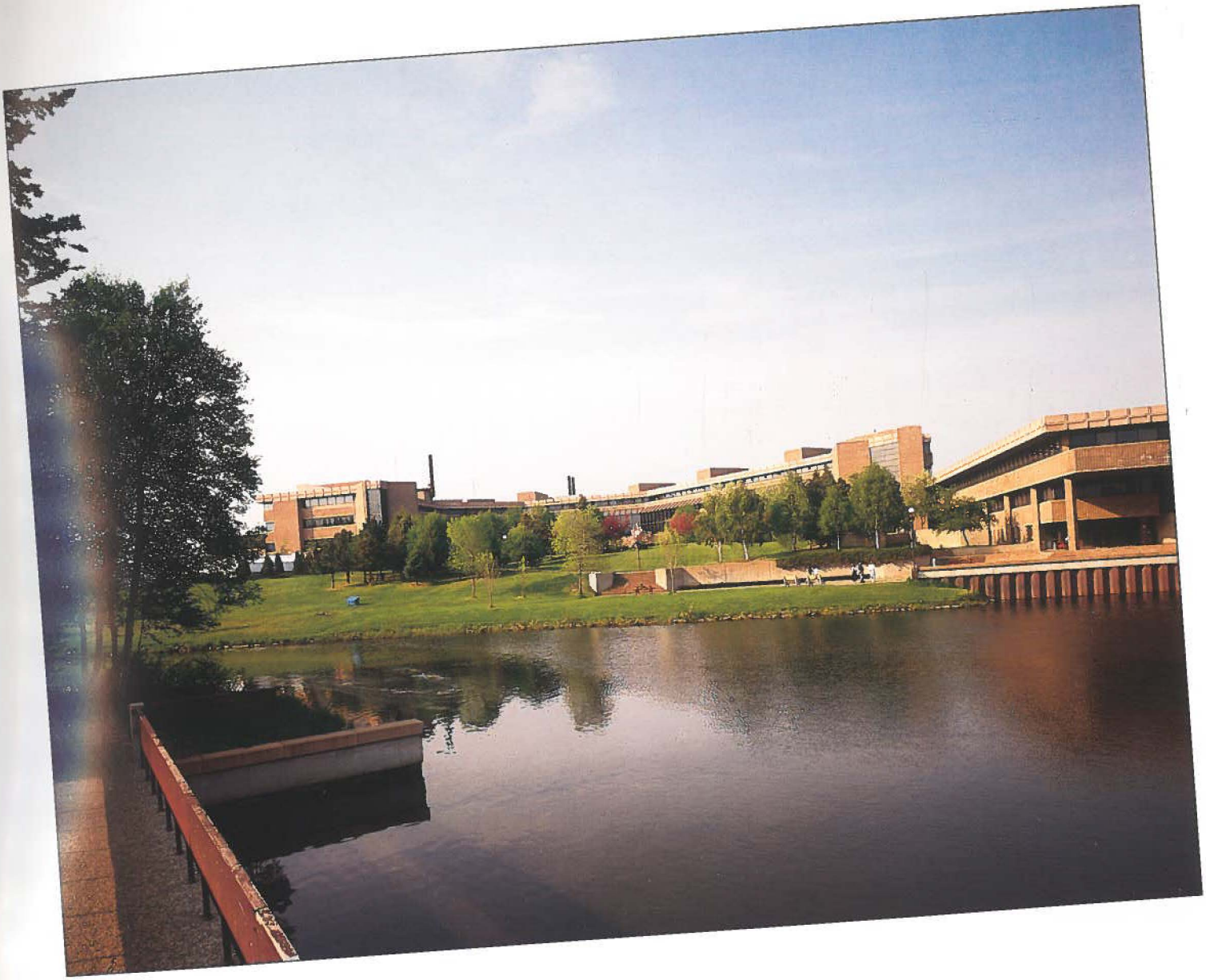
In-course scholarships, awards and bursaries are offered to continuing full-time Lakehead University students. As a student transferring to Lakehead University from another post-secondary institution you may be eligible for special awards. For details and information regarding scholarships, awards and bursaries available and the deadline dates, contact our Financial Aid Office.

(iv) Ontario Work Study Plan - OWSP

If you are interested in working part-time on campus and have demonstrated a need for funds according to the Ontario Student Assistance Program (OSAP) criteria, you should contact the Financial Aid Office regarding participation in the Ontario Work Study Program. This student employment plan enables you to earn up to $2,000.00 during the academic year.



Campus Visits



One of the best ways to find out more about Lakehead University is to visit us! Personalized campus tours can be arranged any day, Monday to Friday, by contacting the Office of the Registrar. One of our students will show you our classrooms, laboratories, library, residence and athletic facilities. Normally, you will attend a class or two and meet with the co-ordinator of your program of interest.

For further information on Lakehead University and its programs, contact:
Office of the Registrar
Lakehead University
Thunder Bay, Ontario
P7B 5E1

(807) 343-8500
toll free 1-800-465-3959
(Ontario, Manitoba, Saskatchewan)

Send E-mail inquiries to:
liaison@lakeheadu.ca.

Look for us on the Internet. LUCI is Lakehead's gopher based Campus Wide Information System. It is located at: gopher.lakeheadu.ca

Our World Wide Web site is available starting with the Lakehead University Home Page with the address: www.lakeheadu.ca



LAKEHEAD UNIVERSITY