

NIPISSING

U N I V E R S I T Y

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NORTH BAY • MUSKOKA • BRANTFORD



GRADUATE STUDIES GUIDE 2012- 2013



ABOVE: THE NEW HARRIS LEARNING LIBRARY IS A STRIKING FEATURE OF THE NORTH BAY CAMPUS



Graduate Studies



Greetings! We are pleased to provide a superb educational experience in which graduate programs are combined with a unique environment and vibrant atmosphere, preparing our students for exploration in disciplines that are the foundation for a variety of fields and careers.

Nipissing University researchers are surveying potential solutions to some of today's most critical problems. Consider how you may contribute to solving challenges like increasing

Welcome

food production, insuring clean potable water for the next generation, developing mathematical models for improving major transportation routes, enhancing mechanisms for supporting children and families to improve literacy skills, or exploring the impact of historical treaties with Aboriginal people on the management of resources. These and a world of other significant questions may inform your graduate journey, and we invite you to explore the future with us.

Nipissing is committed to providing a high-quality academic environment that is student-focused with a growing research culture based on innovative approaches to learning. As part of its mission, the School of Graduate Studies defines and supports excellence in graduate education.

Located in North Bay, Ontario, Nipissing's main campus is situated

within a stunning 291 hectares of pristine Canadian Shield forest. With a plethora of lakes and forests at the doorstep, all students enjoy the natural beauty of our surroundings, while researchers in the environmental sciences benefit greatly from the university's idyllic location and cutting-edge lab facilities. Nipissing also has two regional campuses, which are located in Bracebridge and Brantford.

*Dr. Sharon Rich, Vice-President,
Academic & Research (Interim)*

*Dr. Murat Tuncali, Assistant Vice-
President, Research & Graduate Studies*

ABOVE: LIAM McALEAR, MED STUDENT, WORKING IN THE GRADUATE STUDENT LOUNGE | BELOW: AN AERIAL VIEW OF THE NORTH BAY CAMPUS



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Program



"Nipissing University provided the perfect atmosphere for a first-time graduate student. The graduate studies faculty and staff were incredibly helpful when I was putting together my PhD and SSHRC scholarship applications and the work I accomplished in Nipissing's MA program laid the foundation for what I'll be doing in my doctoral studies."

Ian Laplante, MA History Graduate '11



Online Course Delivery



On-site Course Delivery

Descriptions

MA History

The Master of Arts in History exposes you to a range of historical debates and methodologies in a seminar format. The program has four fields of concentration: International, Gender, Canadian, and European. The program consists of course work and a Major Research Paper (MRP), and is typically completed within a year. The MRP provides students with an opportunity to engage in primary research and examine the major historiography of their research area. The MA program prepares you for further graduate work at the doctorate level and helps to develop research and writing skills that are useful for a wide array of other educational and career options. A special feature of the program is the annual Graduate Student Conference held each spring at which students will present their MRP proposals to a wider audience.

MES/MESc



The MES/MESc program offers degrees in either Master of Environmental Studies or Master of Environmental Sciences. Both streams offer the training and development of graduates capable of contributing to the study of the environment and environmental issues and to the environmental problem solving of the future. You will participate in a uniquely interdisciplinary program in which humanities, social science, and natural science approaches to understanding and solving environmental issues will be fully integrated. Both streams offer the option of completing either a Major Research Paper in one year or a Thesis in two years.

MSc Math

Through seminars and presentations you will be exposed to basic disciplines such as analysis, algebra and topology. The program consists of a Major Research Paper and seminars which provide the necessary environment for training as a researcher as well as the exposure to research activities of other research mathematicians. The Major

BELOW: ENVIRONMENTAL SCIENCE STUDENTS CONDUCT FIELD RESEARCH ON CAMPUS





"Nipissing University's new MES/MESc program will offer students opportunities to study a wide range of environmental issues in North-Eastern Ontario as well as abroad. Many of our faculty have active research projects in our own backyard, with local field sites, addressing local and regional community environmental concerns. Ongoing areas of study include environmental history, forestry, watershed hydrology, water quality management, aquatic populations, and geographic information sciences. The future environmental and ecological health of our communities will depend on professionals from across the disciplines with strong environmental knowledge, technical skills and the ability to think critically. It is an exciting time to be part of Nipissing University and this new graduate program, and we welcome students to drop by and get to know us."

Dr. April James
Faculty of Arts and Science – Geography

Research Paper focuses on an open problem in Mathematics, which could be theoretical or applied in nature. You will learn about an unsolved problem by researching its history and the contributions of other mathematicians towards solving the problem. The full-time MSc Math program is usually completed within a year.

MEd

The Master of Education (MEd) program is an interdisciplinary self-growth model designed to prepare educational leaders for learning environments such as classrooms, schools and other learning organizations. You will have the opportunity to explore the major themes of curriculum leadership through the central concepts and framework of education. The program offers the option of completing a thesis, major research paper (MRP) or a research project and seminar plus courses that are offered both on-site and online in various locations. The MEd program can be completed on a full-time or part-time basis in as little as two years.

PhD Educational Sustainability



The PhD program in Educational Sustainability will prepare students from a variety of fields, such as education, health, social work, social justice and administrative leadership, for sustainable educational practices in the 21st century. Through a variety of courses, a comprehensive exam and a research thesis, the PhD program in Educational Sustainability will allow you to assume an investigative stance in regard to teaching and learning in order to develop a scholarship of teaching and learning through opportunities to conduct seminars and engage in research related to instructional practices in multiple fields. You will participate in a residency program comprised of two summer institutes over two years for required and elective courses held on-site at the university in North Bay. During the fall and winter terms, you are able to select from a variety of on-site and online course offerings.

BELOW LEFT: AN EDUCATION STUDENT WORKS WITH CHILDREN IN A COMMUNITY SERVICE-LEARNING PROGRAM

BELOW RIGHT: DR. MARK WACHOWIAK (FACULTY OF ARTS & SCIENCE – COMPUTER SCIENCE) CHATS WITH MSc MATH STUDENT ANDREA MACEDO ABOUT HER RESEARCH



Researchers & Facilities

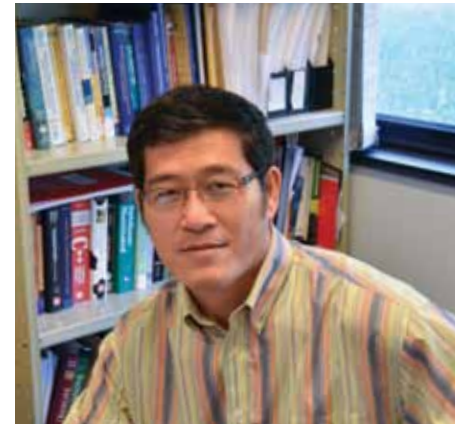
The aim of the school of graduate studies is to serve as an advocate for graduate education, and to enhance the intellectual and research community of scholars among graduate students and faculty. It is vitally important that our students develop as engaged citizens who combine their professional knowledge and critical thinking skills with empathy, reflection and service to community.

The people, programs and facilities at Nipissing support your pursuit of independent and leading-edge research within a collaborative field of experts, and will provide you with unique opportunities that inspire further development and discovery.

Student and faculty researchers have a new facility in which to work and learn. In 2009, the academic and research complex opened its doors and the additional space houses state-of-

the-art classrooms, seminar rooms, research laboratories including the dedicated Earth Observation Lab (NEOL), Water Policy Lab, Aquatic Zoology Lab, and the Collaborative Systems Lab. The space also features the Aboriginal Research Centre and faculty offices for researchers in the areas of Biology, Education, History, Geography and Psychology. Equally convenient is the graduate student lounge and interdisciplinary office, which has been designed to facilitate a central location for students to study and meet with each other.

In addition, the Harris Learning Library (completed in 2011), will provide immediate benefits for learning, collaboration and connectivity. Built to facilitate different learning styles of all types, this beautiful 56,000 square foot building is a large, bright with natural light space and features expanded print collections, a learning commons,



"Computer science is an exciting and ever-expanding field. Research requires that you master modeling, analysis, design and engineering abilities. As you solve real-world problems, the Collaborative System Laboratory will help you use theories and technologies to investigate the budding research area of role-based collaboration (RBC)."

Dr. Haibin Zhu
Faculty of Arts and Science – Computer Science

treaty room, collaborative workrooms, group instruction rooms, an adaptive technology area, and space to meet up with colleagues for comfortable debate or casual conversation.

BELOW: GRADUATE STUDENTS ONLY – THE GRAD STUDENT LOUNGE IS A PRIVATE PLACE TO STUDY, WORK, OR JUST RELAX





“Expanding your horizons” is the phrase that comes to mind as I ponder on the many MEd candidates I have interacted with, and seen pass through our program over the last ten years. “Ready for take off” is the phrase that comes to mind as I think of where the education graduate program is going. The great reputation that Nipissing’s faculty of education has built over the years is very well exemplified in the MEd program, and I believe it will continue in our ready for take off PhD program.

Dr. Mumbi Kariuki
Schulich School of Education



“The MA in History at Nipissing is an intense but rewarding one year program that will introduce you to state-of-the-art research in our four main areas of expertise in Canadian, European, International, and Gender History. You’ll also have the chance to complete your own major research project on a topic of your choice while working closely with award winning historians.”

Dr. Robin Gendron
Faculty of Arts & Science – Chair, History Department



“Increasingly, society expects those engaged in careers that deal with human-environment interactions to make informed decisions about complex multi-faceted problems. The MES/MESc program will prepare students for this challenge through our uniquely interdisciplinary core courses that simultaneously explore the ideas and methods of natural science, social science and humanities and their application to environmental problems.”

Dr. Jeff Dech
Faculty of Arts and Science – Biology

For a list of faculty and their research, visit www.nipissingu.ca/graduatestudies

BELOW LEFT: THE “LIVING WALL” CONSISTING OF LIVE PLANTS, IS BOTH A FUNCTIONAL AND BEAUTIFUL FEATURE OF THE NEW ATHLETICS BUILDING, OPEN FALL 2011 | BELOW RIGHT: DR. JAMES ABBOTT, ASSISTANT PROFESSOR OF GEOGRAPHY, HAS BEEN USING THE CHIEF COMMANDA (A TOURISM VESSEL) AS A RESEARCH PLATFORM TO STUDY LAKE NIPISSING



Admissions

Information



“With campuses in North Bay/Brantford, our new library, online/on-site course offerings, and a team of highly committed faculty ready to support you as you deepen your knowledge and explore meaningful areas of research, we are prepared to offer you a top quality graduate experience. Further, our new PhD in Educational Sustainability, beginning in 2012, will combine on-site summer residency with online coursework throughout the academic year, providing our first cohort with a unique, flexible post-graduate experience. On behalf of all of the faculty in the Graduate Studies in Education Program, I encourage you to consider attending the Schulich School of Education — we look forward to growing and learning with you.”

Dr. Daniel Jarvis
Schulich School of Education —
Chair, Graduate Studies in Education Program

Application Process

Admissions to graduate studies programs are the responsibility of the Office of the Registrar. Please direct your inquiries to info@nipissingu.ca.

Admission Requirements

All applicants who already hold the minimum qualifications listed below will be considered for admission, although are not automatically guaranteed entrance.

Master Of Arts – History

Master Of Science – Mathematics

Master Of Environmental Science/ Studies

- 75% average on the last 10 full course equivalents
- Honours degree in the subject area or combined major

Master Of Education

- 70% average on the last 10 full course equivalents (not including Education courses)
- Recognized undergraduate degree

Doctor Of Education

- Recognized Master’s degree in an appropriate discipline
- Preference will be given to applicants whose Master’s degree included an independent research component

Want to Apply?

Application is made directly to Nipissing University and submitted to the Office of the Registrar. You will find application forms on the website at www.nipissingu.ca/graduatestudies.

BELOW: NIPISSING STUDENTS CONDUCTING FIELD WORK CAN STUDY PLANT AND WILDLIFE ECOSYSTEMS RIGHT AT THE UNIVERSITY’S DOOR





DR. FRANCOISE NOEL CHATS WITH MA HISTORY CANDIDATE RORY CURRIE ABOUT HIS DEFENCE

Check the Deadlines

To determine the application deadline that relates to your program of interest, visit www.nipissingu.ca/graduatestudies.

Late applications will be considered if space remains in the program; however, monetary support is available only to those who apply within the deadlines.

Required Documentation

All required documentation in support of your application will be received by the Office of the Registrar on the forms provided. Please mail all admission documentation to:

Office of the Registrar (Admission)
Nipissing University
Box 5002, 100 College Drive
North Bay ON
P1B 8L7

Application Requirements										
	Application	Fee	Transcript	First Academic Recommendation	Second Recommendation	Sample of Written Work	Resumé	Statement of Interest	English Language Proficiency (if applicable)	Written Statement
MA History	•	•	•	•	Academic	•	•	•	•	
MSc Mathematics	•	•	•	•	Academic		•	•	•	
Master of Environmental Sciences/Studies	•	•	•	•	Academic		•	•	•	
Master of Education	•	•	•	•	Academic or Professional*		•		•	•
PhD in Educational Sustainability	•	•	•	•	Academic	•	•	•	•	

*Applicants without teaching experience must submit two academic recommendations. Applicants with teaching experience can submit one academic recommendation and one professional recommendation.

BELOW LEFT: GRAD STUDENT ORIENTATION IN NORTH BAY, AND VIDEO-CONFERENCE WITH BRANTFORD CAMPUS STUDENTS
BELOW RIGHT: PAUL LANGIS, MASTER OF EDUCATION GRADUATE, DEFENDING HIS THESIS



Financial

Options



"Nipissing offers a community of connected professors who prioritize providing expert support to students. Such timely support is available in class and throughout the research journey."

Dr. Callie Mady
Schulich School of Education

Graduate Funding Options

Graduate funding comes from a number of sources including external grant scholarships (SSHRC, NSERC, OGS, and Mackenzie King), faculty research grants within the department, Nipissing Graduate Scholarships, and Research and Teaching Assistantships.

Nipissing University Graduate Scholarship (NUGS)

Nipissing University Graduate Scholarships support graduate students who are enrolled in a full-time graduate level program. The value of the NUGS varies by program and or student.

Graduate Teaching Assistantship (GTA)

GTAs assist faculty with the teaching duties of undergraduate courses at Nipissing University. Employment of registered graduate students

as graduate teaching assistants is governed by the provisions of the Ontario Council of Graduate Studies and Nipissing University School of Graduate Studies regulations. Graduate students are limited to a maximum of 10 hours of university work per week while enrolled in a full-time program of studies. Please refer to your graduate program for specific information on the roles and responsibilities of GTAs.

Graduate Research Assistantship (GRA)

Research funding support is administered by Research Services, the School of Graduate Studies and by faculty members who hold research grants or externally-funded research contracts. This source of support is funded by a faculty member according to criteria specified by the granting agencies. Graduate students are limited to a maximum of 10 hours of university work per week while enrolled in a full-time program of studies.

BELOW: THE READING ROOM IN THE HARRIS LEARNING LIBRARY





MA HISTORY GRADUATE LINDSAY ROBINSON,
DEFENDING HER MAJOR RESEARCH PAPER

External Scholarships

The School of Graduate Studies also provides support to students applying for external funding. Annual workshops are held each fall to assist students applying to external agencies. More information can be provided by the School of Graduate Studies.

Ontario Graduate Scholarship (OGS)

The Ontario Graduate Scholarship Program is jointly funded between the Ontario Ministry of Training, Colleges and Universities and Nipissing University. The Ontario Graduate Scholarships are designed to encourage excellence in graduate studies at the master's and doctoral levels.

Natural Science and Engineering Research Council (NSERC)

NSERC Postgraduate Scholarships (PGS) provide financial support for masters and doctoral students in the natural sciences or engineering research programs.

Social Sciences and Humanities Research Council (SSHRC)

The SSHRC Doctoral Fellowships and Master's Canada Graduate Scholarships programs seek to develop research skills and assist in the training of highly-qualified personnel (HQP) in the social sciences and humanities.

Canadian Institutes of Health Research

CIHR provides funding opportunities for four themes of health research:

- Biomedical
- Clinical
- Health systems services
- Social, cultural, environmental and population health

Mackenzie King Memorial Scholarship

The Mackenzie King Scholarships for graduate study were established as an independent trust under the will of the late Rt. Hon. William Mackenzie King (1874-1950).

Two classes of Mackenzie King Scholarship are available to graduates of Canadian universities: the Open Scholarship and the Travelling Scholarship.

BELOW LEFT: DR. EVA CHOLEWA STUDIES PLANT STRUCTURE AND FUNCTION | BELOW RIGHT: THE GRADUATE STUDENT LOUNGE



ONE STUDENT AT A TIME



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