Northern Studies

This section presents the requirements for programs in:
- M.A. Northern Studies
- M.Sc. Northern Studies
- Graduate Diploma in Northern Studies

M.A. Northern Studies (5.0 credits)

Requirements:
1. 2.0 credits in:
   - NRTH 5000 [1.0] Core Seminar: Northern Environments, Northern Societies, Northern Policy
   - NRTH 5001 [1.0] Core Seminar: Northern and Arctic Issues

2. 0.0 credit in:
   - NRTH 5008 [0.0] Introductory Northern Field Course

3. 0.5 credit in:
   - NRTH 5009 [0.5] Field Course in Can. North

4. 1.0 credit in:
   - NRTH 5901 [0.5] Practicum in Northern Studies
   - NRTH 5905 [0.5] Comprehensive Examination

5. 0.5 credit in:
   - GEOG 5003 [0.5] Critical Approaches to Qualitative Inquiry
   - PECO 5001 [0.5] The Methodology of Political Economy
   - SOCI 5105 [0.5] Selected Topics in Social Research

6. 1.0 credit in additional course work chosen from the following list, or as approved by the program supervisor.
   - ANTH 4610 [0.5] Advanced Studies in Indigenous Peoples
   - ANTH 5004 [0.5] Ecological Anthropology
   - ANTH 5106 [0.5] North American Indigenous Peoples
   - ANTH 5208 [0.5] Anthropology of Indigeneity
   - CDNS 5101 [0.5] Indigenous Peoples, Canada and the North
   - CDNS 5700 [0.5] Arctic Passages: The Changing Dynamics of Canada’s North
   - GEOG 5600 [0.5] Empire and Colonialism
   - PADM 5224 [0.5] Aboriginal Policy
   - PADM 5614 [0.5] Natural Resource Management

Total Credits 5.0

Notes:
1. Advanced standing may be granted for up to 1.0 credit for GEOG 5003, SOCI 5105, PECO 5001, GEOG 5001 or an approved course in research methods, and for other elective courses.
2. Up to 1.0 credit at the 4000-level may be selected, with the approval of the program.

M.Sc. Northern Studies (5.0 credits)

Requirements:
1. 2.0 credits in:
   - NRTH 5000 [1.0] Core Seminar: Northern Environments, Northern Societies, Northern Policy

2. 0.0 credit in:
   - NRTH 5008 [0.0] Introductory Northern Field Course

3. 0.5 credit in:
   - NRTH 5009 [0.5] Field Course in Can. North

4. 1.0 credit in:
   - NRTH 5901 [0.5] Practicum in Northern Studies
   - NRTH 5905 [0.5] Comprehensive Examination

5. 0.5 credit in:
   - GEOG 5001 [0.5] Modeling Environmental Systems

6. 1.0 credit in additional courses as listed below, or as approved by the program supervisor.
   - ERTH 5309 [0.5] Glacial and Periglacial Geology
   - GEOG 4013 [0.5] Cold Region Hydrology
   - GEOG 4017 [0.5] Global Biogeochemical Cycles
   - GEOG 4108 [0.5] Permafrost
   - GEOG 5303 [0.5] Geocryology
   - GEOG 5804 [0.5] Geographic Information Systems

Total Credits 5.0

Notes:
1. Advanced standing may be granted for up to 1.0 credit for GEOG 5003, SOCI 5105, PECO 5001, GEOG 5001 or an approved course in research methods, and for other elective courses.
2. Up to 1.0 credit at the 4000-level may be selected, with the approval of the program.

Graduate Diploma in Northern Studies (3.0 credits)

Requirements (Type 2 and Type 3 Diplomas):
1. 2.0 credits in:
   - NRTH 5000 [1.0] Core Seminar: Northern Environments, Northern Societies, Northern Policy
   - NRTH 5001 [1.0] Core Seminar: Northern and Arctic Issues

2. 0.0 credit in:
   - NRTH 5008 [0.0] Introductory Northern Field Course

3. 0.5 credit from:
   - GEOG 5003 [0.5] Critical Approaches to Qualitative Inquiry
   - PECO 5001 [0.5] The Methodology of Political Economy
   - SOCI 5105 [0.5] Selected Topics in Social Research
   - GEOG 5001 [0.5] Modeling Environmental Systems

4. 0.5 credit from:
   - ANTH 4610 [0.5] Advanced Studies in Indigenous Peoples
   - ANTH 5004 [0.5] Ecological Anthropology
   - ANTH 5106 [0.5] North American Indigenous Peoples
   - ANTH 5208 [0.5] Anthropology of Indigeneity
   - CDNS 5101 [0.5] Indigenous Peoples, Canada and the North
   - CDNS 5700 [0.5] Arctic Passages: The Changing Dynamics of Canada’s North

Total Credits 3.0

Notes:
1. Advanced standing may be granted for up to 1.0 credit for GEOG 5003, SOCI 5105, PECO 5001, GEOG 5001 or an approved course in research methods, and for other elective courses.
2. Up to 1.0 credit at the 4000-level may be selected, with the approval of the program.
A 500-word letter from the applicant outlining the reasons for wishing to enrol in the Diploma program, including comment on why they desire an interdisciplinary academic experience, why they expect to succeed in an interdisciplinary environment, and a proposed course schedule that will enable timely completion.

### Northern Studies (NRTH) Courses

**NRTH 5000 [1.0 credit]**  
**Core Seminar: Northern Environments, Northern Societies, Northern Policy**  
Disciplinary perspectives on the biophysical, social, and policy environments of northern Canada. Resource development, devolution, local governance and sovereignty in a time of rapid environmental change.  
Prerequisite(s): NRTH 5008 or permission of the Northern Studies program supervisor.

**NRTH 5001 [1.0 credit]**  
**Core Seminar: Northern and Arctic Issues**  
Research and evaluation using interdisciplinary perspectives on biophysical and social issues faced by northern Canadians. Topics will vary from year to year. Research activities may be in collaboration with northern agencies.  
Includes: Experiential Learning Activity  
Prerequisite(s): NRTH 5000 (may be taken concurrently).

**NRTH 5008 [0.0 credit]**  
**Introductory Northern Field Course**  
Overland field excursion to a northern community in the first week of the fall term or the week before the fall term. The course may last six days. Graded SAT/UNS.  
Includes: Experiential Learning Activity  
Prerequisite(s): Enrolment in the first year of a Northern Studies program.

**NRTH 5009 [0.5 credit]**  
**Field Course in Can. North**  
Field observation and methods in a selected region of northern Canada on a group basis. A supplementary fee will apply.  
Includes: Experiential Learning Activity  
Prerequisite(s): NRTH 5000, NRTH 5001, NRTH 5008, NRTH 5905 (NRTH 5905 may be taken concurrently), and permission of the Northern Studies Supervisor. Field course to take place for two or three weeks in the summer.

---

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ERTH 5309</td>
<td>Glacial and Periglacial Geology</td>
</tr>
<tr>
<td>GEOG 4013</td>
<td>Cold Region Hydrology</td>
</tr>
<tr>
<td>GEOG 4017</td>
<td>Global Biogeochemical Cycles</td>
</tr>
<tr>
<td>GEOG 4108</td>
<td>Permafrost</td>
</tr>
<tr>
<td>GEOG 5303</td>
<td>Geocryology</td>
</tr>
<tr>
<td>GEOG 5600</td>
<td>Empire and Colonialism</td>
</tr>
<tr>
<td>GEOG 5804</td>
<td>Geographic Information Systems</td>
</tr>
<tr>
<td>NRTH 5009</td>
<td>Field Course in Can. North</td>
</tr>
<tr>
<td>PADM 5224</td>
<td>Aboriginal Policy</td>
</tr>
<tr>
<td>PADM 5614</td>
<td>Natural Resource Management</td>
</tr>
</tbody>
</table>

**Total Credits**  
3.0

**Note:** advanced standing may be granted for up to 1.0 credit for GEOG 5003, SOCI 5105, PECO 5001, GEOG 5001 or an approved course in research methods, and for other elective courses.

### Regulations

See the General Regulations section of this Calendar.  
Academic standing of B- or higher must be obtained in each course counted toward the fulfillment of the degree or diploma requirements.

### Admission

**M.A. and M.Sc. Northern Studies**

The minimum requirement for admission to the M.A. or M.Sc. program in Northern Studies is normally an Honours degree (or four-year degree) with B+ standing. Customarily, applicants will have degrees in the environmental sciences, sociology, anthropology, political science, economics, geography, or a related field. Applicants with degrees in other disciplines, or without an honours degree, must demonstrate equivalent experience that may have prepared them for the program. Applicants must present a succinct 500-word statement indicating why they anticipate academic success in an interdisciplinary environment and outlining their motivation for taking this program.

**Diploma in Northern Studies (Type 2)**

- Enrolment in a master's or doctoral degree program.
- Letter of support from the student's supervisor.
- A 500-word letter from the applicant outlining the reasons for wishing to enrol in the Diploma program, including comments on why they desire an interdisciplinary academic experience, why they expect to succeed in an interdisciplinary environment, and a proposed course schedule that will enable timely completion.

**Diploma in Northern Studies (Type 3)**

- Honours or four-year degree with B+ standing. Customarily, applicants will have degrees in the environmental sciences, sociology, anthropology, political science, economics, geography, or a related field.
- Two letters of reference that indicate why the applicant is likely to succeed in the program. The referees must have a university degree, and preferably a graduate qualification.
- Applicants with degrees in other disciplines may present professional experience to supplement their academic record. In such cases, additional references may be requested as well as an interview with the applicant. Referees must have a university degree, and preferably a graduate qualification.
- A 500-word letter from the applicant outlining the reasons for wishing to enrol in the Diploma program, including comment on why they desire an interdisciplinary academic experience, why they expect to succeed in an interdisciplinary environment, and a proposed course schedule that will enable timely completion.

---

ERTH 5309 [0.5] Glacial and Periglacial Geology  
GEOG 4013 [0.5] Cold Region Hydrology  
GEOG 4017 [0.5] Global Biogeochemical Cycles  
GEOG 4108 [0.5] Permafrost  
GEOG 5303 [0.5] Geocryology  
GEOG 5600 [0.5] Empire and Colonialism  
GEOG 5804 [0.5] Geographic Information Systems  
NRTH 5009 [0.5] Field Course in Can. North  
PADM 5224 [0.5] Aboriginal Policy  
PADM 5614 [0.5] Natural Resource Management  

A maximum of 1.0 credit may be taken at the 4000-level. No more than 0.5 credit may be taken as a Directed Study or Graduate Tutorial. Courses must be taken from at least three disciplines (as indicated by course prefixes).
NRTH 5901 [0.5 credit]
**Practicum in Northern Studies**
Research activity under the supervision of professionals in museums, government departments, nongovernmental organizations, embassies, or another professional research setting. The research must be in Northern Studies. Graded SAT/UNS.
Includes: Experiential Learning Activity
Prerequisite(s): NRTH 5000 (may be taken concurrently) and permission of the Northern Studies supervisor.

NRTH 5905 [0.5 credit]
**Comprehensive Examination**
This examination focuses on interdisciplinary approaches to resolution of biophysical, social, or policy problems with respect to northern Canada. A specific theme will be identified for each candidate. The exam will comprise a research paper, common language summary, interview, and oral presentation.
Prerequisite(s): NRTH 5000, NRTH 5001, or permission of the Northern Studies supervisor.