

Teaching

The primary objective of the teaching program is to educate prospective resource managers to understand the complex nature of natural resource problems and to develop the analytical skills necessary in the search for solutions. This involves building upon the solid base of students' previous education in a particular discipline. The degree program, of two academic years duration, is interdisciplinary in nature. Institute students learn about the process of problem definition, assessment and evaluation of alternative solutions, and problem redefinition. In addition to course work, the student is required to present a thesis (a research project dealing with an actual problem or issue in resource management and planning).

The thesis is designed to synthesize the student's learning in other courses and to provide field experience in planning and conducting applied research. The thesis is guided by the Thesis Research Seminar course which provides an overview of scientific method and research activities in many fields of resource management.

The Institute program integrates special seminars, conferences and field activities with courses. A number of courses draw heavily on contacts in government and the private sector for presentation and discussion of important topics. Through contact with outside experts, university staff, and through critical self-evaluation, the Institute's teaching program has continued to evolve.

The academic work of the Institute is closely integrated with that of other parts of the University. Many students augment their core curriculum through course work in other faculties. In this way, each student is able to acquire academic strength in their chosen area of specialization. This widely based body of expert knowledge, held by the students, adds diversity and richness to the program.

The graduates of the Institute continue to be notably successful in entering their chosen areas of professional activity; they are found in industry, government, consulting, planning professions and in pursuit of higher academic degrees.

Philosophy

The Natural Resources Institute is committed to a philosophy of education that emphasizes the provision of ample opportunity for intellectual growth through problem-solving. The graduate student at the Institute is expected to be a mature, self-directed individual capable of capitalizing upon the array of opportunities provided through the academic program. Each student is encouraged to take useful initiatives and be responsible for growth and development. Further, in the process of expanding knowledge, skills and new experiences, the student is expected to develop interpersonal skills and ability to lead and to motivate others.

The faculty members at the Institute facilitate the student's own search process where ideas and areas of intellectual interest are defined and explored. Diverse academic preparation, work

experiences, and international backgrounds are seen as resources to be shared in the learning process. Intellectual abilities are directed towards real-life issues and problem-solving for the benefit of the community; the learning process is exciting indeed.

Academic excellence is a primary goal. Faculty members at the Institute are committed to providing opportunities for students to develop their potential in the following areas: critical reasoning and analytical skills, including the ability to define and analyze problems on the basis of relevant facts; the ability to design, produce or otherwise bring into existence, original and useful perspectives, explanations and methods of implementing ideas; skills related to communication, the application of knowledge, leadership, social interaction and synthesis of knowledge; and skills related to information processing and data analysis.

Finally, the emphasis is on the development of professional skills that complement subject matter, while promoting attitudes that encourage life-long learning.

Course Descriptions

The current NRI course descriptions can be found by searching the [course catalog](#). The current graduate calendar and registration guide can be found with the following [link](#).

Course Timetable 2009/2010

Natural Resources Institute

(subject to change)

[\[Term 1 - September to December\]](#)

[\[Term 2 - January to April\]](#)

TERM

1

Sept-
Dec

	Monday	Tuesday	Wednesday	Thursday	Friday
9:00				NRI 7180 <i>Sustainable</i>	
9:30	NRI 7262 <i>Master's Thesis Research Seminar</i>	NRI 7310 <i>Ph.D. Thesis Research Seminar</i>	NRI 7232 <i>Ecological Dimensions of Resource & Environmental Management</i>	<i>Development and Natural Resources</i>	NRI 7222 <i>Human Dimensions of Natural Resource & Environmental Management</i>
10:00					
10:30				Henley 320 Sinnott	
11:00					
11:30	Shukla 206 St. John's College	Berkes 320 Sinnott (bi-weekly)	Koper 206 St. John's College		Davidson-Hunt 206 St. John's College
12:00					
12:30					
1:00				NRI 7200 <i>The Role of Information</i>	
1:30					

2:00
2:30
3:00
3:30
4:00
4:30
5:00
5:30
6:00
6:30
7:00
7:30

*Management
in
Sustainable
Resource
Use*
NRI 7182
*Sustainability,
Economics &
Natural
Resources*

Thompson
320 Sinnott

De Pape

320 Sinnott

**TERM
2
Jan-
Apr**

	Monday	Tuesday	Wednesday	Thursday	Friday
9:00				NRI 7242	NRI 7190
9:30				<i>Resource & Environmental</i>	<i>Natural</i>
10:00		NRI 7310	NRI 7302	<i>Management</i>	<i>Resources</i>
10:30		<i>Ph.D. Thesis Research Seminar</i>	<i>Conservation Biology & Biodiversity Management</i>	<i>Policy</i>	<i>Administration & Law</i>
11:00		Haque		Henley	Shariff
11:30		320 Sinnott (bi-weekly)	Koper 320 Sinnott	320 Sinnott	320 Sinnott
12:00					
12:30					
1:00		NRI 7350			
1:30	NRI 7130	<i>Study Design & Quantitative</i>		NRI 7170	
2:00	<i>Energy Resources Management & Policy</i>	<i>Methods for Resource & Environmental</i>		<i>Projects: Qualitative Methods in</i>	
2:30		<i>Management</i>		<i>Community- Based Natural</i>	
3:00	Haque/Thompson			<i>Resource & Environmental</i>	
3:30	206 St. John's Collegiet	Koper 206 St. John's College		<i>Management</i>	
4:00				Davidson- Hunt/Sinclair	
5:00				206 St. John's College	
6:00					
6:30					
7:00					
7:30					
8:00					

8:30

9:00

Course Materials

Fall 2009

- NRI 7180 Sustainable Development & Natural Resources
- NRI 7182 Sustainability, Economics, and Natural Resources
- [NRI 7200 The Role of Information Management in Sustainable Resource Use](#)
- NRI 7222 Human Dimensions of Natural Resources & Environmental Management
- NRI 7232 Ecological Dimensions of Resources & Environmental Management
- NRI 7262 Master's Thesis Research Seminar
- NRI 7310 Ph.D. Thesis Research Seminar

Winter 2010

- NRI 7170 Projects: Qualitative Methods in Community-Based Natural Resource and Environmental Management
- NRI 7190 Natural Resources Administration & Law
- NRI 7130 Energy Resources Management and Policy
- NRI 7242 Resource and Environmental Management Policy
- NRI 7302 Conservation Biology and Biodiversity Management
- NRI 7310 Ph.D. Thesis Research Seminar
- NRI 7350 Study Design and Quantitative Methods for Resource and Environmental Management

Links

U of M Links:

- Web Registration <https://pasweb.cc.umanitoba.ca/webapp/rs/displays/sserv.html>
- Faculty of Graduate Studies www.umanitoba.ca/faculties/graduate_studies/
- Graduate Students Association www.umgsa.ca/
- Student Affairs www.umanitoba.ca/student/
- Student Records www.umanitoba.ca/student/records/
- Publications www.umanitoba.ca/publications/
- Parking & Campus Map www.umanitoba.ca/campus/parking/
- University of Manitoba Students' Union www.umsu.ca
- Policies & Procedures www.umanitoba.ca/admin/governance/policies/
- [Library](#)

External Link:

- [City of Winnipeg Transit Bus Schedule](#)