Geography

This section presents the requirements for programs in:

- · M.A. Geography
- M.A. Geography with Specialization in African Studies
- M.A. Geography with Specialization in Data Science
- M.A. Geography with Specialization in Latin American and Caribbean Studies
- M.Sc. Geography
- M.Sc. Geography with Specialization in Data Science
- Ph.D. Geography
- Ph.D. Geography with Specialization in Political Economy

Program Requirements

M.A. Geography (5.0 credits)

Requirements:

1.	0.5 credit in:		0.5
	GEOG 5000 [0.5]	Approaches to Geographical Inquiry	
2.	2.5 credits in:		2.5
	GEOG 5909 [2.5]	M.A. Thesis (which must be defended at an oral examination)	
3.	0.5 credit in:		0.5
	GEOG 5905 [0.5]	Masters Research Workshop	
4.	1.0 credit from:		1.0
	GEOG 5002 [0.5]	Quantitative Analysis for Geographical Research	
	GEOG 5003 [0.5]	Critical Approaches to Qualitative Inquiry	
	GEOG 5005 [0.5]	Global Environmental Change: Human Implications	
	GEOG 5006 [0.5]	Special Topics in Geography of the Environment	
	GEOG 5201 [0.5]	Special Topics in the Geography of Development	
	GEOG 5400 [0.5]	Territory and Territoriality	
	GEOG 5406 [0.5]	Special Topics in Cultural Geography	
	GEOG 5500 [0.5]	Special Topics in the Study of Cities and Urbanization	
	GEOG 5502 [0.5]	Special Topics in Geography of Globalization	
	GEOG 5600 [0.5]	Empire and Colonialism	
	GEOG 5803 [0.5]	Seminar in Geomatics	
	GEOG 5804 [0.5]	Geographic Information Systems	
	GEOG 5900 [0.5]	Graduate Tutorial	
	ENST 4006 [0.5]	Environmental Policy Analysis	
	GEOG 4004 [0.5]	Environmental Impact Assessment	
	GEOG 4021 [0.5]	Seminar in Culture, Identity and Place	
	GEOG 4022 [0.5]	Seminar in People, Resources and Environmental Change	
	GEOG 4023 [0.5]	Seminar in Special Topics on the City	
	GEOG 4024 [0.5]	Seminar in Globalization	
	GEOG 4040 [0.5]	Goographic Thought	

T	otal Credits		5.0
r		rmal requirements, M.A. students are Departmental Seminar series, and amp.	
5	5. 0.5 credit in free e	elective	0.5
		fered by departments in the Faculties Sciences or Public Affairs and	
	GEOM 4008 [0.5]	Advanced Topics in Geographic Information Systems	
	GEOG 4323 [0.5]	Urban and Regional Planning	
	GEOG 4304 [0.5]	Transportation Engineering and Planning	
	GEOG 4050 [0.5]	Environmental and Geographic Education	

M.A. Geography with Specialization in African Studies (5.0 credits)

Requirements - Thesis option (5.0 credits)

Total Credits		5.0
	rmal requirements, MA students are Departmental Seminar series, and Imp.	
5. 1.0 credit in appro	ved graduate-level electives	1.0
GEOG 5909 [2.5]	M.A. Thesis (in the specialization and including oral examination of the thesis)	
4. 2.5 credits in:		2.5
GEOG 5905 [0.5]	Masters Research Workshop	
GEOG 5000 [0.5]	Approaches to Geographical Inquiry	
3. 1.0 credit in:		1.0
AFRI 5800 [0.0]	Scholarly Preparation in African Studies	
2. 0.0 credit in:		0.0
AFRI 5000 [0.5]	African Studies as a Discipline: Historical and Current Perspectives	
1. 0.5 credit in:		0.5
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M.A. Geography with Specialization in Data Science (5.0 credits)

Requirements:

1.	0.5 credit in:		0.5
	DATA 5000 [0.5]	Data Science Seminar	
2.	0.5 credit in:		0.5
	GEOG 5000 [0.5]	Approaches to Geographical Inquiry	
3.	2.5 credits in:		2.5
	GEOG 5909 [2.5]	M.A. Thesis (in the specialization and including oral examination of the thesis)	
4.	0.5 credit in:		0.5
	GEOG 5905 [0.5]	Masters Research Workshop	
5.	1.0 credit in approv	ved graduate-level electives	1.0

	ormal requirements, M.A. students are Departmental Seminar series, and		GEOM 4003 [0.5]	Remote Sensing of the Environment	
Total Credits	amp.	5.0	GEOM 4008 [0.5]	Advanced Topics in Geographic Information Systems	
M.A. Geography			Or from courses of of Science	fered by departments in the Faculty	
-	on in Latin American and		5. 0.5 credit in free e	elective	0.5
Caribbean Studi Requirements - Thes	es (5.0 credits) sis option (5.0 credits)			rmal requirements, M.Sc. students the Departmental Seminar Series,	
1. 0.5 credit in:		0.5	and the Graduate Fiel	d Camp.	
LACS 5000 [0.5]	Interdisciplinary Approaches to Latin American and Caribbean Studies		Total Credits Notes		5.0
2. 0.0 credit in:		0.0	1. Only 0.5 credit to	owards the program may be obtain	ned
LACS 5800 [0.0]	Scholarly Preparation in Latin		in GEOG 5900 (Graduate Tutorial	
	American and Caribbean Studies		2. Only 0.5 credit n	nay be obtained at 4000 level.	
3. 1.0 credit in:		1.0	M.Sc. Geography	V.	
GEOG 5000 [0.5]	Approaches to Geographical Inquiry			on in Data Science (5.0 credi	ts)
GEOG 5905 [0.5]	Masters Research Workshop		Requirements		
4. 2.5 credits in:		2.5	1. 0.5 credit in:		0.5
GEOG 5909 [2.5]	M.A. Thesis (in the specialization		DATA 5000 [0.5]	Data Science Seminar	
	and including oral examination of		2. 0.5 credit in:		0.5
	the thesis)		GEOG 5001 [0.5]	Modeling Environmental Systems	
	oved graduate-level electives	1.0	3. 0.5 credit in:		0.5
	ormal requirements, MA students are		GEOG 5905 [0.5]	Masters Research Workshop	
the Graduate Field Ca	Departmental Seminar series, and		4. 0.5 credit in Physi	cal Geography selected from:	0.5
Total Credits	arrip.	5.0	GEOG 5002 [0.5]	Quantitative Analysis for Geographical Research	
M.Sc. Geography	y (5.0 credits)		GEOG 5103 [0.5]	Hydrologic Principles and Methods	
Requirements:	,		GEOG 5104 [0.5]	Advanced Biogeography	
1. 0.5 credit in:		0.5	GEOG 5107 [0.5]	Field Study and Methodological	
GEOG 5001 [0.5]	Modeling Environmental Systems	0.0		Research	
2. 0.5 credit in:	gg	0.5	GEOG 5303 [0.5]	Geocryology	
GEOG 5905 [0.5]	Masters Research Workshop		GEOG 5307 [0.5]	Soil Resources	
3. 3.0 credits in:	·	3.0	GEOG 5803 [0.5]	Seminar in Geomatics	
GEOG 5906 [3.0]	M.Sc. Thesis (must be defended at		GEOG 5804 [0.5]	Geographic Information Systems	
	an oral examination)		GEOG 5900 [0.5]	Graduate Tutorial	
4. 0.5 credit in Phys	ical Geography selected from:	0.5	with departmental a	GEOG or GEOM at the 4000 level, approval	
GEOG 5002 [0.5]	Quantitative Analysis for		5. 3.0 credits in:		3.0
050054004051	Geographical Research		GEOG 5906 [3.0]	M.Sc. Thesis (in the specialization	
GEOG 5103 [0.5]	Hydrologic Principles and Methods			and including oral examination of	
GEOG 5104 [0.5]	Advanced Biogeography			the thesis)	
GEOG 5107 [0.5]	Field Study and Methodological Research		are required to attend	rmal requirements, M.Sc. students the DGES Departmental Seminar	
GEOG 5303 [0.5]	Geocryology		series, and the Gradu	ate Field Camp.	
GEOG 5307 [0.5]	Soil Resources		Total Credits		5.0
GEOG 5803 [0.5]	Seminar in Geomatics		Ph.D. Geography	v (2.0 credits)	
GEOG 5804 [0.5]	Geographic Information Systems			, (,	
GEOG 5900 [0.5]	Graduate Tutorial		Requirements:		1.0
GEOG 4004 [0.5]	Environmental Impact Assessment		1. 1.0 credit in: GEOG 6000 [0.5]	Doctoral Core Seminar:	1.0
GEOG 4013 [0.5]	Cold Region Hydrology			Geography, Society and the	
GEOG 4017 [0.5]	Global Biogeochemical Cycles		2 2 2 2 3 3 1 10.0	Environment	
GEOG 4101 [0.5]	Two Million Years of Environmental Change			Doctoral Core Seminar: Geography, Society and the	
GEOG 4103 [0.5]	Water Resources Engineering			Environment	
GEOG 4104 [0.5]	Microclimatology		2. 1.0 credit from:		1.0
GEOG 4108 [0.5]	Permafrost				

	Field Seminar: Geography of	
& GEOG 6004 [0.5	Field Seminar: Geography of	
	Societal Change	
GEOG 6006 [0.5] & GEOG 6007 [0.5	Field Seminar: Geography of -] Environmental Change Field Seminar: Geography of - Environmental Change	
3. Presentation and o outlined below	ral defence of the thesis proposal as	
4. 0.0 credit from:		
GEOG 6906 [0.0]	Comprehensive Examination: The - Geography of Societal Change	
GEOG 6907 [0.0]	Comprehensive Examination: The Geography of Environmental Change	
5. 0.0 credits in The oral examination	sis which must be defended at an	0.0
GEOG 6909 [0.0]	Ph.D. Thesis	
	rmal requirements, Ph.D. students the Departmental Seminar series d Camp.	
Total Credits		2.0
Dh D Coography		
•	on in Political Economy (2.0	
with Specializati credits)		
with Specializati		1.0
with Specializati credits) Requirements:		1.0
with Specializati credits) Requirements: 1. 1.0 credit in:	Doctoral Core Seminar: Geography, Society and the	1.0
with Specializati credits) Requirements: 1. 1.0 credit in: GEOG 6000 [0.5] GEOG 6001 [0.5] 2. 0.5 credit in:	Doctoral Core Seminar: Geography, Society and the Environment Doctoral Core Seminar: Geography, Society and the Environment	0.5
with Specializati credits) Requirements: 1. 1.0 credit in: GEOG 6000 [0.5] GEOG 6001 [0.5]	Doctoral Core Seminar: Geography, Society and the Environment Doctoral Core Seminar: Geography, Society and the	
with Specializati credits) Requirements: 1. 1.0 credit in: GEOG 6000 [0.5] GEOG 6001 [0.5] 2. 0.5 credit in: PECO 6000 [0.5]	Doctoral Core Seminar: Geography, Society and the Environment Doctoral Core Seminar: Geography, Society and the Environment Political Economy: Core Concepts Field Seminar: Geography of	0.5
with Specializati credits) Requirements: 1. 1.0 credit in: GEOG 6000 [0.5] GEOG 6001 [0.5] 2. 0.5 credit in: PECO 6000 [0.5] 3. 0.5 credit from:	Doctoral Core Seminar: Geography, Society and the Environment Doctoral Core Seminar: Geography, Society and the Environment Political Economy: Core Concepts Field Seminar: Geography of Societal Change Field Seminar: Geography of	0.5
with Specializati credits) Requirements: 1. 1.0 credit in: GEOG 6000 [0.5] GEOG 6001 [0.5] 2. 0.5 credit in: PECO 6000 [0.5] 3. 0.5 credit from: GEOG 6003 [0.5]	Doctoral Core Seminar: Geography, Society and the Environment Doctoral Core Seminar: Geography, Society and the Environment Political Economy: Core Concepts Field Seminar: Geography of Societal Change	0.5
with Specializati credits) Requirements: 1. 1.0 credit in: GEOG 6000 [0.5] GEOG 6001 [0.5] 2. 0.5 credit in: PECO 6000 [0.5] 3. 0.5 credit from: GEOG 6003 [0.5] GEOG 6004 [0.5]	Doctoral Core Seminar: Geography, Society and the Environment Doctoral Core Seminar: Geography, Society and the Environment Political Economy: Core Concepts Field Seminar: Geography of Societal Change Field Seminar: Geography of	0.5
with Specializati credits) Requirements: 1. 1.0 credit in: GEOG 6000 [0.5] GEOG 6001 [0.5] 2. 0.5 credit in: PECO 6000 [0.5] 3. 0.5 credit from: GEOG 6004 [0.5] GEOG 6004 [0.5] 4. 0.0 credit in: GEOG 6906 [0.0]	Doctoral Core Seminar: Geography, Society and the Environment Doctoral Core Seminar: Geography, Society and the Environment Political Core Seminar: Geography, Society and the Environment Political Economy: Core Concepts Field Seminar: Geography of Societal Change Field Seminar: Geography of Societal Change Comprehensive Examination: The -	0.5
with Specializati credits) Requirements: 1. 1.0 credit in: GEOG 6000 [0.5] 2. 0.5 credit in: PECO 6000 [0.5] 3. 0.5 credit from: GEOG 6004 [0.5] 4. 0.0 credit in: GEOG 6906 [0.0] 5. Presentation and o outlined below	Doctoral Core Seminar: Geography, Society and the Environment Doctoral Core Seminar: Geography, Society and the Environment Political Core Seminar: Geography, Society and the Environment Political Economy: Core Concepts Field Seminar: Geography of Societal Change Field Seminar: Geography of Societal Change Comprehensive Examination: The - Geography of Societal Change	0.5
with Specializati credits) Requirements: 1. 1.0 credit in: GEOG 6000 [0.5] 2. 0.5 credit in: PECO 6000 [0.5] 3. 0.5 credit from: GEOG 6004 [0.5] 4. 0.0 credit in: GEOG 6906 [0.0] 5. Presentation and o outlined below 6. 0.0 credits in The	Doctoral Core Seminar: Geography, Society and the Environment Doctoral Core Seminar: Geography, Society and the Environment Political Economy: Core Concepts Field Seminar: Geography of Societal Change Field Seminar: Geography of Societal Change Comprehensive Examination: The - Geography of Societal Change ral defence of the thesis proposal as	0.5

Comprehensive Examination

and the Graduate Field Camp.

Total Credits

Each doctoral candidate is required to write one comprehensive examination: GEOG 6906 or GEOG 6907, according to the chosen field of specialization

are required to attend the Departmental Seminar series

The comprehensive examination must be completed after course requirements for the Ph.D. have been completed.

The examination will occur no later than the fourth term of registration in the Ph.D. program. Failure to complete the examination successfully will result in denial of permission to continue in the program.

Thesis Proposal

Candidates normally register in the thesis on entry to the program and work actively to define their research topic during the first term of registration. The thesis proposal is normally presented after comprehensive requirements have been fulfilled. Candidates submit and defend the thesis proposal at an oral examination no later than the end of the 5th term of registration in the Ph.D. program. Continuous registration is required after initial registration in the thesis.

Residence Requirements

All Ph.D. candidates must be registered full time in a minimum of six terms to satisfy the residence requirement.

Regulations

See the General Regulations section of this Calendar.

Admission Requirements

The requirement for admission into the master's program is a B.A.(Honours) or B.Sc. (Honours) in Geography or a related discipline, with at least B+ standing.

In exceptional cases, pertinent work experience may be considered in support of an application to the Department. Students entering the program from other disciplines or with academic deficiencies may be required to take additional courses.

Accelerated Pathway

The accelerated pathway in the M.A. Geography program is a flexible and individualized plan of graduate study. Students in their final year of a Carleton B.A. or BSc. Honours degree in Geography, Geomatics, Environmental Studies or related discipline with demonstrated academic excellence and aptitude for research may qualify for this option.

Students in their third-year of study should consult with both their Undergraduate Program Coordinator and the Department of Geography & Environmental Studies Graduate Program Supervisor to determine if the accelerated pathway is appropriate for them and to confirm their selection of courses for their final year of undergraduate studies.

Accelerated Pathway Requirements

- At least 0.5 credit in GEOG courses (5000 level) with a grade of B+ or higher excluding GEOG 5000, 5001 and 5905.
- 2. Minimum overall CGPA of A-.

2.0

Students may receive advanced standing with transfer of credit of up to 1.0 credit which can reduce their time to completion.

Admission Requirements

The normal requirement for admission into the M.Sc. program in Geography is a B.Sc. (Honours) or B.A.

(Honours) in Physical Geography or a related discipline, with at least B+ standing.

Students entering the program from other disciplines or with academic deficiencies may be required to take additional courses.

The intended research area must be eligible for NSERC support.

Applicants for admission must provide an outline of their proposed project, which must be suitable for the M.Sc. program.

Accelerated Pathway

The accelerated pathway in the M.Sc. Geography program is a flexible and individualized plan of graduate study. Students in their final year of a Carleton B.A. or BSc. Honours degree in Geography, Geomatics, Environmental Studies or related discipline with demonstrated academic excellence and aptitude for research may qualify for this option.

Students in their third-year of study should consult with both their Undergraduate Program Coordinator and the Department of Geography & Environmental Studies Graduate Program Supervisor to determine if the accelerated pathway is appropriate for them and to confirm their selection of courses for their final year of undergraduate studies.

Accelerated Pathway Requirements

- At least 0.5 credit in GEOG courses (5000 level) with a grade of B+ or higher excluding GEOG 5000, GEOG 5001 and GEOG 5905.
- 2. Minimal overall CGPA of A-.

Students may receive advanced standing with transfer of credit of up to 1.0 credit, which can reduce their time to completion.

Admission

The normal requirement for admission to the Ph.D. program is a master's degree (or the equivalent) in geography, with at least an A- average.

A student already registered in the M.A. or M.Sc. program who shows outstanding academic performance and research promise may be permitted to transfer to the Ph.D. program with a recommendation by the Departmental graduate committee.

Applicants whose academic preparation has deficiencies in certain areas may be admitted to the Ph.D. program with the requirement that they complete additional course work.

Admission to the Ph.D. program is granted on a full-time basis in September for the fall term.

Geography (GEOG) Courses

GEOG 5000 [0.5 credit]

Approaches to Geographical Inquiry

A review of the major philosophical perspectives shaping research and explanation by geographers. Particular attention is paid to interpretations of social structure and human action, the nature of the biophysical universe, and the interaction between human beings and their environments.

Includes: Experiential Learning Activity

GEOG 5001 [0.5 credit]

Modeling Environmental Systems

Methods and problems of research on the physical environment, with illustrative material taken from the atmospheric and surface earth sciences. Topics include: the identification and behaviour of environmental systems, temporal and spatial scale, experimental method under field conditions, and simulation and model development. Includes: Experiential Learning Activity

GEOG 5002 [0.5 credit]

Quantitative Analysis for Geographical Research

Quantitative techniques and methods for research on the natural and cultural environment. Topics include sampling, experimental design, replication, variance, correlation, time series analysis, statistical uncertainty, simulation, calibration, validation.

Includes: Experiential Learning Activity

GEOG 5003 [0.5 credit]

Critical Approaches to Qualitative Inquiry

Development of critical skills in qualitative research by considering the relationship between theory and method. Engaged scholarship and participatory, community-based, action research. Practical experience with select methods including: interviews, personal narratives, focus groups, participant observation, archival research, discourse analysis, and visual methodologies.

Includes: Experiential Learning Activity

GEOG 5005 [0.5 credit]

Global Environmental Change: Human Implications

Global environmental change: its significance for societies, economies and international relations. Value systems underlying environmental discourse; political economy of the environment; sustainability and security. Environmental diplomacy and grassroots environmentalism. Regionalized impacts of pressures on natural environments; challenges of adaptation.

Includes: Experiential Learning Activity Also listed as INAF 5701.

GEOG 5006 [0.5 credit]

Special Topics in Geography of the Environment

Research seminar on a selected theme within geographical approaches to environmental analysis. Topics will vary from year to year. Consult departmental web site for current details.

Includes: Experiential Learning Activity

GEOG 5103 [0.5 credit]

Hydrologic Principles and Methods

Advanced physical hydrology with emphasis on atmospheric moisture, precipitation, evaporation, infiltration, soil water physics, snow hydrology and runoff generation. Analytical approaches and methods to solve practical hydrological problems.

Includes: Experiential Learning Activity

GEOG 5104 [0.5 credit] Advanced Biogeography

Current methods and theories in paleoecology are examined: dendrochronology, paleolimnology and other techniques for examining past climates and environmental condition. Numerical approaches to climate change studies.

Includes: Experiential Learning Activity

GEOG 5107 [0.5 credit]

Field Study and Methodological Research

Field acquisition and analysis of geographic material; supervised field observations and methodology. (Individual or group basis, by special arrangement.).

Includes: Experiential Learning Activity

GEOG 5201 [0.5 credit]

Special Topics in the Geography of Development

Research seminar within geographical approaches to development focusing on a selected theme or region. Topics vary from year to year. Consult departmental web site for current details.

Includes: Experiential Learning Activity

GEOG 5303 [0.5 credit]

Geocryology

Development of ground ice in permafrost regions of Canada; ice segregation and pore-water expulsion during ground freezing; analytical and numerical approaches to modeling permafrost conditions.

Includes: Experiential Learning Activity Prerequisite(s): GEOG 4108 or permission of the Department.

GEOG 5307 [0.5 credit] Soil Resources

Physical, mineralogical, chemical, and other properties of soils will be studied in agricultural, environmental, geomorphological and/or geotechnical contexts, as relevant to the students enrolled.

Includes: Experiential Learning Activity

GEOG 5400 [0.5 credit] Territory and Territoriality

Contemporary geographical and international relations theorizing is challenging notions of boundaries and territories in the political organization of modernity. Using contemporary writings on geopolitics, security, sovereignty, self-determination and identity politics this course investigates territoriality as a political and intellectual strategy.

Includes: Experiential Learning Activity Also listed as INAF 5402.

GEOG 5406 [0.5 credit]

Special Topics in Cultural Geography

Research seminar on a selected theme within cultural (including historical) geography. Topic varies from year to year. Consult departmental web site for current details. Includes: Experiential Learning Activity

GEOG 5500 [0.5 credit]

Special Topics in the Study of Cities and Urbanization

Research seminar on a selected theme within geographical approaches to the study of cities and urbanization. Topics will vary from year to year. Consult departmental website for current details.

Includes: Experiential Learning Activity

GEOG 5502 [0.5 credit]

Special Topics in Geography of Globalization

Research seminar on a selected theme within geographical aspects of globalization. Topic varies from year to year. Consult departmental web site for current details.

Includes: Experiential Learning Activity

GEOG 5600 [0.5 credit] Empire and Colonialism

Theoretical approaches to empire and colonialism: postcolonial, feminist, Indigenous, anti-racist, queer, decolonizing, and political-economic approaches. Consideration of a range of sites of imperial and colonial formation, including land, territory, nature, the body, sexuality, gender, and race, as well as forms of resistance, resurgence, and decolonization.

Includes: Experiential Learning Activity

GEOG 5701 [0.5 credit]

Topics in Northern Human Geography

Political, social, economic, cultural, and environmental geographies of the Canadian North and/or circumpolar North. Topics may include climate change, resource development, politics and governance, knowledge and expertise, geopolitics, sovereignty, colonialism, Indigenous knowledge, Indigenous self-determination, conservation and wildlife, environmental politics. Includes: Experiential Learning Activity

GEOG 5803 [0.5 credit] Seminar in Geomatics

Current research issues in geomatics, including remote sensing, geographic information systems, geographic positioning, and cartography. Topics will focus on combined interests of enrolled students and departmental faculty.

Includes: Experiential Learning Activity
Prerequisite(s): prior experience with GIS, GPS, remote sensing or cartography and permission of the department.

GEOG 5804 [0.5 credit]

Geographic Information Systems

GIS for students with no previous experience. Includes data formats and structures, input/output and analysis capabilities, and GIS applications.

Includes: Experiential Learning Activity

GEOG 5900 [0.5 credit]

Graduate Tutorial

Tutorial, directed reading or research, offered on an individual basis, to meet specific program needs; may be taken in one of the areas of specialization of the Department.

Includes: Experiential Learning Activity

GEOG 5905 [0.5 credit]

Masters Research Workshop

A workshop which focuses on the challenges of research design in the various sub-fields of geography. The workshop will culminate with the development and defence of a thesis research proposal.

Includes: Experiential Learning Activity

GEOG 5906 [3.0 credits]

M.Sc. Thesis

Thesis supervision will be given in Physical Geography, as listed in the introductory section of this department's program description.

Includes: Experiential Learning Activity

GEOG 5909 [2.5 credits]

M.A. Thesis

Thesis supervision will be given in all areas of specialization of the Department, as listed in the introductory section of this department's program description.

Includes: Experiential Learning Activity

GEOG 6000 [0.5 credit]

Doctoral Core Seminar: Geography, Society and the Environment

Geographical perspectives on the development of society/ environment interrelations in Western thought and critiques thereof. The course is designed to represent and address integrative issues in the two fields of the program, the geography of social change and the geography of environmental change.

Includes: Experiential Learning Activity

GEOG 6001 [0.5 credit]

Doctoral Core Seminar: Geography, Society and the Environment

Geographical perspectives on the development of society/ environment interrelations in Western thought and critiques thereof. The course is designed to represent and address integrative issues in the two fields of the program, the geography of social change and the geography of environmental change.

Includes: Experiential Learning Activity

GEOG 6003 [0.5 credit]

Field Seminar: Geography of Societal Change

Analysis of current geographical and related research into the three themes of global political economy: restructuring and the environment; geographies of socio-cultural evaluation; and feminist geographies.

Includes: Experiential Learning Activity

GEOG 6004 [0.5 credit]

Field Seminar: Geography of Societal Change

Analysis of current geographical and related research into the three themes of global political economy: restructuring and the environment; geographies of socio-cultural evaluation; and feminist geographies. Includes: Experiential Learning Activity

GEOG 6006 [0.5 credit]

Field Seminar: Geography of Environmental Change

Analysis of geographical and related research into the appraisal and societal management of environmental resources, and environmental processes and anthropogenic impacts.

Includes: Experiential Learning Activity

GEOG 6007 [0.5 credit]

Field Seminar: Geography of Environmental Change

Analysis of geographical and related research into the appraisal and societal management of environmental resources, and environmental processes and anthropogenic impacts.

Includes: Experiential Learning Activity

GEOG 6906 [0.0 credit]

Comprehensive Examination: The Geography of Societal Change

This examination focuses on research challenges in theory and methodology in the themes of global political economy: restructuring and the environment; geographies of socio-cultural evaluation; feminist geographies. A specific theme will be identified for each candidate. Includes: Experiential Learning Activity

GEOG 6907 [0.0 credit]

Comprehensive Examination: The Geography of Environmental Change

This examination focuses on research challenges in theory and methodology associated with the appraisal and societal management of environmental resources, and environmental processes and anthropogenic impacts. A specific theme will be identified for each candidate. Includes: Experiential Learning Activity

GEOG 6909 [0.0 credit]

Ph.D. Thesis

Includes: Experiential Learning Activity