



SCHOOL OF GRADUATE STUDIES
AND RESEARCH

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Memo

TO: Georgina Moore, University Secretary

FROM: Janice Deakin, Associate Vice-Principal and Dean,
Graduate Studies and Research

DATE: March 25, 2009

RE: **Changes to Fields of Study in Geography Graduate Program**

As instructed in Patrick Deane's memo dated May 23, 2007, this memo informs Senate that in February 2009, the Council of the School of Graduate Studies and Research approved new fields of study in the graduate programs in the Department of Geography.

These changes have been approved by the Ontario Council on Graduate Studies as a result of the Department of Geography's periodic appraisal, completed in September 2008.

Here is the pertinent information:

Name of existing Master or PhD Programs: Doctor of Philosophy, Master of Arts, Master of Science

Names of new fields/areas of Study:

1. Geographies of Work, Identity, and Place
2. Geographies of Globalization, Development, Economies and Sustainability
3. Geographies of Bodies, Health, and Health Care
4. Geographies of Citizenship, Identity, Justice and Governance
5. Geographies of Postcolonialism, Indigenous Peoples and Place
6. Earth System Science
7. Geographic Information Science

Divisions of the new fields/areas of study:

1. Geographies of Work, Identity, and Place: Division V (5)
2. Geographies of Globalization, Development, Economies and Sustainability: Division V (5)
3. Geographies of Bodies, Health, and Health Care : Division V (5)
4. Geographies of Citizenship, Identity, Justice and Governance: Division V (5)
5. Geographies of Postcolonialism, Indigenous Peoples and Place: Division V (5)

6. Earth System Science: Division IV (4)
7. Geographic Information Science: Division IV (4)

Date approved by Divisions: January 22, 2009 (Division IV) and January 27, 2009 (Division V)

Date approved by SGS Council: February 11, 2009

Date the new fields/areas of study will commence and begin admitting students: September 2009

Attached is the documentation provided to Divisions and Council for review and approval of these matters.

Please contact me for further information or if you have any questions. Thank you for your assistance.

REVISIONS TO 2009-2010 GRADUATE CALENDAR

Previous description

Fields of Research

Studies at the Master's and Doctoral level are offered in the following areas:

URBAN AND ECONOMIC GEOGRAPHY

With emphasis on geographies of health, health care and social services, aging and population studies, the economic, social and cultural geographies of cities, urban and regional political economy, urban governance and policy, geographies of the new economy, innovation systems and local economic development, geographies of work, employment and labour, cities and globalization, development theory, urbanization and environmental justice in the developing world, and urban land use change detection and modeling. Regional emphases include North America, Latin America and the Caribbean, Europe and Africa.

HISTORICAL-CULTURAL GEOGRAPHY

With emphasis on critical histories of geography and critical geographies of urban social change; transnationalism and multiculturalism; indigenous cultures; cultural and ecological imperialism; material culture and representation; theories of place and space; cultures of fieldwork; antiracism; citizenship, human rights and environmental ethics; and gender, embodiment and emotion. Regional emphases include Canada, Latin America, Pacific Rim, and Europe.

EARTH SYSTEM SCIENCE

With an emphasis on the basic biophysical processes associated with past, current and potential change in the physical and ecological environments. The conceptual core is Earth System Science, and thus the interaction and linkages within spheres traditionally characterized as geomorphology, watershed hydrology, biogeography/ecology, and climatology. Current research focuses on paleoclimatology, paleohydrology, Quaternary environmental reconstruction, glaciolacustrine and glaciomarine environments, radiation, energy and carbon exchange analysis for selected forest ecosystems and participation in the Fluxnet-Canada Research Network, spectral/spatial/temporal analysis of optical remote sensing data, and landscape ecology, especially in relation to biodiversity and ecosystem functioning in forest and inshore-marine landscapes. Regional emphases include the Canadian montane, subarctic and Arctic, Boreal Forest, West Coast rainforests and marine environments, Greenland, and Antarctica.

New description

Fields of Research (Approved by OCGS, September 2008)

Studies at the Master's and Doctoral level are offered in the following areas:

1. Geographies of Work, Identity, and Place
Labour geographies; labour market restructuring and regulation; international divisions of labour; labour migration; knowledge, creativity and skills; employment equity; entrepreneurship; gender divisions of labour.
Faculty: Donald, Holmes, Kobayashi, Mullings
2. Geographies of Globalization, Development, Economies and Sustainability

Effects of globalization neoliberalism and the new economy; development economies and restructuring; industrial geographies; commodity chains and cultural economy; economy and governance; innovation; transnational economies; political economies of cities; global change and health; international political economy

Faculty: Donald, Holmes, Lovell, Mullings, Rosenberg

3. Geographies of Bodies, Health, and Health Care

The human and social body; socio/historical constructions of bodies; bodies and nature; access to health care; gender and health; emotional geographies; aging; demographic change; critical disability studies; food, nutrition, and food security; health and environment; environmental justice.

Faculty: Cameron, Davidson, Donald, Rosenberg

4. Geographies of Citizenship, Identity, Justice and Governance

Immigration; race and racism; feminist geographies; citizenship participation and social justice; social movements; identity, multiculturalism, and cosmopolitanism; urban citizenship; indigenous social justice (historical and contemporary); access to services; urban governance; urban land use planning and change; housing.

Faculty: Cameron, Chen, Davidson, Godlewska, Kobayashi, Mullings, Rosenberg

5. Geographies of Postcolonialism, Indigenous Peoples and Place

Historical and contemporary: practices of representation; indigenous places; literary geographies; colonial and postcolonial discourses; emotional geographies of place; cultural politics of race, class, and gender; geographies of nature and science.

Faculty: Cameron, Godlewska, Kobayashi, Lovell, Mullings, Rosenberg

6. Earth System Science

The broad emphasis in the field of Earth System Science is on developing an integrative understanding of the Earth as a physical system of interrelated phenomena. The focus is on the interaction and linkages between the lithosphere, atmosphere, hydrosphere, cryosphere, and biosphere and on physical, chemical, and biological processes operating at a wide range of spatial and temporal scales. Measurement, integration, and modelling of earth system elements to understand these linkages are key foci of research and graduate training activities. Field measurements and sample collection are matched with laboratory and data analysis, and modelling.

The overlapping foci of faculty research fall into two broad themes: **Forest Ecosystems** and **Cold Regions**. The former emphasises the primary biophysical and physiological processes of forest systems (especially boreal), exchange of energy, water, and trace gases, and local and regional integration with remote sensing and modelling approaches. The latter focus operates across diverse polar and alpine environments, with emphasis on hydrological, marine, geomorphic and biogeochemical processes and sedimentary systems.

Faculty: Chen, Gilbert, Lafrenière, Lamoureux, McCaughey, Scott, Treitz.

7. Geographic Information Science

Faculty examine the theoretical, technical and applied aspects of cartography, geographic information systems, remote sensing and image processing, and modeling of human and natural systems.

Specific research interests include: contemporary and historical cartography; land cover/use change detection and analysis; disease modeling; mapping/modeling human impacts on the environment; social, economical, and environmental interaction; biophysical remote sensing; image processing; resource/location optimization; geo-visualization; environmental exposure analysis; accuracy and error modeling.

Faculty: Barber, Chen, Godlewska, Scott, Treitz