

GEOGRAPHY AND PLANNING

Departmental Notes

Subject Code for Geography: **GPHY**

Subject Code for Urban and Regional Planning (Graduate Studies): **SURP**

World Wide Web Address: <http://queensu.ca/geographyandplanning/>

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Overview

The Department of Geography and Planning is an integrated department that studies the earth's places, societies, environments and landscapes. The Department is unique in bridging the social sciences and humanities (i.e., human geography) and planning with physical geography. Geography and Planning puts this understanding of social and physical processes within the context of places and regions - recognizing the great differences in cultures, political systems, economies, landscapes, and environments across the world, and the links between them. In physical geography we study natural processes, their interactions, and both naturally and human-generated environmental issues. In the social sciences we study a variety of social problems, with a special focus on the uneven distribution of resources and services at scales from the local to the global. In humanities research we explore how human beings have made, and continue to make, the places (physical, social and metaphorical) in which they live. In all these areas, Queen's Geography and Planning has scholars and teachers of international repute who are

dedicated to making a dynamic and innovative research and teaching environment and a warm and supportive interpersonal environment for our students and faculty.

Students who choose geography and planning for their degree in either the Bachelor of Arts or Bachelor of Science programs will develop the independent and self-directed learning skills needed to think laterally, critically, and creatively. These are skills that are critical to meeting the demands of the world as they will find it, and over which they may have influence. Geography and Planning provides an ideal framework for integrating other fields of knowledge. It is not surprising that geographers and planners often contribute substantially to the applied management of urban and regional systems, resources, and environments. Students in our program can select from courses in urban, economic, social, historical, and cultural geography, urban planning, as well as physical geography. Students can also take one of our two certificate programs in **Geographic Information Science (GIS)** (<https://queensu-ca-public.courseleaf.com/arts-science/schools-departments-programs/geography-planning/geographic-information-science-certificate/>) and **Urban Planning Studies** (<https://queensu-ca-public.courseleaf.com/arts-science/schools-departments-programs/geography-planning/urban-planning-studies-certificate/>) to focus on these two important areas of employment and research. A degree from the Department of Geography and Planning also provides a solid foundation in qualitative and quantitative research methods, remote sensing, and Geographic Information Science (GIS) and Urban Planning Studies to focus on these two important areas of employment and research. Students will be exposed to teamwork, active learning, real-world projects, and research in all aspects of geography.

Departmental Policies

Ancillary Fees

Any student who participates in a Geography and Planning course where there are field trips may be required to pay a fee. Any student who participates in a course that uses the Geographic Information Systems (GIS) Laboratory will be required to pay a GIS access fee to set up a network account in this specialized facility (Mackintosh-Corry Hall, E223) and receive a 24-hour access card. The GIS access fee is fully refundable upon return of the GIS access card.



Advice to Students

Prerequisites

Students wishing to take a course at the 200- or 300-level, for which they lack the stated prerequisites, may appeal to the Course Instructor to have the prerequisites waived. For admission to all 500-level courses, students need the consent of a supervising member of the Department and permission of the Undergraduate Committee based on the submission of a proposal.

Students in GPHY 502 and GPHY 503 are required to file a soft-cover, bound copy of their thesis with the Department upon completion of the course. Students in GPHY 503 are normally required to present their results orally to the department as a requirement for successful completion of the course. Students in GPHY 502 are encouraged, but not required, to do so.

Study Abroad Option

Students participating in any international study program are expected to meet all fourth-year prerequisites by the end of third year and need to plan their programs accordingly.

It is often difficult to equate directly courses completed on exchange programs to Queen's courses. Therefore, students planning to participate in a **third-year exchange** must complete the following courses at Queen's during their first two years:

General (<https://queensu-ca-public.courseleaf.com/arts-science/schools-departments-programs/geography-planning/geography-general-arts-ba/>)/**Minor (Arts)** (<https://queensu-ca-public.courseleaf.com/arts-science/schools-departments-programs/geography-planning/geography-minor-arts/>), **Joint Honours (Arts)** (<https://queensu-ca-public.courseleaf.com/arts-science/schools-departments-programs/geography-planning/geography-medial-arts-ba-honours/>), **Major (Arts)** (<https://queensu-ca-public.courseleaf.com/arts-science/schools-departments-programs/geography-planning/geography-major-arts-ba-honours/>)

Code	Title	Units
GPHY 101 & GPHY 102	Human Geography and Physical Geography and Natural Resources	6.00

Select two from the following: 6.00

GPHY 240 Introduction to Qualitative Methods in Geography

or SOCY 215 Social Research Methods

GPHY 242 Remote Sensing I: Remote Sensing of the Environment

GPHY 243 Geographic Information Science

GPHY 247 Introduction to Statistics

Select two from the following: 6.00

GPHY 227 Cities: Geography, Planning and Urban Life

GPHY 228 Geographies of the Global Political Economy

GPHY 229 Place, Space, Culture, and Social Life

General (<https://queensu-ca-public.courseleaf.com/arts-science/schools-departments-programs/geography-planning/geography-general-science-bs/>)/**Minor (Science)** (<https://queensu-ca-public.courseleaf.com/arts-science/schools-departments-programs/geography-planning/geography-minor-science/>), **Major (Science)** (<https://queensu-ca-public.courseleaf.com/arts-science/schools-departments-programs/geography-planning/geography-major-science-bs-honours/>)

Code	Title	Units
GPHY 101 & GPHY 102	Human Geography and Physical Geography and Natural Resources	6.00

GPHY 207 Principles of Biogeography 3.00

GPHY 208 Surface Processes, Landforms, and Soils 3.00

GPHY 209 Weather and Climate 3.00

GEOL 200 Oceanography 3.00

GPHY 247 Introduction to Statistics 3.00

Select one of the following 3.00

GPHY 242 Remote Sensing I: Remote Sensing of the Environment

GPHY 243 Geographic Information Science

Select one from the following: 6.00-12.00

General/Minor (Science) - 6.00 units from CHEM or MATH or PHYS at the 100-level or above

Major (Science) - 6.00 units from MATH or STAT at the 100-level or above; 6.00 units from CHEM or PHYS at the 100-level of above