



FOR APPROVAL

PUBLIC

OPEN SESSION

TO: UTSC Academic Affairs Committee

SPONSOR: Prof. William Gough, Interim Vice-Principal Academic and Dean,
CONTACT INFO: 416-208-7027, vpdean@utsc.utoronto.ca

PRESENTER: Prof. Mark Schmuckler, Vice-Dean, Undergraduate
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DATE: Wednesday, January 27, 2016

AGENDA ITEM: 4e

ITEM IDENTIFICATION:

Major modification to introduce a new Specialist in Human Geography (BA)

JURISDICTIONAL INFORMATION:

University of Toronto Scarborough Academic Affairs Committee (AAC) “is concerned with matters affecting the teaching, learning and research functions of the Campus” (*AAC Terms of Reference, Section 4*). Under section 5.6 of its terms of reference, the Committee is responsible for approval of “Major and minor modifications to existing degree programs.” The AAC has responsibility for the approval of Major and Minor modifications to existing programs as defined by the University of Toronto Quality Assurance Process (*UTQAP, Section 3.1*).

GOVERNANCE PATH:

1. UTSC Academic Affairs Committee [For Approval] (January 27, 2016)

PREVIOUS ACTION TAKEN:

No previous action in governance has been taken on this item.

HIGHLIGHTS:

The Department of Human Geography is proposing to introduce a new Specialist in Human Geography (BA), where there is an existing Major in Human Geography (BA).

The proposed Specialist in Human Geography will expand upon, and enhance, the course requirements and learning outcomes of the existing Major.

The existing Major provides strong and comprehensive training in human geography theory, research methods, and applications. The proposed Specialist will provide a more intensive learning experience with enhanced research methods training including strengthened requirements for independent research and research communication, as well as stronger foundations in critical thinking and writing. It will function as an important new option for students wanting to continue to graduate studies in Geography or Planning, and for students wanting to move directly into the workforce after graduation.

Now is an optimal time to initiate the proposed Specialist. As highlighted in both in a 2013-14 External Review report on the undergraduate programs housed in the Department of Human Geography, as well as in Department's recent academic plan, employment prospects for graduates of Human Geography and Geographic Information Science (GIS) programs are strong and increasing, in large part because of significant new flows of digital spatial data generated by smart phones and social media. High tech industries, marketers, local, provincial and federal government departments, city planners, and engineering firms increasingly require graduates with a strong understanding of, and ability to analyse, spatial data and patterns of spatial change of human societies. In addition, discussions with students currently completing a Major in Human Geography indicate strong interest in a Specialist program. Finally, with the recent growth of the Department, they now have the resources and capacity necessary to support a Specialist offering in this area of study.

The proposed Specialist is a major component of the Department's new 5-year academic plan in which they seek to leverage their existing strengths and resources to provide a greater diversity of learning options for Geography students at UTSC.

This proposal has been approved by the Human Geography Departmental Curriculum Committee. There has been extensive consultation within the Department, and the proposal has been reviewed by the Dean's Office, the Decanal Undergraduate Curriculum Committee and the Provost's Office.

FINANCIAL IMPLICATIONS:

There are no net financial implications to the campus' operating budget.

RECOMMENDATION:

Be It Resolved,

THAT the new Specialist in Human Geography (BA), as described in the proposal dated December 9, 2015 and recommended by the Interim Vice-Principal Academic and Dean, Professor William Gough, be approved effective April 1, 2016 for the academic year 2016-17.

DOCUMENTATION PROVIDED:

1. Major Modification B to introduce a new Specialist in Human Geography (BA), where there is an existing Major in Human Geography (BA) dated December 9, 2015.



University of Toronto Major Modification Proposal – Type B: Specialist or Major where there is an Existing Major or Specialist

What is being proposed:	Specialist in Human Geography (BA. where there is an existing Major in Human Geography (BA)
Department / Unit where the program will be housed:	Department of Human Geography
Start date of the program:	April 1, 2016
Faculty / Academic Division:	University of Toronto Scarborough
Faculty / Academic Division Contact:	Annette Knott, Academic Programs Officer aknott@utsc.utoronto.ca
Department/Unit Contact:	Andre Sorensen
Date of this version of the proposal:	December 9, 2015

1 Executive Summary

This is a proposal to introduce a new Specialist in Human Geography (BA), which will be housed in the Department of Human Geography at the University of Toronto Scarborough (UTSC).

The Department of Human Geography currently offers Major (BA) and Minor (Arts) programs in Human Geography. The proposed Specialist in Human Geography will expand upon, and enhance, the course requirements and learning outcomes of the existing Major.

The existing Major provides strong and comprehensive training in human geography theory, research methods, and applications. The proposed Specialist will provide a more intensive learning experience with enhanced research methods training including strengthened requirements for independent research and research communication, as well as stronger foundations in critical thinking and writing. It will function as an important new option for students wanting to continue to graduate studies in Geography or Planning, and for students wanting to move directly into the workforce after graduation.

Now is an optimal time to initiate the proposed Specialist. As highlighted in both in the External Review Report we received in 2013-14, and in our recent academic plan, employment prospects for graduates of Human Geography and Geographic Information Science (GIS) programs are strong and increasing, in large part because of significant new flows of digital spatial data generated by smart phones and social media. High tech industries, marketers, local, provincial and federal government departments, city planners, and engineering firms increasingly require graduates with a strong understanding of, and ability to analyse, spatial data and patterns of spatial change of human societies. In addition, discussions with students currently completing a Major in Human Geography indicate strong interest in a Specialist program. Finally, with the recent growth of the Department, we now have the resources and capacity necessary to support a Specialist offering in this area of study.

The proposed Specialist is a major component of the Department's new 5-year academic plan in which we seek to leverage our existing strengths and resources to provide a greater diversity of learning options for Geography students at UTSC.

The Department already offers a broad spectrum of courses that can support the program, and no new courses are needed.

2 Program Rationale

This is a proposal to introduce a new Specialist in Human Geography (BA), which will be housed in the Department of Human Geography at the University of Toronto Scarborough (UTSC). The Department of Human Geography currently offers Major (BA) and Minor (Arts) programs in Human Geography.

The proposed Specialist in Human Geography will expand upon, and enhance, the course requirements and learning outcomes of the existing Major. It will be a more in-depth program

that allows a deeper exploration of the subject; thus giving our strongest students the opportunity to engage in a richer, more intensive program, and allowing them to gain a sufficient depth of knowledge, and the enhanced methods and skills training they will need for entry into a graduate program, or to compete strongly in employment markets.

The study of Human Geography at UTSC is currently divided into three areas of focus: Urban Geography, Social/Cultural Geography, and Environmental Geography. Students in the existing Minor concentrate on only one area of focus, and are not required to complete any research methods courses. Students in the existing Major are encouraged to concentrate on two areas of focus, and are also required to develop a solid foundation in either quantitative or qualitative research methods. Students in the proposed Specialist will be encouraged to gain experience in all three areas of focus, and will be required to complete courses in both quantitative and qualitative research methods, thus ensuring they will develop strong independent research skills.

The primary goals and learning outcomes of the existing Major are to provide a solid foundational knowledge of contemporary geographical theory, research methods, and applications. Students in the Major program must complete a total of 7.0 credits, including first year courses which introduce major contemporary research areas and questions (Foundations), second year courses which introduce the historical development of geographical theory up to the present (Theory and Concepts), third year courses that apply theory and research methods to specific research topics (Research Methods, Applications) and fourth year courses that provide opportunities for students to carry out larger-scale research projects that draw on and apply ideas, theories, and research methods developed in prior years (Advanced Applications).

The primary goals and learning outcomes of the proposed Specialist are to ensure a broader and deeper knowledge of contemporary human geography theory and research, and to foster the development of stronger research, analysis, critical thinking, and writing skills. Students in the proposed Specialist will complete a total of 12.0 credits. Its course requirements are aligned with the existing Major, but have the following important differences: (1) enhanced methods training focused on both quantitative and qualitative research skills; (2) coverage of all three areas of concentration; (3) the C-level requirement increases from 2.5 credits to 5.5 credits; and (4) the D-level requirement increases from 0.5 credit to 1.0 credit.

Launching the proposed Specialist is a top priority in the Department's current academic plan because we wish to leverage our existing strengths and resources to provide a greater diversity of learning options for Geography students at UTSC.

The Department already offers a broad spectrum of courses that can support the program, and no new courses are needed.

3 Need and Demand

Now is an optimal time to initiate the proposed Specialist. As highlighted in both in the External Review Report we received in 2013-14, and in our recent academic plan, employment

prospects for graduates of Human Geography and GIS programs are strong and increasing, in large part because of significant new flows of digital spatial data generated by smart phones and social media. High tech industries, marketers, local, provincial and federal government departments, city planners, and engineering firms increasingly require graduates with a strong understanding of, and ability to analyse, spatial data and patterns of spatial change of human societies. Further, a strong training in the major research areas of human geography, including settlement patterns, migration flows, urbanization, and globalization are all very important for citizens in today’s rapidly changing world. Furthermore, Human Geography develops critical thinking, research, and writing skills that are applicable in a wide range of possible careers.

Table 1: Undergraduate Enrolment Projections

Level of study	Academic year	Academic year	Academic year	Academic year	Academic year	Academic year
1 st year	-	-	-	-	-	-
2 nd year	6	7	8	9	10	11*
3 rd year	6	7	8	9	10	11*
4 th year	7	8	9	10	11	12*
Total enrolment	19	22	25	28	31	34*

*Program should reach a steady rate by year 6

The projected enrolments are based on our current enrolment numbers for the Major Program in Human Geography. We estimate that 15% of students currently in our Major program will transfer to the proposed Specialist program. We anticipate 10% growth from year 1 to year 6, and expect to reach steady rate in the 6th year. Enrolment for students in their first year is not projected as students generally select their Subject POSt at the end of their first year.

4 Admission / Eligibility Requirements

Consistent with other programs in Human Geography, and aligned with the existing Major in Human Geography, there are no specific admission requirements for the proposed Specialist.

5 Program Requirements

Complete Program Description and Proposed Calendar copy:

Notes:

- Courses highlighted in yellow are also requirements or options in the Major (BA) in Human Geography
- Final Calendar copy for the proposed Specialist is given in Appendix A

- Calendar copy for the existing Major in Human Geography (BA) is given in Appendix B

SPECIALIST PROGRAM IN HUMAN GEOGRAPHY (ARTS)

Program Requirements

The Specialist Program in Human Geography requires the completion of 12.0 credits as follows:

1. Foundations of Human Geography (1.0 credit from among the following)

GGRA02H3 The Geography of Global Processes

GGRA03H3 Cities and Environments

GGRA35H3 The Great Scarborough Mashup: People, Place, Community, Experience

2. Theory and Concepts in Human Geography (2.5 credits)

GGRB02H3 The Logic of Geographical Thought

GGRB03H3 Writing Geography: From Good to Great

and

1.5 credits from among the following:

GGRB05H3 Urban Geography

GGRB13H3 Social Geography

GGRB21H3 Environments and Environmentalisms

GGRB28H3 Geographies of Disease

GGRB55H3 Cultural Geography

3. Methods (2.0 credits)

GGRA30H3 Geographic Information Systems (GIS) and Empirical Reasoning

STAB23H3 Introduction to Statistics for the Social Sciences (or equivalent) [Note: replaces STAB22H3 which is an option in the Major]

and 1.0 credits from:

GGRB30H3 Fundamentals of GIS I

GGRB32H3 Fundamentals of GIS II

GGRC31H3 Qualitative Geographical Methods: Place and Ethnography

4. Applications (5.5 credits)

5.5 additional credits at the C- and/or D-level in GGR courses

[Note: students in the existing Major complete an additional 2.5 credits at the C- and/or D-level in Applications courses]

5. Advanced Applications (1.0 credit)

1.0 credit at the D-level in GGR courses

[Note: students in the Major complete 0.5 credit in Advanced Applications]

Description of Courses Specifically Identified in the Program:

Note: Descriptions of optional C- and D-level courses are given in Appendix C

GGRA02H3 The Geography of Global Processes

Globalization from the perspective of human geography. The course examines how the economic, social, political, and environmental changes that flow from the increasingly global scale of human activities affect spatial patterns and relationships, the character of regions and places, and the quality of life of those who live in them.

Exclusion: GGR107H, (GGR107Y), GGR117Y

Breadth Requirement: Social & Behavioural Sciences

GGRA03H3 Cities and Environments

An introduction to the characteristics of modern cities and environmental issues, and their interconnections. Linkages between local and global processes are emphasized. Major topics include urban forms and systems, population change, the complexity of environmental issues such as climate change and water scarcity, planning for sustainable cities.

Exclusion: GGR107H, (GGR107Y), GGR117Y

Breadth Requirement: Social & Behavioural Sciences

GGRA30H3 Geographic Information Systems (GIS) and Empirical Reasoning

Confirmatory causal modeling and GIS; map as model; GIS data input; cartographic and GIS data structures; data errors and editing; elementary spatial analysis; measurement; map comparison; classification; statistical surfaces; spatial arrangement; privacy issues.

Breadth Requirement: Quantitative Reasoning

GGRA35H3 The Great Scarborough Mashup: People, Place, Community, Experience

Scarborough is a place of rapidly changing social geographies, and now contains one of the world's most extraordinary mixes of people. What do these changes mean, how can we understand and interpret them? This course introduces Human Geography as the study of people, place, and community through field trips, interviews, and guest lectures.

Enrolment Limits: 30; Restricted to first year undergraduate students.

Breadth Requirement: Social & Behavioural Sciences

GGRB02H3 The Logic of Geographical Thought

Many of today's key debates - for instance, on globalization, the environment, and cities - draw heavily from geographical thinking and what some have called the "spatial turn" in the social sciences. This course introduces the most important methodological and theoretical aspects of contemporary geographical and spatial thought, and serves as a foundation for other upper level courses in Geography.

Prerequisite: Any 4 credits

Enrolment Limits: 150

Breadth Requirement: Social & Behavioural Sciences

GGRB03H3 Writing Geography: From Good to Great

This course aims to develop critical reading and writing skills of human geography students.

Through a variety of analytical, reflexive, and descriptive writing assignments, students will practice how to draft, revise, and edit their writing on spatial concepts. Students will learn how

to conduct research for literature reviews, organize materials, and produce scholarly papers. They will also learn to cultivate their writing voice by engaging in a range of writing styles and forms such as blog posts, critical commentaries, travelogues, field notes, and research briefs. The course emphasizes writing clearly, succinctly, and logically.

Prerequisite: Any 4.0 credits

Breadth Requirement: Arts, Literature & Language

NOTE: Priority will be given to students enrolled in the Major program in Human Geography. Additional students will be admitted as space permits.

GGRB05H3 Urban Geography

This course will develop understanding of the geographic nature of urban systems and the internal spatial patterns and activities in cities. Emphasis is placed on the North American experience with some examples from other regions of the world. The course will explore the major issues and problems facing contemporary urban society and the ways they are analysed.

Area of Focus: Urban Geography

Prerequisite: Any 4 credits

Exclusion: GGR124H, (GGR124Y)

Enrolment Limits: 150

Breadth Requirement: Social & Behavioural Sciences

GGRB13H3 Social Geography

The reciprocal relations between spatial structures and social identities. The course examines the role of social divisions such as class, 'race'/ethnicity, gender and sexuality in shaping the social geographies of cities and regions. Particular emphasis is placed on space as an arena for the construction of social relations and divisions.

Area of Focus: Social/Cultural Geography

Prerequisite: Any 4 credits

Enrolment Limits: 150

Breadth Requirement: Social & Behavioural Sciences

GGRB21H3 Environments and Environmentalisms

This foundational course explores different conceptions of 'the environment' as they have changed through space and time. It also analyzes the emergence of different variants of environmentalism and their contemporary role in shaping environmental policy and practice.

Area of Focus: Environmental Geography

Exclusion: GGR222H, GGR223H

Enrolment Limits: 150

Breadth Requirement: Social & Behavioural Sciences

GGRB28H3 Geographies of Disease

Examines the geographical distribution of disease and the spatial processes in which diseases are embedded. Themes include spatial theories of health and disease and uneven development and health. Special attention will be given to the geographical dimension of the HIV pandemic.

Area of Focus: Social/Cultural Geography

Prerequisite: Any 4 credits
Enrolment Limits: 150
Breadth Requirement: Social & Behavioural Sciences

GGRB30H3 Fundamentals of GIS I

This course provides a practical introduction to digital mapping and spatial analysis using a geographic information system (GIS). The course is designed to provide hands-on experience using GIS to analyse spatial data, and create maps that effectively communicate data meanings. Students are instructed in GIS methods and approaches that are relevant not only to Geography but also to many other disciplines. In the lectures, we discuss mapping and analysis concepts and how you can apply them using GIS software. In the practice exercises and assignments, you then learn how to do your own data analysis and mapping, gaining hands-on experience with ArcGIS software, the most widely used GIS software.

Exclusion: GGR272H, GGR278H

Recommended Preparation: [GGRA30H3](#)

Enrolment Limits: 150
Breadth Requirement: Quantitative Reasoning

GGRB32H3 Fundamentals of GIS II

This course builds on GGRB30 Fundamentals of GIS, continuing the examination of theoretical and analytical components of GIS and spatial analysis, and their application through lab assignments. The course covers digitizing, topology, vector data models, remote sensing and raster data models and analysis, geoprocessing, map design and cartography, data acquisition, metadata, and data management, and web mapping.

Prerequisite: [GGRB30H3](#)

Enrolment Limits: 150
Breadth Requirement: Quantitative Reasoning

GGRB55H3 Cultural Geography

The course introduces core concepts in cultural geography such as race and ethnicity, identity and difference, public and private, landscape and environment, faith and community, language and tradition, and mobilities and social change. Emphasis will be on cross-disciplinary, critical engagement with current events, pop culture, and visual texts including comics, photos, and maps.

Area of Focus: Social/Cultural Geography

Prerequisite: Any 4.0 credits

Enrolment Limits: 150
Breadth Requirement: Social & Behavioural Sciences

GGRC31H3 Qualitative Geographical Methods: Place and Ethnography

Explores the practice of ethnography (i.e. participant observation) within and outside the discipline of geography, and situates this within current debates on methods and theory. Topics include: the history of ethnography, ethnography within geography, current debates within ethnography, the "field," and ethnography and "development."

Prerequisite: Any 8.0 credits

Enrolment Limits: 60

Breadth Requirement: History, Philosophy & Cultural Studies

STAB23H3 Introduction to Statistics for the Social Sciences (new)

This course covers the basic concepts of statistics and the statistical methods most commonly used in the social sciences. The first half introduces descriptive statistics and the inferential statistical methods. The second half introduces bivariate and multivariate methods, emphasizing contingency table analysis and Chi-square test, regression, and analysis of variance.

Exclusion: STAB22H3, ANTC35H3, MGEB11H3/(ECMB11H3), (POLB11H3), PSYB07H3, (SOCB06H3), STAB52H3, STAB57H3, STA220H, STA250H

Breadth Requirement: Quantitative Reasoning

6 Program Structure, Learning Outcomes, and Degree Level Expectations

Degree Level Expectations	Clearly describe how the Program Learning Outcomes will support the degree level expectations. Indicate how the learning outcomes for the proposed program differ from the learning outcomes for the existing program(s).	Clearly describe how the program design/structure will support the program learning outcomes.
1. Depth and Breadth of Knowledge Depth of Knowledge: is attained through a progression of introductory, core and specialized courses. Specialized courses will normally be at the C and D levels. Breadth of Knowledge:	Depth and breadth of knowledge is understood in the proposed Specialist as a thorough knowledge of the main theoretical frameworks, research methods, debates, and research agendas in Human Geography, with a focus on those in Urban Geography,	The proposed Specialist program follows the fundamental design of the existing Major, but provides more depth. The requirement elements that ensure these outcomes for depth and breadth of knowledge are: Requirement 1 of the program (Foundations of Human Geography) provides an introduction to many of the major themes, concepts and

<p>students will gain an appreciation of the variety of modes of thinking, methods of inquiry and analysis, and ways of understanding the world that underpin different intellectual fields.</p>	<p>Social/Cultural Geography, and Environmental Geography.</p> <p>This is reflected in students who are able to: independently carry out well designed research projects in one of the sub-disciplines of Human Geography that contribute to current research literature, employ relevant research methods, and arrive at conclusions that are supported by the evidence analysed.</p> <p>The primary difference between the proposed Specialist and the existing Major is that the Specialist allows a greater depth and breadth of engagement with human geography theory and practice.</p>	<p>research questions of human geography.</p> <p>In requirement 2 of the program (Theory and Concepts in Human Geography), GGRB02H3 The Logic of Geographical Thought and GGRB03H3 Writing Geography: From Good to Great provide an overview of the major theories and formative thinkers of Human Geography, and give students the opportunity to develop skills in logical argument, concept development and writing, respectively.</p> <p>The other B-level courses each present the key ideas and concepts of major human geography sub-disciplines, and develop major research and writing skills.</p> <p>In requirement 4 of the proposed program (Applications), we will offer a rich selection of C-level applications courses in each of our main sub-disciplines, Urban, Social/Cultural, and Environmental Geography. These courses offer students an introduction to more advanced literature and research agendas, and provide opportunities for students to learn through the development of their own research assignments.</p> <p>Finally, in requirement 5 of the proposed program (Advanced Applications) each student must take two D-level advanced applications courses, where they will participate in smaller seminar style classes to learn to present their ideas and interpretations, and in order to carry out a significant research project of their own design.</p>
<p>2. Knowledge of Methodologies</p> <p>Students have a working knowledge of different methodologies and approaches relevant to their area of study. They are able to evaluate the efficacy of different methodologies in addressing questions that arise in their area of study.</p>	<p>Graduates of the proposed Specialist will have an excellent grasp of current research methods, including working knowledge of statistics for social sciences, as well as proficiency in GIS data management, analysis, and cartography Students will also develop proficiency in the application of qualitative research methods, including ethnographic interviews, and the structured analysis of qualitative research data.</p> <p>The primary difference between the existing Major and</p>	<p>Students in the proposed Specialist must complete 2.0 credits in methods courses, and will have the opportunity to pursue individual methods further in designated C- and D-level courses.</p> <p>Since research methods are central to human geography research, requirement 3 of the proposed program focuses methods training. We believe that all students in the social sciences should understand basic statistics concepts and methods, so STAB23H3 is a required course. Students will also be strongly encouraged to become proficient in GIS data management, spatial analysis methods, and cartography by taking GGRB30H3 and GGRB32H3. We also offer an excellent course that introduces students to qualitative and ethnographic research methods – GGRC31H3 Qualitative Geographical Methods:</p>

	the proposed Specialist is that, in the Major students develop proficiency in either qualitative or quantitative methodologies, while in the Specialist they develop proficiency in both.	Place and Ethnography. Enhanced methods requirements in the Specialist will contribute to stronger graduating students.
<p>3. Application of Knowledge</p> <p>Students are able to frame relevant questions for further inquiry. They are familiar with, or will be able to seek the tools with which, they can address such questions effectively.</p>	Upon completion of the proposed Specialist students will know how to design a research project and research questions, gather relevant data to answer their research questions, and present the results in a meaningful way.	Students in the proposed Specialist will develop a solid foundation of basic concepts and theories through A- and B-level courses. Then, in C- and D- level courses students will develop strong skills in knowledge application and generation. Assignments in C-level Applications courses require careful application of specific research methods. The broad range of applications courses give students an opportunity to apply and improve their research, analysis, and writing skills in different settings. D-level Advanced Applications courses are more demanding, requiring students to undertake more complex research projects, and present the results in a variety of forms, including essays, posters, and presentations. The design of the program requires the introduction of major theoretical frameworks and research methods, followed by opportunities to complete increasingly complex research projects, culminating in several substantive research projects in the final year.
<p>4. Awareness of Limits of Knowledge</p> <p>Students gain an understanding of the limits of their own knowledge and an appreciation of the uncertainty, ambiguity, and limits to our collective knowledge and how these might influence analyses and interpretations.</p>	<p>Human Geography is a fundamentally critical discipline, which challenges students to question basic ideas about the relationships between space, place, human activity, and human understanding through processes of change over time.</p> <p>Upon completion of the proposed Specialist students will be able to think critically about, and conduct research which challenges, these relationships.</p>	<p>Most courses are designed to challenge received understandings and develop critical thinking and evidence-evaluation capacities, and required readings are designed to present multiple conflicting interpretations of particular spatial processes, to encourage critical thinking.</p> <p>In particular, GGRA30H3 GIS and Empirical Reasoning introduces students to a wide range of research methods that engage with and analyse spatial data, with a particular focus on the strengths and weaknesses of different methods. GGRB02H3 The Logic of Geographic Thought introduces geographical theories of space and place as an incomplete and evolving project in which theories compete to provide convincing explanations of existing data. GGRC31H3 introduces qualitative research methods and the challenges of interpretation when using qualitative data.</p>
<p>5. Communication Skills</p> <p>Students are able to communicate information, arguments, and</p>	Human geography education focuses on the main communication skills of writing,	Increasingly challenging research and writing assignments from the first to fourth year provide many opportunities to learn writing skills, but we

<p>analyses accurately and reliably, both orally and in writing. They learn to read and to listen critically.</p>	<p>oral presentation and discussion, and mapping.</p> <p>Graduates of the proposed Specialist will be able to write strong essays and papers, present their findings in public settings, and create maps of spatial phenomena.</p>	<p>focus on providing intensive instruction in writing logical, well structured, and clearly written essays at the B-level, in tutorials, and through GGRB03H3 Writing Geography. C-level courses provide opportunities for longer scaffolded essay assignments, while D-level courses require a major written research project. Presentation of research results is a feature of many of our advanced courses.</p> <p>In addition, D-level courses are capped at 25 students and are structured as seminars in which students must learn to participate in discussions, and communicate ideas clearly.</p>
<p>6. Autonomy and Professional Capacity</p> <p>The education students receive achieves the following broad goals:</p> <ul style="list-style-type: none"> • It gives students the skills and knowledge they need to become informed, independent and creative thinkers • It instills the awareness that knowledge and its applications are influenced by, and contribute to, society • It lays the foundation for learning as a life-long endeavour 	<p>Human geography focuses explicitly on the interaction between knowledge, human behaviour, and space at multiple scales, and the way these are structured by and structure society.</p> <p>The proposed Specialist is an intensified program that links theory to method and student-led research projects. Graduates will develop the ability to conduct independent research, and will have strengthened critical thinking skills.</p>	<p>Through the progression from theory and research methods, to applications, to major research projects, the proposed Specialist is designed to provide the concepts, research tools, and opportunities for students to carry out research independently, and develop their critical thinking capacities.</p>

7 Consultation

The proposed Specialist is a major feature of the Department’s current academic plan, and has consequently been discussed extensively within the Department. There is unanimous support from the faculty in the Department for the proposed program.

The proposed program will not impact any other units, faculties or divisions.

8 Resources

8.1 Faculty requirements

This program will be supported by all geography faculty currently appointed to the Department of Human Geography. This includes two full Professors, three Associate Professors, six Assistant

professors, and one Lecturer.

Over the past five years, the Department of Human Geography has greatly increased its faculty complement, and we are able to offer the Specialist program with existing faculty, TA and administrative resources. In addition, over the course of the next 5 years – the period covered by our most recent academic plan, we anticipate approval to hire additional faculty, as well as approval for additional TA support based on increases in enrolment.

8.2 Space/Infrastructure

No additional space or equipment will be necessary.

9 Governance Process:

Levels of Approval Required	Dates
Departmental Curriculum Committee	July 13, 2015
Decanal Sign Off	December 11, 2015
DUCC (Undergraduate)	December 21, 2015
UTSC Academic Affairs Committee	January 27, 2016
Submission to Provost's Office	
Report to AP&P	
Report to Ontario Quality Council	

Appendix A: Final Calendar Entry for the Proposed Specialist in Human Geography (BA)

SPECIALIST PROGRAM IN HUMAN GEOGRAPHY (ARTS)

Program Requirements

The Specialist Program in Human Geography requires the completion of 12.0 credits as follows:

1. Foundations of Human Geography (1.0 credit from among the following)

GGRA02H3 The Geography of Global Processes

GGRA03H3 Cities and Environments

GGRA35H3 The Great Scarborough Mashup: People, Place, Community, Experience

2. Theory and Concepts in Human Geography (2.5 credits)

GGRB02H3 The Logic of Geographical Thought

GGRB03H3 Writing Geography: From Good to Great

and

1.5 credits from among the following:

GGRB05H3 Urban Geography

GGRB13H3 Social Geography

GGRB21H3 Environments and Environmentalisms

GGRB28H3 Geographies of Disease

GGRB55H3 Cultural Geography

3. Methods (2.0 credits)

GGRA30H3 Geographic Information Systems (GIS) and Empirical Reasoning

STAB23H3 Introduction to Statistics for the Social Sciences (or equivalent)

and 1.0 credits from:

GGRB30H3 Fundamentals of GIS I

GGRB32H3 Fundamentals of GIS II

GGRC31H3 Qualitative Geographical Methods: Place and Ethnography

4. Applications (5.5 credits)

5.5 additional credits at the C- and/or D-level in GGR courses

5. Advanced Applications (1.0 credit)

1.0 credit at the D-level in GGR courses

Appendix B: Calendar Entry for the Major in Human Geography (BA)

Human Geography Areas of Focus

*Indicates a course that crosses two areas of focus.

Urban Geography	Social/Cultural Geography	Environmental Geography
GGRB05H3 Urban Geography GGRC10H3 Urbanization and Development GGRC11H3 Current Topics in Urban Geography GGRC12H3 Transportation Geography GGRC13H3 Urban Political Geography GGRC27H3 Location and Spatial Development GGRC33H3 The Toronto Region GGRC34H3 Crowd-sourced Urban Geographies GGRC40H3 Megacities and Global Urbanization GGRC45H3 Local Geographies of Globalization* GGRC48H3 Geographies of Urban Poverty GGRC50H3 Geographies of Education* GGRD14H3 Social Justice and the City* GGRD25H3 Research Seminar in Urban Spaces	GGRB13H3 Social Geography GGRB28H3 Geographies of Disease GGRB55H3 Cultural Geography GGRC02H3 Population Geography GGRC09H3 Current Topics in Social Geography GGRC24H3 Socio-Natures and the Cultural Politics of 'The Environment'* GGRC45H3 Local Geographies of Globalization* GGRC49H3 Land, Development, and Struggle in Latin America* GGRC50H3 Geographies of Education* GGRC56H3 Spaces of Travel: Unsettling Migration, Tourism, and Everyday Mobilities GGRD09H3 Feminist Geographies GGRD10H3 Health and Sexuality GGRD14H3 Social Justice and the City* GGRD19H3 Spaces of Multiraciality: Critical Mixed Race Theory	GGRB21H3 Environments and Environmentalisms GGRC21H3 Current Topics in Environmental Geography GGRC22H3 Political Ecology Theory and Applications GGRC24H3 Socio-Natures and the Cultural Politics of 'The Environment'* GGRC25H3 Land Reform and Development GGRC26H3 Geographies of Environmental Governance GGRC44H3 Environmental Conservation and Sustainable Development GGRC49H3 Land, Development, and Struggle in Latin America* GGRD08H3 Research Seminar in Environmental Geography

MAJOR PROGRAM IN HUMAN GEOGRAPHY (ARTS)

A Major Program for students interested in Human Geography as an academic discipline. This Program equips students with the knowledge and skills needed to understand contemporary social science thought in the context of the communities, societies, and economies formed by human populations, and the ways in which location, landscape, and spatial context shape (and are shaped by) social structures, functioning, and behaviour.

Guidelines for 1st year course selection

Students intending to complete the Major Program in Human Geography are required to take two of [GGRA02H3](#), [GGRA03H3](#) or [GGRA35H3](#). Enrollment in [GGRA35H3](#) is limited and restricted to first year students. Students are also encouraged to take [GGRA30H3](#) in their first year as a methods course.

Guidelines for Major Program completion:

Courses in the Major Program in Human Geography are divided into three main subdisciplinary areas of focus: Urban Geography, Social/Cultural Geography and Environmental Geography. Major students are encouraged to focus on two areas of focus after second year.

Program Requirements

The Major Program in Human Geography requires a total of 7.0 full credits as follows:

1. **Foundations of Human Geography (1.0 credit from the following):**

[GGRA02H3](#) The Geography of Global Processes

[GGRA03H3](#) Cities and Environments

[GGRA35H3](#) The Great Scarborough Mashup: People, Place, Community, Experience

2. **Theory and Concepts in Human Geography (2.0 credit):**

[GGRB02H3](#) The Logic of Geographical Thought

and

1.5 credits from:

[GGRB05H3](#) Urban Geography

[GGRB13H3](#) Social Geography

[GGRB21H3](#) Environments and Environmentalisms

[GGRB28H3](#) Geographies of Disease

[GGRB55H3](#) Cultural Geography

3. **Methods (1.0 credit from the following):**

[GGRA30H3](#) Geographic Information Systems (GIS) and Empirical Reasoning

[GGRB03H3](#) Writing Geography: From Good to Great

[GGRB30H3](#) Fundamentals of GIS I

[GGRB32H3](#) Fundamentals of GIS II

[GGRC31H3](#) Qualitative Geographical Methods: Place and Ethnography

[STAB22H3](#) Statistics I or equivalent

4. **Applications (2.5 credits):**

2.5 credits at the C- and/or D-level in GGR courses

5. **Advanced Applications (0.5 credit):**

0.5 credit at the D-level in GGR courses

Appendix C: List of Optional C- and D-level Courses for the Specialist

[GGRC01H3](#) Supervised Readings in Human Geography

An independent supervised reading course open only to students in the Major Program in Human Geography. An independent literature review research project will be carried out under the supervision of an individual faculty member.

Prerequisite: 10 full credits including completion of the following requirements for the Major Program in Human Geography: 1) Introduction, 2) Theory and Concepts, 3) Methods; & a cumulative GPA of at least 2.5.

[GGRC02H3](#) Population Geography

An examination of the geographical dimension to human population through the social dynamics of fertility, mortality and migration. Themes include disease epidemics, international migration, reproductive technologies, and changing family structure.

Area of focus: Social/Cultural Geography

Prerequisite: Any 8.0 credits

Exclusion: GGR323H, GGR208H

Recommended Preparation: [GGRB02H3](#) or [CITB02H3](#)

Enrolment Limits: 60

Breadth Requirement: Social & Behavioural Sciences

[GGRC09H3](#) Current Topics in Social Geography

Examination and discussion of current trends and issues in social geography, with particular emphasis on recent developments in concepts and methods. This course is a unique opportunity to explore a particular topic in-depth, the specific content will vary from year to year.

Area of focus: Social/Cultural Geography

Prerequisite: Any 8.0 credits

Enrolment Limits: 60

Breadth Requirement: Social & Behavioural Sciences

[GGRC10H3](#) Urbanization and Development

Examines global urbanization processes and the associated transformation of governance, social, economic, and environmental structures particularly in the global south. Themes include theories of development, migration, transnational flows, socio-spatial polarization, postcolonial geographies of urbanization.

Area of focus: Urban Geography

Prerequisite: Any 8.0 credits

Recommended Preparation: [GGRB05H3](#) or [CITB02H3](#) or [IDSA01H3](#)

Enrolment Limits: 60

Breadth Requirement: Social & Behavioural Sciences

[GGRC11H3](#) Current Topics in Urban Geography

Examination and discussion of current trends and issues in urban geography, with particular emphasis on recent developments in concepts and methods. This course is a unique opportunity to explore a particular topic in-depth, the specific content will vary from year to year.

Area of focus: Urban Geography

Prerequisite: Any 8.0 credits

Recommended Preparation: [GGRB05H3](#) or [CITB02H3](#)

Enrolment Limits: 60

Breadth Requirement: Social & Behavioural Sciences

[GGRC12H3](#) Transportation Geography

Transportation systems play a fundamental role in shaping social, economic and environmental outcomes in a region. This course explores geographical perspectives on the development and functioning of transportation systems, interactions between transportation and land use, and costs and benefits associated with transportation systems including: mobility, accessibility, congestion, pollution, and livability.

Area of focus: Urban Geography

Prerequisite: Any 8.0 credits including [GGRA30H3](#) and [[GGRB05H3](#) or [CITB02H3](#)]

Exclusion: GGR370H, GGR424H

Recommended Preparation: [GGRB30H3](#)

Enrolment Limits: 60

Breadth Requirement: Social & Behavioural Sciences

[GGRC13H3](#) Urban Political Geography

Geographical approach to the politics of contemporary cities with emphasis on theories and structures of urban political processes and practices. Includes nature of local government, political powers of the property industry, big business and community organizations and how these shape the geography of cities.

Area of focus: Urban Geography

Prerequisite: Any 8.0 credits

Recommended Preparation: [GGRB05H3](#) or [CITB02H3](#) or [PPGC66H3](#)/([POLC66H3](#))

Enrolment Limits: 60

Breadth Requirement: Social & Behavioural Sciences

[GGRC21H3](#) Current Topics in Environmental Geography

Examination and discussion of current trends and issues in environmental geography, with particular emphasis on recent developments in concepts and methods. This course is a unique opportunity to explore a particular topic in-depth, the specific content will vary from year to year.

Area of focus: Environmental Geography

Prerequisite: Any 8.0 credits

Recommended Preparation: [GGRB21H3](#)

Enrolment Limits: 60

Breadth Requirement: Social & Behavioural Sciences

[GGRC22H3](#) Political Ecology Theory and Applications

Explores how politics, the economy, history and culture shape, and are shaped by interactions of people with the physical environment. Analysis moves beyond the roles government and interest groups in shaping environmental policies, to expanding our understanding of 'politics' in (i) environmental discourses and knowledge; (ii) economic systems; (iii) regimes of natural resource ownership and use; and (iv) everyday struggles within and between communities and interest groups as they shape human-nature relationships.

Area of focus: Environmental Geography

Prerequisite: Any 8.0 credits

Recommended Preparation: [GGRB21H3](#) or [IDSB02H3](#) or [ESTB01H3](#)

Enrolment Limits: 60

Breadth Requirement: Social & Behavioural Sciences

[GGRC24H3](#) Socio-Natures and the Cultural Politics of 'The Environment'

Explores the processes through which segments of societies come to understand their natural surroundings, the social relations that produce those understandings, popular representations of nature, and how 'the environment' serves as a consistent basis of social struggle and contestation.

Areas of focus: Environmental Geography; Social/Cultural Geography

Prerequisite: Any 8.0 credits

Recommended Preparation: [GGRB21H3](#)

Enrolment Limits: 60

Breadth Requirement: Social & Behavioural Sciences

[GGRC25H3](#) Land Reform and Development

Land reform, which entails the redistribution of private and public lands, is broadly associated with struggles for social justice. It embraces issues concerning how land is transferred (through forceful dispossession, law, or markets), and how it is currently held. Land inequalities exist all over the world, but they are more pronounced in the developing world, especially in countries that were affected by colonialism. Land issues, including land reform, affect most development issues.

Area of focus: Environmental Geography

Prerequisite: Any 8.0 credits

Recommended Preparation: [GGRB21H3](#) or [AFSB01H3](#) or [IDSB02H3](#) or [ESTB01H3](#)

Enrolment Limits: 60

Breadth Requirement: Social & Behavioural Sciences

[GGRC26H3](#) Geographies of Environmental Governance

This course addresses the translation of environmentalisms into formalized processes of environmental governance; and examines the development of environmental institutions at different scales, the integration of different forms of environmental governance, and the ways in which processes of governance relate to forms of environmental practice and management.

Area of focus: Environmental Geography

Prerequisite: Any 8.0 credits

Recommended Preparation: [GGRB21H3](#) or [ESTB01H3](#)

Enrolment Limits: 60

Breadth Requirement: Social & Behavioural Sciences

[GGRC27H3](#) Location and Spatial Development

Location of a firm; market formation and areas; agricultural location; urban spatial equilibrium; trade and spatial equilibrium; locational competition; equilibrium for an industry; trade and location.

Area of focus: Urban Geography

Prerequisite: [MGEA01H3](#)/([ECMA01H3](#)) & [([GGRB02H3](#) & [GGRB05H3](#)) or ([CITB01H3](#) & [CITB02H3](#))] or [([MGEB01H3](#)/([ECMB01H3](#)) or [MGEB02H3](#)/([ECMB02H3](#)))] & [[MGEB05H3](#)/([ECMB05H3](#)) or [MGEB06H3](#)/([ECMB06H3](#))]

Exclusion: ([GGRB27H3](#)), [GGR220Y](#)

Enrolment Limits: 60

Breadth Requirement: Social & Behavioural Sciences

[GGRC30H3](#) Advanced GIS

This course covers advanced theoretical and practical issues of using GIS systems for research and spatial analysis. Students will learn how to develop and manage GIS research projects, create and analyze three-dimensional surfaces, build geospatial models, visualize geospatial data, and perform advanced spatial analysis. Lectures introduce concepts and labs implement them.

Prerequisite: [GGRB32H3](#)

Exclusion: GGR373H

Enrolment Limits: 60

Breadth Requirement: Quantitative Reasoning

[GGRC32H3](#) Essential Spatial Analysis

This course builds on introductory statistics and GIS courses by introducing students to the core concepts and methods of spatial analysis. With an emphasis on spatial thinking in an urban context, topics such as distance decay, distance metrics, spatial interaction, spatial distributions, and spatial autocorrelation will be used to quantify spatial patterns and identify spatial processes. These tools are the essential building blocks for the quantitative analysis of urban spatial data.

Area of focus: Urban Geography

Prerequisite: Any 8.0 credits including [[STAB22H3](#) and [GGRB30H3](#)]

Exclusion: GGR276H

Enrolment Limits: 60

Breadth Requirement: Quantitative Reasoning

[GGRC33H3](#) The Toronto Region

This course examines issues of urban form and structure, urban growth and planning in the Toronto region. Current trends in population, housing, economy, environment, governance, transport, urban design and planning practices at the local level and the regional scale will be examined critically.

Area of focus: Urban Geography

Prerequisite: Any 8.0 credits

Recommended Preparation: [GGRB05H3](#) or [CITB02H3](#)

Enrolment Limits: 60

Breadth Requirement: Social & Behavioural Sciences

[GGRC34H3](#) Crowd-sourced Urban Geographies

Significant recent transformations of geographic knowledge are being generated by the ubiquitous use of smartphones and other distributed sensors, while web-based platforms such as Open Street Map and Public Participation GIS (PPGIS) have made crowd-sourcing of geographical data relatively easy. This course will introduce students to these new geographical spaces, approaches to creating them, and the implications for local democracy and issues of privacy they pose.

Area of focus: Urban Geography

Prerequisite: [GGRB05H3](#) or [GGRB30H3](#)

Recommended Preparation: [GGRB32H3](#)

Enrolment Limits: 60

Breadth Requirement: Social & Behavioural Sciences

[GGRC40H3](#) Megacities and Global Urbanization

The last 50 years have seen dramatic growth in the global share of population living in megacities over 10 million population, with most growth in the global south. Such giant cities present distinctive

infrastructure, health, water supply, and governance challenges, which are increasingly central to global urban policy and health.

Area of focus: Urban Geography

Prerequisite: Any 8.0 credits

Exclusion: ([CITC40H3](#))

Recommended Preparation: [GGRB05H3](#) or [CITB02H3](#)

Enrolment Limits: 60

Breadth Requirement: Social & Behavioural Sciences

[GGRC41H3](#) Current Topics in Human Geography

Examination and discussion of current trends and issues in human geography, with particular emphasis on recent developments in concepts and methods. This course is an unique opportunity to explore a particular topic in-depth, the specific content will vary from year to year.

Prerequisite: Any 8.0 credits

Recommended Preparation: GGRB20H3

Enrolment Limits: 60

Breadth Requirement: Social & Behavioural Sciences

[GGRC44H3](#) Environmental Conservation and Sustainable Development

Deals with two main topics: the origins of environmental problems in the global spread of industrial capitalism, and environmental conservation and policies. Themes include: changes in human-environment relations, trends in environmental problems, the rise of environmental awareness and activism, environmental policy, problems of sustainable development.

Area of focus: Environmental Geography

Prerequisite: Any 8.0 credits

Exclusion: GGR233Y, (GGRB20H3)

Recommended Preparation: [GGRB21H3](#) or [IDSB02H3](#) or [ESTB01H3](#)

Enrolment Limits: 80

Breadth Requirement: Social & Behavioural Sciences

[GGRC45H3](#) Local Geographies of Globalization

Examines the localized consequences of global processes. Toronto will be used as a site for understanding how individuals interact with and experience the effects of globalizing forces differently based on their unique conditions of life and how they respond to the challenges and opportunities of a globalized world.

Areas of focus: Urban or Social/Cultural Geography

Prerequisite: Any 8.0 credits

Recommended Preparation: [GGRB05H3](#)

Enrolment Limits: 60

Breadth Requirement: Social & Behavioural Sciences

[GGRC48H3](#) Geographies of Urban Poverty

How have social and economic conditions deteriorated for many urban citizens? Is the geographic gap widening between the rich and the poor? This course will explore the following themes: racialization of poverty, employment and poverty, poverty and gender socio-spatial polarization, and housing and homelessness.

Area of focus: Urban Geography

Prerequisite: Any 8.0 credits

Recommended Preparation: [GGRB05H3](#) or [CITB02H3](#) or [IDSA01H3](#)
Enrolment Limits: 60
Breadth Requirement: Social & Behavioural Sciences

[GGRC49H3](#) Land, Development, and Struggle in Latin America

The politics of land and territorial rights are a central theme in international development practice in Latin America. This course attends to how development policy shapes access to, control of, and struggles over land and natural resources. The land and territorial struggles of women and indigenous, Afro-descendant and campesino communities inform course content.

Areas of focus: Environmental or Social/Cultural Geography

Prerequisite: Any 8.0 credits

Recommended Preparation: [GGRB13H3](#) or [GGRB21H3](#) or [IDSA01H3](#)

Enrolment Limits: 60

Breadth Requirement: Social & Behavioural Sciences

[GGRC50H3](#) Geographies of Education

Explores the social geography of education, especially in cities. Topics include geographical educational inequalities; education, class and race; education, the family, and intergenerational class immobility; the movement of children to attend schools; education and the 'right to the city.'

Areas of focus: Urban or Social/Cultural Geography

Prerequisite: Any 8.0 credits

Recommended Preparation: [GGRB05H3](#) or [GGRB13H3](#)

Enrolment Limits: 60

Breadth Requirement: Social & Behavioural Sciences

[GGRC54H3](#) Human Geography Field Trip

Provides an opportunity to engage in a field trip and field research work on a common research topic. The focus will be on: preparation of case study questions; methods of data collection including interviews, archives, and observation; snowballing contacts; and critical case-study analysis in a final report.

Prerequisite: [GGRB02H3](#) and 1.0 additional credit at the B-level in GGR

Enrolment Limits: 30; Restricted to students in the Human Geography Major.

Breadth Requirement: Social & Behavioural Sciences

[GGRC56H3](#) Spaces of Travel: Unsettling Migration, Tourism, and Everyday Mobilities

Cultural Politics and political economy of travel and mobilities across time and space. Covers migration and immigration, tourism and travel encounters, diaspora and displacement, religious missions and pilgrimages, study abroad and working holiday, transportation and communication technologies, and narratives of time travel. Addresses how these extraordinary and everyday mobilities and immobilities inform geographies of race, gender, sexuality, and nation.

Area of focus: Social/Cultural Geography

Prerequisite: Any 8.0 credits

Recommended Preparation: [GGRB13H3](#) or [CITB02H3](#) or [SOCB60H3](#)

Enrolment Limits: 60

Breadth Requirement: Social & Behavioural Sciences

[GGRD01H3](#) Supervised Research Project

An independent studies course open only to students in the Major Program in Human Geography. An independent studies project will be carried out under the supervision of an individual faculty member.

Prerequisite: 13.0 credits including [GGRB02H3](#)

[GGRD08H3](#) Research Seminar in Environmental Geography

Designed for final-year Human Geography Majors, this seminar is devoted to analysis and discussion of advanced theoretical and methodological issues in Environmental Geography. Specific content will vary from year to year. Seminar format with active student participation.

Area of focus: Environmental Geography

Prerequisite: 13.0 credits including [GGRB21H3](#)

Enrolment Limits: 20

Breadth Requirement: Social & Behavioural Sciences

[GGRD09H3](#) Feminist Geographies

How do gender relations shape different spaces? We will explore how feminist geographers have approached these questions from a variety of scales - from the home, to the body, to the classroom, to the city, to the nation, drawing on the work of feminist geographers.

Area of focus: Social/Cultural Geography

Prerequisite: 13.0 credits including [[GGRB13H3](#) or [CITB02H3](#) or [WSTB05H3](#)]

Enrolment Limits: 20

Breadth Requirement: Social & Behavioural Sciences

[GGRD10H3](#) Health and Sexuality

Examines links between health and human sexuality. Particularly explores sexually transmitted infections. Attention will be given to the socially and therefore spatially constructed nature of sexuality. Other themes include sexual violence, masculinities and health, reproductive health, and transnational relationships and health. Examples will be taken from a variety of countries.

Area of focus: Social/Cultural Geography

Prerequisite: 13.0 credits including [[GGRB13H3](#) or [IDSB04H3](#) or [WSTB05H3](#)]

Enrolment Limits: 20

Breadth Requirement: Social & Behavioural Sciences

[GGRD11H3](#) Advanced Geographical Theory and Methods

Designed for final-year Human Geography Majors, this reading-intensive seminar course develops analytical and methodological skills in socio-spatial analysis. We explore major theoretical/methodological traditions in geography including positivism, humanism, Marxism, and feminism, and major analytical categories such as place, scale, and networks. Particularly recommended for students intending to apply to graduate school.

Prerequisite: 13.0 credits including [GGRB02H3](#)

Enrolment Limits: 20

Breadth Requirement: Social & Behavioural Sciences

[GGRD12H3](#) Seminar in Selected Topics in Human Geography

Designed for final-year Human Geography Majors, this seminar is devoted to analysis and discussion of current theoretical and methodological issues in human geography. This course is a unique opportunity to explore a particular topic in-depth, the specific content will vary from year to year. Seminar format with active student participation.

Prerequisite: 13.0 credits including [GGRB02H3](#)

Enrolment Limits: 20

[GGRD14H3](#) Social Justice and the City

Examines links between politics of difference, social justice and cities. Covers theories of social justice and difference with a particular emphasis placed on understanding how contemporary capitalism exacerbates urban inequalities and how urban struggles such as Occupy Wall Street seek to address discontents of urban dispossession. Examples of urban social struggles will be drawn from global North and South.

Areas of focus: Urban or Social/Cultural Geography

Prerequisite: 13.0 credits including [[GGRB05H3](#) or [GGRB13H3](#) or [CITB02H3](#) or [IDSB06H3](#)]

Enrolment Limits: 20

Breadth Requirement: Social & Behavioural Sciences

[GGRD19H3](#) Spaces of Multiraciality: Critical Mixed Race Theory

From Tiger Woods to Mariah Carey, the popular mixed race phenomenon has captured the popular imagination and revealed the contradictory logic of categorization underpinning racial divisions. We will explore the complexities of racial identity formation to illuminate the experiences of those who fall outside the prevailing definitions of racial identities.

Area of focus: Social/Cultural Geography

Prerequisite: 13.0 credits including [[GGRB13H3](#) or [SOCB60H3](#)]

Exclusion: (GGRC19H3)

Enrolment Limits: 20

Breadth Requirement: Social & Behavioural Sciences

[GGRD25H3](#) Research Seminar in Urban Spaces

Designed for final-year Human Geography Majors, this seminar is devoted to analysis and discussion of current theoretical and methodological issues in urban geography. Specific content will vary from year to year. Seminar format with active student participation.

Area of focus: Urban Geography

Prerequisite: 13.0 credits including [[GGRB05H3](#) or [CITB02H3](#)]

Enrolment Limits: 20

Breadth Requirement: Social & Behavioural Sciences

NOTE: Priority will be given to Geography Majors with the highest CGPA.

[GGRD30H3](#) GIS Research Project

Students will design, manage and complete a research project using GIS. Students will work in teams of 4-6 to pose a research question, acquire a dataset, and organize and analyze the data to answer their question. The course will teach research design, project management, data analysis, team work, and presentation of final results.

Prerequisite: [GGRC30H3](#)

Exclusion: GGR462H

Enrolment Limits: 20

Breadth Requirement: Quantitative Reasoning

[GGRD31H3](#) Independent Research Project

Independent research extension to one of the courses already completed in Human Geography.

Enrolment requires written permission from a faculty supervisor and Associate Chair, Human

Geography. Only open to students who have completed 13.0 credits and who are enrolled in the Human Geography Major, Human and Physical Geography Major programs, or Minor Program in GIS sponsored by the Department of Human Geography.

Prerequisite: Any 13.0 credits

Breadth Requirement: Social & Behavioural Sciences