## Program Requirements:
- 120 units

### Level Core Requirements | Additional Requirements | Electives
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**I** | 6 units from: | | 24 units: |
- GEOG 1HA3
- GEOG 1HB3
- ENVIR SC 1A03
- ENVIR SC 1B03
- ENVIR SC 1G03

**II** | 3 units from: | 15 units from: | 12 units: |
- GEOG 2GI3
- GEOG 2EI3
- GEOG 2HI3
- GEOG 2LE3
- GEOG 2RC3
- GEOG 2RM3

**III** | 9 units from: | 12 units from: | 9 units: |
- GEOG 3MA3 (2MA3)
- GEOG 3MB3 (2MB3)
- GEOG 3MF3
- GEOG 3EC3
- GEOG 3EE3
- GEOG 3ER3
- GEOG 3GI3
- GEOG 3GV3 (4GI3)
- GEOG 3HH3
- GEOG 3HP3
- GEOG 3LA3 (2LI3)
- GEOG 3LT3
- GEOG 3MI3

**IV** | 12 units from: | 18 units: |
- GEOG 4EA3
- GEOG 4ET3
- GEOG 4G3A3 (3SA3)
- GEOG 4G3S
- GEOG 4G3T3
- GEOG 4HC3
- GEOG 4HD3
- GEOG 4HH3
- GEOG 4LE3
- GEOG 4LP3
- GEOG 4LT3
- GEOG 4MF3
- GEOG 4MS3
- GEOG 4MT6
- GEOG 4UD3
- GEOG 4UF3
- GEOG 4UH3
- GEOG 4UT3

### Notes:
- If not completed in Level I, a minimum of 6 units of electives must be from the Faculty of Humanities and/or the Department of Religious Studies
- No more than 48 units may be from Level I courses
- GEOG 1HA3, 1HB3, if not completed in Level I, must be completed by the end of 60 units
- No more than 9 units from GEOG 2RC3, 2RM3, 2RU3, 2RW3, 3RW3
Human Geography at McMaster encompasses five major subfields or themes: Economic Geography, Environment, Geographic Information Systems (GIS) and Spatial Analysis, Health and Population, and Urban Geography. It should be noted that each subfield has its own sequence of courses and prerequisites (see the Course Listings section of this Calendar). Students can elect to take some or all of the upper-level courses from different subfields.

- **Economic Geography**
  GEOG 2LE3, 3LA3, 3LT3, 4LE3, 4LP3, 4LT3

- **Environment**
  GEOG 2E3, 3EC3, 3EE3, 3ER3, 4EA3, 4ET3, 4HH3

- **Geographic Information Systems (GIS) and Spatial Analysis**
  GEOG 2GI3, 3GI3, 3GV3, 3SR3, 4GA3, 4GS3, 4GT3

- **Health and Population**
  GEOG 2HI3, 3HH3, 3HP3, 4EA3, 4HC3, 4HD3, 4HH3

- **Urban Geography**
  GEOG 2UI3, 3UG3, 3UP3, 3UR3, 3UW3, 4UD3, 4UH3

**Other Courses**
Courses not distinguished by subfield include core courses such as research methods, statistics, field courses, internship opportunities, and capstone experiences, as well as a broad suite of regional and topical geography courses.

- **Core (Research Methods, Field Courses, Internships, and Capstone)**
  GEOG 3MA3, 3MB3, 3ME3, 3MF3, 3MI3, 3MV3, 4MF3, 4MS3, 4MT6

- **Regional Geography**
  GEOG 2RC3, 2RM3, 2RU3, 2RW3, 3RW3

- **Topics in Geography**
  GEOG 2TC3, 2TS3, 3TG3, 3TP3, 4UF3, 4UT3

In planning a program, it is important for students to take note of the prerequisites for certain upper-level courses. Further, not every Geography course listed above is offered every year. Students are advised to consult the Master Timetable published by the Office of the Registrar or contact the School of Geography and Earth Sciences after April 1st for the list of courses that will be offered in the following academic year.

**Honours Geography [2240]**

**Admission**
Completion of any Level I program with a Cumulative Average of at least 5.0 including an average of at least 5.0 in six units from GEOG 1HA3, 1HB3, ENVIR SC 1A03, 1B03, 1G03 (see Note 1 below). For continuation in the program, see the section on Minimum Requirements for Entering and Continuing in a Program Beyond Level I in the Faculty of Social Sciences Academic Regulations.

**Notes**
1. Not every Geography course listed in this Calendar is offered every year. Students are advised to consult the Master Timetable published by the Office of the Registrar or contact the School of Geography and Earth Sciences after April 1st for the list of courses that will be offered in the following academic year.
2. Students are strongly encouraged to check the prerequisites of upper-level Geography courses and to speak with an Undergraduate Advisor in the School of Geography and Earth Sciences regarding course selection.
3. GEOG 1HA3 and 1HB3 must be completed by the end of 60 units.
4. Students intending to register in GEOG 4MT6 must submit an application to the instructor by April 1st of the academic year prior to registration. Application forms are available from the School of Geography and Earth Sciences main office after March 1st. Students will be informed of their permission to register in GEOG 4MT6 by April 15th. Registration in this course is conditional upon achieving a CA of at least 7.5.
5. Students interested in completing courses in the Geographic Information Systems (GIS) and Spatial Analysis subfield are strongly encouraged to complete MATH 1K03 if a Grade 12 Mathematics U was not completed.
6. No more than 9 units from GEOG 2RC3, 2RM3, 2RU3, 2RW3, 3RW3 may count towards a student’s program; additional units taken from this group of courses will count towards elective units.
7. If not completed in Level I, a minimum of six units must be from the Faculty of Humanities and/or the Department of Religious Studies.

**Requirements**
120 units total (Levels I to IV), of which 48 units may be Level I

**Level I: 30 units**
- 30 units from the Level I program completed prior to admission to the program (see Admission above)

**Level II: 30 units**
- 3 units GEOG 2GI3
- 15 units Level II Geography (see Note 6 above)
- 12 units Electives (see Note 7 above)

**Level III: 30 units**
- 9 units GEOG 3MA3, 3MB3, 3MF3
- 12 units Level III Geography (see Note 6 above)
- 9 units Electives (see Note 7 above)

**Level IV: 30 units**
- 12 units Level IV Geography
- 18 units Electives (see Note 7 above)