

**Academic Advising Worksheet**  
 B.A. – Concentration in Geography  
 (Total of 90 credits, 36 Geography credits)

Student's name: \_\_\_\_\_ Student no. \_\_\_\_\_

Date: \_\_\_\_\_ Advising faculty member: \_\_\_\_\_

**1000 Level courses (6 credits):**

GEOG 1026 \_\_\_\_\_ GEOG 1027 \_\_\_\_\_

<p><b>2000 Level courses (21 credits):</b></p> <p>Geographic Techniques Courses (9 credits)</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>Physical Geography Courses (6 credits)</p> <p>_____</p> <p>_____</p> <p>Human Geography Courses (6 credits)</p> <p>_____</p> <p>_____</p>	<p><b>3000 or 4000 Level courses (9 credits):</b></p> <p>_____</p> <p>_____</p> <p>_____</p> <hr style="border: 1px solid black;"/>
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<p><b>Elective credits (54 credits):</b></p> <p>Sciences (6 credits)</p> <p>_____</p> <p>_____</p> <p>Humanities (6 credits)</p> <p>_____</p> <p>_____</p> <p>Others (42 elective credits)</p> <p>_____</p> <p>_____</p>	<p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p>
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## **Course Map for Concentration in Geography**

This is a typical approach that students may follow in choosing their courses each year; however, deviations are certainly possible.

### First Year

GEOG 1026 and GEOG 1027 (6 credits)  
24 credits of electives

### Second Year

15 credits of GEOG 2000 level  
15 credits of electives

### Third Year

6 credits of GEOG 2000 level  
9 credits of GEOG 3000 or 4000 level  
15 credits of electives

## Concentration in Geography: Detailed Information

- 90 total credits; 36 credits in Geography, 54 credits in electives.
- 60% average in Geography, 60% average overall.
- not more than 48 Geography credits.
- not more than 42 first year credits.
- where applicable, prerequisites are listed for each course; however, students without the listed prerequisites may still gain entry into a course with the instructor's permission.
- it is recommended that GEOG 1026 and GEOG 1027 be taken prior to 2000 level courses.
- it is not unusual for students to take 2000 level courses in either second or subsequent years.

### 1000 level courses:

#### **Required: 6 credits from the following:**

Introduction to Physical Geography (GEOG 1026)

Introduction to Human Geography (GEOG 1027)

### 2000 level courses:

#### **Students are required to take 21 credits in total from the 2000 level courses in the following fashion:**

##### Geographic Techniques courses

Students must take 9 credits from the following:

- 1) Introduction to Statistics (STAT 2126) or equivalent
- 2) Introduction to Cartography (GEOG 2016)
- 3) Applied Cartography and Introduction to Geographic Information Systems (GEOG 2017)
- 4) Introduction to Remote Sensing (GEOG 2037)
- 5) Quantitative Statistics II (GEOG 2027, PSYC 2127, POLI 2127, SOCI 2127 or ECON 2136)

Prerequisite: STAT 2126 and/or as stated for each course.

## Physical Geography courses

Students must take 6 credits from the following:

- 1) Geomorphology I (GEOG 2106)
- 2) Introduction to Geology (GEOL 1006) or Understanding the Earth (GEOL 1021)
- 3) Climatology I (GEOG 2126)
- 4) Hydrology (GEOG 2136)
- 5) Biogeography I (GEOG 2147)
- 6) Principles of Ecology (BIOL 2356)

## Human Geography courses

Students must take 6 credits from the following:

- 1) Cultural Geography (GEOG 2216)
- 2) World Ethnology (ANTR 2046)
- 3) Geographic Perspectives on Urban Systems (GEOG 2236)
- 4) Political Geography: Canadian Issues (GEOG 2246)
- 5) Economic Geography: Canadian Issues (GEOG 2247)

Note: Population Geography (GEOG 2206) can also be used in this group.

## Required courses from 3000 and 4000 levels: 9 credits

### 3000 level courses

Air Photo (GEOG 3036)

History and Methodology of Geography (GEOG 3046)

Topics in GIS Application (GEOG 3056)

Geomorphology II (GEOG 3107)

Prerequisite: GEOG 2106, GEOL 1006 or GEOL 1021

Climatology II (GEOG 3126)

Prerequisite: GEOG 2126

Biogeography II (GEOG 3147)

Prerequisite: GEOG 2147 or BIOL 2356

Climate and Global Change I (GEOG 3156)

Prerequisite: GEOG 2126 or GEOG 3126

Selected Topics in Physical Geography (GEOG 3196)

Political Geography of International Relations (GEOG 3217)

International Relations: An Introduction (POLI 2306)

The Internal Structure of the City (GEOG 3237)

Cities in Canada (HIST 3066)

The Spatial Organization of Economic Activity (GEOG 3266)

Introduction to Regional Economics (ECON 2027)

Contemporary Issues in Economic Geography (GEOG 3267)

Selected Topics in Human Geography (GEOG 3297)

Geography of Northern Canada: Developmental Issues (GEOG 3497)

The American Landscapes (GEOG 3506)

Geography of the Asian-Pacific Rim (GEOG 3617)

European Union (GEOG 3606)

Geography of the African Sub-Sahara (GEOG 3627)

Brazil and South America (GEOG 3826)

Mexico, Central America and the Caribbean (GEOG 3827)

4000 Level Courses:

Senior Topics in GIS and Spatial Analysis (GEOG 4057)  
Prerequisite: GEOG 3056

Applied Geomorphology (GEOG 4106)  
Prerequisite: GEOG 2106, GEOL 1006 or GEOL 1021

Land Resources and Their Evaluation (GEOG 4107)

Human Activities and the Environment (GEOG 4116)

Water Issues of the XX1st Century (GEOG 4117)

Climate and Global Change II (GEOG 4157)  
Prerequisite: GEOG 3156

World Population Growth (GEOG 4216)

Population and Development (GEOG 4217)

Urban Land Use Planning Theory (GEOG 4236)

Urban Land Use Planning in Canada (GEOG 4237)  
Prerequisite: GEOG 4236

Directed Studies (GEOG 4985 - 6 credits)

Total credits: 90

GEOG credits: 36

6 (1000 level),  
21 (2000 level),  
9 (3000 or 4000 level)

Elective credits: 54

6 credits in Humanities  
6 credits in Sciences  
42 additional electives

When completing the following academic worksheet, keep in mind the following:

1) **Course codes:**

First digit: level,  
Second digit: 0 'techniques', 1 'physical', 2 'human', 4-8 'regional'

2) **Humanities:** Classical Studies, Communication Studies, English, Film Studies, Folklore, Français, French, Greek, German, Italian, Latin, Music, Native Studies, Philosophy, Religious Studies, Spanish, Theatre Arts, Women's Studies.

**Social Sciences:** Anthropology, Economics, Geography, Gerontology, History, Law & Justice, Political Science, Psychology, Sociology.

**Sciences:** Biology, Chemistry, Computer Science, Geology, Mathematics, Physics.

**Professional Schools:** Commerce & Administration, Education, Engineering, Human Kinetics, Nursing, Social Work, Sports Administration, Translation, Arts d'expression.

3) The L.U. calendar lists additional requirements for graduation such as minimum grades, maximum allowed failures, and method of calculating averages.