

Dynamic Schedule: Visit [Minerva Class Schedule](#)https://horizon.mcgill.ca/pban1/bwckschd.p_disp_dyn_sched for course dates & times.McGill.ca (<https://www.mcgill.ca>) / Overview (/study/2022-2023/) / All Courses (/study/2022-2023/courses/search)

GEOG 351 Quantitative Methods (3 credits)

Offered by: Geography ([Faculty of Science \(/study/2022-2023/faculties/science/\)](#))

Overview

Geography : Multiple regression and correlation, logit models, discrete choice models, gravity models, facility location algorithms, survey design, population projection.

Terms: Winter 2023

Instructors: Sharma, Bidhya (Winter)

- Winter
- 3 hours
- Prerequisite: [GEOG 202 \(/study/2022-2023/courses/geog-202/\)](#) or equivalent or permission of instructor
- You may not be able to get credit for this course and other statistic courses. Be sure to check the Course Overlap section under Faculty Degree Requirements in the Arts or Science section of the Calendar.

This course may be used as a required or complementary course in the following programs:

[Bachelor of Arts \(B.A.\) - Honours Geography](#)
(<https://www.mcgill.ca/study/2022-2023/faculties/arts/undergraduate/programs/bachelor-arts-ba-honours-geography>)

[Bachelor of Arts \(B.A.\) - Honours Urban Studies](#)
(<https://www.mcgill.ca/study/2022-2023/faculties/arts/undergraduate/programs/bachelor-arts-ba-honours-urban-studies>)

[Bachelor of Arts \(B.A.\) - Joint Honours Component Geography](#)
(<https://www.mcgill.ca/study/2022-2023/faculties/arts/undergraduate/programs/bachelor-arts-ba-joint-honours-component-geography>)

[Bachelor of Arts \(B.A.\) - Joint Honours Component Geography](#)
(<https://www.mcgill.ca/study/2022-2023/faculties/arts/undergraduate/programs/bachelor-arts-ba-joint-honours-component-geography>)

22-
2023/faculties/basc/undergraduate/programs/bachelor-arts-ba-joint-honours-component-geography)

Bachelor of Arts (B.A.) - Major
Concentration Geography.
([https://www.mcgill.ca/study/20](https://www.mcgill.ca/study/2022-2023/faculties/basc/undergraduate/programs/bachelor-arts-ba-joint-honours-component-geography)

22-
2023/faculties/arts/undergraduate/programs/bachelor-arts-ba-major-concentration-geography)

Bachelor of Arts (B.A.) - Major
Concentration Geography.
([https://www.mcgill.ca/study/20](https://www.mcgill.ca/study/2022-2023/faculties/basc/undergraduate/programs/bachelor-arts-ba-major-concentration-geography)

22-
2023/faculties/basc/undergraduate/programs/bachelor-arts-ba-major-concentration-geography)

Bachelor of Arts (B.A.) - Major
Concentration Geography.
(Urban Studies)

([https://www.mcgill.ca/study/20](https://www.mcgill.ca/study/2022-2023/faculties/arts/undergraduate/programs/bachelor-arts-ba-major-concentration-geography-urban-studies)
22-
2023/faculties/arts/undergraduate/programs/bachelor-arts-ba-major-concentration-geography-urban-studies)

Bachelor of Arts (B.A.) - Major
Concentration Geography.
(Urban Studies)

([https://www.mcgill.ca/study/20](https://www.mcgill.ca/study/2022-2023/faculties/basc/undergraduate/programs/bachelor-arts-ba-major-concentration-geography-urban-studies)
22-
2023/faculties/basc/undergraduate/programs/bachelor-arts-ba-major-concentration-geography-urban-studies)

Bachelor of Arts and Science
(B.A. & Sc.) - Honours in
Sustainability, Science and
Society.

([https://www.mcgill.ca/study/20](https://www.mcgill.ca/study/2022-2023/faculties/basc/undergraduate/programs/bachelor-arts-and-science-ba-sc-honours-sustainability-science-and-society)
22-
2023/faculties/basc/undergraduate/programs/bachelor-arts-and-science-ba-sc-honours-sustainability-science-and-society)

Bachelor of Arts and Science
(B.A. & Sc.) - Interfaculty
Program in Sustainability,
Science and Society.

([https://www.mcgill.ca/study/20](https://www.mcgill.ca/study/2022-2023/faculties/basc/undergraduate/programs/bachelor-arts-and-science-ba-sc-interfaculty-program-sustainability-science-and-society)
22-
2023/faculties/basc/undergraduate/programs/bachelor-arts-and-science-ba-sc-interfaculty-program-sustainability-science-and-society)

Bachelor of Arts and Science
(B.A. & Sc.) - Major

Concentration Geography -
Physical Geography
(<https://www.mcgill.ca/study/2022-2023/faculties/basc/undergraduate/programs/bachelor-arts-and-science-ba-sc-major-concentration-geography-physical-geography>)

Bachelor of Science
(Agricultural and
Environmental Sciences)
(B.Sc.(Ag.Env.Sc.)) or
Bachelor of Science (B.Sc.) -
Major Environment -
Environmetrics
(<https://www.mcgill.ca/study/2022-2023/faculties/macdonald/undergraduate/programs/bachelor-science-agricultural-and-environmental-sciences-bscagenvsc-or-bachelor-science-bsc-major-2>)

Bachelor of Science
(Agricultural and
Environmental Sciences)
(B.Sc.(Ag.Env.Sc.)) or
Bachelor of Science (B.Sc.) -
Major Environment -
Environmetrics
(<https://www.mcgill.ca/study/2022-2023/faculties/environment/undergraduate/programs/bachelor-science-agricultural-and-environmental-sciences-bscagenvsc-or-bachelor-science-bsc-major-2>)

Bachelor of Science (B.Sc.) -
Honours Earth System
Science
(<https://www.mcgill.ca/study/2022-2023/faculties/science/undergraduate/programs/bachelor-science-bsc-honours-earth-system-science>)

Bachelor of Science (B.Sc.) -
Honours Geography
(<https://www.mcgill.ca/study/2022-2023/faculties/science/undergraduate/programs/bachelor-science-bsc-honours-geography>)

Bachelor of Science (B.Sc.) -
Liberal Program - Core
Science Component
Geography
(<https://www.mcgill.ca/study/2022-2023/faculties/science/undergraduate/programs/bachelor>

[science-bsc-liberal-program-core-science-component-geography](#))

[Bachelor of Science \(B.Sc.\) - Major Earth System Science](#)
(<https://www.mcgill.ca/study/2022-2023/faculties/science/undergraduate/programs/bachelor-science-bsc-major-earth-system-science>)

[Bachelor of Science \(B.Sc.\) - Major Geography](#)
(<https://www.mcgill.ca/study/2022-2023/faculties/science/undergraduate/programs/bachelor-science-bsc-major-geography>)

[Bachelor of Science \(B.Sc.\) - Minor Statistics](#)
(<https://www.mcgill.ca/study/2022-2023/faculties/science/undergraduate/programs/bachelor-science-bsc-minor-statistics>)




Visit *Minerva Class Schedule* for **course dates & times**

Class Schedule
(https://horizon.mcgill.ca/pban1/bwckschd.p_disp_dyn_sched)

(<https://www.mcgill.ca>)

Copyright © 2023 McGill University

Accessibility (<https://www.mcgill.ca/accessibility>)

Log in  (/study/2022-2023/saml_login?destination=node/18588)