

**Dynamic Schedule:** Visit [Minerva Class Schedule](#)[https://horizon.mcgill.ca/pban1/bwckschd.p\\_disp\\_dyn\\_sched](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)

## SOCI 504 Quantitative Methods 1 (3 credits)

Offered by: Sociology ([Faculty of Arts \(/study/2022-2023/faculties/arts/\)](#))

### Overview

Sociology (Arts) : An introduction to basic regression techniques commonly used in the social sciences. Covers the least squares linear regression model in depth and may introduce models for discrete dependent variables as well as the maximum-likelihood approach to statistical inference. Emphasis on the assumptions behind regression models and correct interpretation of results. Assignments will emphasize practical aspects of quantitative analysis.

**Terms: Fall 2022**

Instructors: Clark, Shelley (Fall)

- Prerequisites: [SOCI 350 \(/study/2022-2023/courses/soci-350\)](#) and [SOCI 461 \(/study/2022-2023/courses/soci-461\)](#) or equivalents

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

[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 \(B.Sc.\) - Minor Statistics](#)

[. \(https://www.mcgill.ca/study/2022-2023/faculties/science/undergraduate/programs/bachelor-science-bsc-minor-statistics\)](https://www.mcgill.ca/study/2022-2023/faculties/science/undergraduate/programs/bachelor-science-bsc-minor-statistics)

[Doctor of Philosophy \(Ph.D.\)  
Sociology.  
\(https://www.mcgill.ca/study/2022-2023/faculties/arts/graduate/programs/doctor-philosophy-phd-sociology\)](https://www.mcgill.ca/study/2022-2023/faculties/arts/graduate/programs/doctor-philosophy-phd-sociology)

[Doctor of Philosophy \(Ph.D.\)  
Sociology: Gender and  
Women's Studies  
\(https://www.mcgill.ca/study/2022-2023/faculties/arts/graduate/programs/doctor-philosophy-phd-sociology-gender-and-womens-studies\)](https://www.mcgill.ca/study/2022-2023/faculties/arts/graduate/programs/doctor-philosophy-phd-sociology-gender-and-womens-studies)

[Doctor of Philosophy \(Ph.D.\)  
Sociology: Population  
Dynamics  
\(https://www.mcgill.ca/study/2022-2023/faculties/arts/graduate/programs/doctor-philosophy-phd-sociology-population-dynamics\)](https://www.mcgill.ca/study/2022-2023/faculties/arts/graduate/programs/doctor-philosophy-phd-sociology-population-dynamics)

[Master of Arts \(M.A.\) Medical  
Sociology \(Non-Thesis\)  
\(https://www.mcgill.ca/study/2022-2023/faculties/arts/graduate/programs/master-arts-ma-medical-sociology-non-thesis\)](https://www.mcgill.ca/study/2022-2023/faculties/arts/graduate/programs/master-arts-ma-medical-sociology-non-thesis)

[Master of Arts \(M.A.\) Medical  
Sociology \(Thesis\)  
\(https://www.mcgill.ca/study/2022-2023/faculties/arts/graduate/programs/master-arts-ma-medical-sociology-thesis\)](https://www.mcgill.ca/study/2022-2023/faculties/arts/graduate/programs/master-arts-ma-medical-sociology-thesis)

[Master of Arts \(M.A.\)  
Sociology \(Non-Thesis\)  
\(https://www.mcgill.ca/study/2022-2023/faculties/arts/graduate/programs/master-arts-ma-sociology-non-thesis\)](https://www.mcgill.ca/study/2022-2023/faculties/arts/graduate/programs/master-arts-ma-sociology-non-thesis)

[Master of Arts \(M.A.\)  
Sociology \(Non-Thesis\):  
Development Studies  
\(https://www.mcgill.ca/study/2022-2023/faculties/arts/graduate/programs/master-arts-ma-sociology-non-thesis-development-studies\)](https://www.mcgill.ca/study/2022-2023/faculties/arts/graduate/programs/master-arts-ma-sociology-non-thesis-development-studies)

[Master of Arts \(M.A.\)  
Sociology \(Non-Thesis\):](#)

[Gender and Women's Studies  
\(https://www.mcgill.ca/study/2022-2023/faculties/arts/graduate/programs/master-arts-ma-sociology-non-thesis-gender-and-womens-studies\)](https://www.mcgill.ca/study/2022-2023/faculties/arts/graduate/programs/master-arts-ma-sociology-non-thesis-gender-and-womens-studies)

[Master of Arts \(M.A.\)  
Sociology \(Non-Thesis\):  
Population Dynamics  
\(https://www.mcgill.ca/study/2022-2023/faculties/arts/graduate/programs/master-arts-ma-sociology-non-thesis-population-dynamics\)](https://www.mcgill.ca/study/2022-2023/faculties/arts/graduate/programs/master-arts-ma-sociology-non-thesis-population-dynamics)

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Sociology \(Thesis\)  
\(https://www.mcgill.ca/study/2022-2023/faculties/arts/graduate/programs/master-arts-ma-sociology-thesis\)](https://www.mcgill.ca/study/2022-2023/faculties/arts/graduate/programs/master-arts-ma-sociology-thesis)

[Master of Arts \(M.A.\)  
Sociology \(Thesis\):  
Development Studies  
\(https://www.mcgill.ca/study/2022-2023/faculties/arts/graduate/programs/master-arts-ma-sociology-thesis-development-studies\)](https://www.mcgill.ca/study/2022-2023/faculties/arts/graduate/programs/master-arts-ma-sociology-thesis-development-studies)

[Master of Arts \(M.A.\)  
Sociology \(Thesis\): Gender  
and Women's Studies  
\(https://www.mcgill.ca/study/2022-2023/faculties/arts/graduate/programs/master-arts-ma-sociology-thesis-gender-and-womens-studies\)](https://www.mcgill.ca/study/2022-2023/faculties/arts/graduate/programs/master-arts-ma-sociology-thesis-gender-and-womens-studies)




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