

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)

MATH 557 Mathematical Statistics 2 (4 credits)

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

Overview

Mathematics & Statistics (Sci) : Sampling theory (including large-sample theory). Likelihood functions and information matrices. Hypothesis testing, estimation theory. Regression and correlation theory.

Terms: Winter 2023

Instructors: Asgharian, Masoud (Winter)

- Winter
- Prerequisite: [MATH 556 \(/study/2022-2023/courses/math-556\)](#)

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

[Bachelor of Arts \(B.A.\) - Major Concentration Statistics \(/https://www.mcgill.ca/study/2022-2023/faculties/arts/undergraduate/programs/bachelor-arts-ba-major-concentration-statistics/\)](#)

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

[Bachelor of Arts \(B.A.\) - Supplementary Minor Concentration Statistics \(/https://www.mcgill.ca/study/2022-2023/faculties/arts/undergraduate/programs/bachelor-arts-ba-supplementary-minor-concentration-statistics/\)](#)

[Bachelor of Arts \(B.A.\) - Supplementary Minor Concentration Statistics \(/https://www.mcgill.ca/study/2022-2023/faculties/basc/undergrad](#)

[uate/programs/bachelor-arts-ba-supplementary-minor-concentration-statistics\)](#)

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

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

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

[Bachelor of Science \(B.Sc.\) - Liberal Program - Core Science Component Statistics](#)
(<https://www.mcgill.ca/study/2022-2023/faculties/science/undergraduate/programs/bachelor-science-bsc-liberal-program-core-science-component-statistics>)

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

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

[Doctor of Philosophy \(Ph.D.\) - Biostatistics](#)
(<https://www.mcgill.ca/study/2022-2023/faculties/medicine/graduate/programs/doctor-philosophy-phd-biostatistics>)

[Master of Science \(M.Sc.\)
Biostatistics \(Non-Thesis\)
\(https://www.mcgill.ca/study/2022-2023/faculties/medicine/graduate/programs/master-science-msc-biostatistics-non-thesis\)](https://www.mcgill.ca/study/2022-2023/faculties/medicine/graduate/programs/master-science-msc-biostatistics-non-thesis)

[Master of Science \(M.Sc.\)
Biostatistics \(Thesis\)
\(https://www.mcgill.ca/study/2022-2023/faculties/medicine/graduate/programs/master-science-msc-biostatistics-thesis\)](https://www.mcgill.ca/study/2022-2023/faculties/medicine/graduate/programs/master-science-msc-biostatistics-thesis)




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