

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 324 Statistics (3 credits)

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

Overview

Mathematics & Statistics (Sci) : Sampling distributions, point and interval estimation, hypothesis testing, analysis of variance, contingency tables, nonparametric inference, regression, Bayesian inference.

Terms: Fall 2022, Winter 2023

Instructors: Nadarajah, Tharshanna (Fall) Nadarajah, Tharshanna (Winter)

- Fall and Winter
- Prerequisite: [MATH 323 \(/study/2022-2023/courses/math-323\)](#) or equivalent
- Restriction: Not open to students who have taken or are taking [MATH 357 \(/study/2022-2023/courses/math-357\)](#).
- You may not be able to receive 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 \(B.A.\) - Major Concentration Computer Science](#)
(<https://www.mcgill.ca/study/2022-2023/faculties/arts/undergraduate/programs/bachelor-arts-ba-major-concentration-computer-science>)

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

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

Bachelor of Arts (B.A.) - Major
Concentration Mathematics
(<https://www.mcgill.ca/study/2022-2023/faculties/basc/undergraduate/programs/bachelor-arts-ba-major-concentration-mathematics>)

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.) - Minor
Concentration Mathematics
(<https://www.mcgill.ca/study/2022-2023/faculties/arts/undergraduate/programs/bachelor-arts-ba-minor-concentration-mathematics>)

Bachelor of Arts (B.A.) - Minor
Concentration Mathematics
(<https://www.mcgill.ca/study/2022-2023/faculties/basc/undergraduate/programs/bachelor-arts-ba-minor-concentration-mathematics>)

Bachelor of Arts (B.A.) - Minor
Concentration Statistics
(<https://www.mcgill.ca/study/2022-2023/faculties/arts/undergraduate/programs/bachelor-arts-ba-minor-concentration-statistics>)

Bachelor of Arts (B.A.) - Minor
Concentration Statistics
(<https://www.mcgill.ca/study/2022-2023/faculties/basc/undergraduate/programs/bachelor-arts-ba-minor-concentration-statistics>)

Bachelor of Arts (B.A.) -
Supplementary Minor
Concentration in Computer
Science
(<https://www.mcgill.ca/study/2022-2023/faculties/arts/undergradu>)

[ate/programs/bachelor-arts-ba-supplementary-minor-concentration-computer-science\)](#)

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

[Bachelor of Commerce
\(B.Com.\) - Major
Concentration Mathematics for
Management Students
\(<https://www.mcgill.ca/study/2022-2023/faculties/desautels/undergraduate/programs/bachelor-commerce-bcom-major-concentration-mathematics-management-students>\)](#)

[Bachelor of Education \(B.Ed.\)
- Secondary Mathematics
\(<https://www.mcgill.ca/study/2022-2023/faculties/education/undergraduate/programs/bachelor-education-bed-secondary-mathematics>\)](#)

[Bachelor of Engineering
\(B.Eng.\) - Minor Mathematics
\(<https://www.mcgill.ca/study/2022-2023/faculties/engineering/undergraduate/programs/bachelor-engineering-beng-minor-mathematics>\)](#)

[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
\(<https://www.mcgill.ca/study/2022-2023/faculties/macdonald/undergraduate/programs/bachelor-science-agricultural-and-environmental-sciences-bscagenvsc-or-bachelor-science-bsc-major-2>\)](#)

[2023/faculties/environment/undergraduate/programs/bachelor-science-agricultural-and-environmental-sciences-bscagenvsc-or-bachelor-science-bsc-major-2](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 Atmospheric Science \(https://www.mcgill.ca/study/2022-2023/faculties/science/undergraduate/programs/bachelor-science-bsc-honours-atmospheric-science\)](https://www.mcgill.ca/study/2022-2023/faculties/science/undergraduate/programs/bachelor-science-bsc-honours-atmospheric-science)

[Bachelor of Science \(B.Sc.\) - Honours Atmospheric Science \(https://www.mcgill.ca/study/2022-2023/faculties/science/undergraduate/programs/bachelor-science-bsc-honours-atmospheric-science\)](https://www.mcgill.ca/study/2022-2023/faculties/science/undergraduate/programs/bachelor-science-bsc-honours-atmospheric-science)

[Bachelor of Science \(B.Sc.\) - Honours Biology - Quantitative Biology \(https://www.mcgill.ca/study/2022-2023/faculties/science/undergraduate/programs/bachelor-science-bsc-honours-biology-quantitative-biology\)](https://www.mcgill.ca/study/2022-2023/faculties/science/undergraduate/programs/bachelor-science-bsc-honours-biology-quantitative-biology)

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

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

[Bachelor of Science \(B.Sc.\) - Honours Neuroscience \(https://www.mcgill.ca/study/2022-2023/faculties/science/undergraduate/programs/bachelor-science-bsc-honours-neuroscience\)](https://www.mcgill.ca/study/2022-2023/faculties/science/undergraduate/programs/bachelor-science-bsc-honours-neuroscience)

[Bachelor of Science \(B.Sc.\) - Honours Neuroscience \(https://www.mcgill.ca/study/2022-2023/faculties/science/undergraduate/programs/bachelor-science-bsc-honours-neuroscience\)](https://www.mcgill.ca/study/2022-2023/faculties/science/undergraduate/programs/bachelor-science-bsc-honours-neuroscience)

science-bsc-honours-neuroscience)

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

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

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

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 Atmospheric Science
(<https://www.mcgill.ca/study/2022-2023/faculties/science/undergraduate/programs/bachelor-science-bsc-major-atmospheric-science>)

Bachelor of Science (B.Sc.) - Major Biology - Quantitative Biology
(<https://www.mcgill.ca/study/2022-2023/faculties/science/undergraduate/programs/bachelor-science-bsc-major-biology-quantitative-biology>)

Bachelor of Science (B.Sc.) - Major Biology and Mathematics
(<https://www.mcgill.ca/study/2022-2023/faculties/science/undergraduate/programs/bachelor-science-bsc-major-biology-and-mathematics>)

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2023/faculties/science/undergr
aduate/programs/bachelor-
science-bsc-major-biology-
and-mathematics)

Bachelor of Science (B.Sc.) -
Major Computer Science
([https://www.mcgill.ca/study/20](https://www.mcgill.ca/study/2022-2023/faculties/science/undergraduate/programs/bachelor-science-bsc-major-computer-science)

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aduate/programs/bachelor-
science-bsc-major-computer-
science)

Bachelor of Science (B.Sc.) -
Major Computer Science and
Biology.

([https://www.mcgill.ca/study/20](https://www.mcgill.ca/study/2022-2023/faculties/science/undergraduate/programs/bachelor-science-bsc-major-computer-science-and-biology)

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2023/faculties/science/undergr
aduate/programs/bachelor-
science-bsc-major-computer-
science-and-biology)

Bachelor of Science (B.Sc.) -
Major Mathematics

([https://www.mcgill.ca/study/20](https://www.mcgill.ca/study/2022-2023/faculties/science/undergraduate/programs/bachelor-science-bsc-major-mathematics)

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aduate/programs/bachelor-
science-bsc-major-
mathematics)

Bachelor of Science (B.Sc.) -
Major Neuroscience

([https://www.mcgill.ca/study/20](https://www.mcgill.ca/study/2022-2023/faculties/science/undergraduate/programs/bachelor-science-bsc-major-neuroscience)

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aduate/programs/bachelor-
science-bsc-major-
neuroscience)

Bachelor of Science (B.Sc.) -
Major Neuroscience

([https://www.mcgill.ca/study/20](https://www.mcgill.ca/study/2022-2023/faculties/science/undergraduate/programs/bachelor-science-bsc-major-neuroscience)

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2023/faculties/science/undergr
aduate/programs/bachelor-
science-bsc-major-
neuroscience)

Bachelor of Science (B.Sc.) -
Major Physiology and
Mathematics

([https://www.mcgill.ca/study/20](https://www.mcgill.ca/study/2022-2023/faculties/science/undergraduate/programs/bachelor-science-bsc-major-physiology-and-mathematics)

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2023/faculties/science/undergr
aduate/programs/bachelor-
science-bsc-major-physiology-
and-mathematics)

Bachelor of Science (B.Sc.) -
Major Software Engineering

([https://www.mcgill.ca/study/20](https://www.mcgill.ca/study/2022-2023/faculties/science/undergraduate/programs/bachelor-science-bsc-major-software-engineering)

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2023/faculties/science/undergr
aduate/programs/bachelor-
science-bsc-major-software-
engineering)

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

[Bachelor of Science \(B.Sc.\) -
Major Statistics and Computer
Science](https://www.mcgill.ca/study/2022-2023/faculties/science/undergraduate/programs/bachelor-science-bsc-major-statistics-and-computer-science)
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[Bachelor of Science \(B.Sc.\) -
Minor Interdisciplinary Life
Sciences](https://www.mcgill.ca/study/2022-2023/faculties/science/undergraduate/programs/bachelor-science-bsc-minor-interdisciplinary-life-sciences)
(<https://www.mcgill.ca/study/2022-2023/faculties/science/undergraduate/programs/bachelor-science-bsc-minor-interdisciplinary-life-sciences>)

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Sciences](https://www.mcgill.ca/study/2022-2023/faculties/basc/undergraduate/programs/bachelor-science-bsc-minor-interdisciplinary-life-sciences)
(<https://www.mcgill.ca/study/2022-2023/faculties/basc/undergraduate/programs/bachelor-science-bsc-minor-interdisciplinary-life-sciences>)

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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>)




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