

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 327 Matrix Numerical Analysis (3 credits)

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

Overview

Mathematics & Statistics (Sci) : An overview of numerical methods for linear algebra applications and their analysis. Problem classes include linear systems, least squares problems and eigenvalue problems.

Terms: Winter 2023

Instructors: Panayotov, Ivo (Winter)

- Winter
- Prerequisites: [MATH 223 \(/study/2022-2023/courses/math-223\)](#) or [MATH 236 \(/study/2022-2023/courses/math-236\)](#) or [MATH 247 \(/study/2022-2023/courses/math-247\)](#) or [MATH 251 \(/study/2022-2023/courses/math-251\)](#), [COMP 202 \(/study/2022-2023/courses/comp-202\)](#) or consent of instructor.

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

[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 \(B.A.\) - 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/undergrad](#)

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

[Bachelor of Arts \(B.A.\) -
Supplementary Minor
Concentration in Mathematics
\(https://www.mcgill.ca/study/20
22-
2023/faculties/arts/undergradu
ate/programs/bachelor-arts-
ba-supplementary-minor-
concentration-mathematics\)](#)

[Bachelor of Arts \(B.A.\) -
Supplementary Minor
Concentration Statistics
\(https://www.mcgill.ca/study/20
22-
2023/faculties/arts/undergradu
ate/programs/bachelor-arts-
ba-supplementary-minor-
concentration-statistics\)](#)

[Bachelor of Arts \(B.A.\) -
Supplementary Minor
Concentration Statistics
\(https://www.mcgill.ca/study/20
22-
2023/faculties/basc/undergrad
uate/programs/bachelor-arts-
ba-supplementary-minor-
concentration-statistics\)](#)

[Bachelor of Education \(B.Ed.\)
- Secondary Mathematics
\(https://www.mcgill.ca/study/20
22-
2023/faculties/education/under
graduate/programs/bachelor-
education-bed-secondary-
mathematics\)](#)

[Bachelor of Engineering
\(B.Eng.\) - Honours Mechanical
Engineering
\(https://www.mcgill.ca/study/20
22-
2023/faculties/engineering/und
ergraduate/programs/bachelor
-engineering-beng-honours-
mechanical-engineering\)](#)

[Bachelor of Science \(B.Sc.\) -
Honours Biology - Quantitative
Biology
\(https://www.mcgill.ca/study/20
22-
2023/faculties/science/undergr
aduate/programs/bachelor-
science-bsc-honours-biology-
quantitative-biology.\)](#)

[Bachelor of Science \(B.Sc.\) -
Liberal Program - Core
Science Component
Mathematics
\(https://www.mcgill.ca/study/20
22-
2023/faculties/science/undergr](#)

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

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

[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 \(B.Sc.\) - 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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