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## eCalendar (/study/2022-2023/) Programs, Courses & University Regulations Fall 2022-

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Dynamic Schedule: Visit Minerva Class Schedule

(https://horizon.mcgill.ca/pban1/bwckschd.p\_disp\_dyn\_sched) for course dates & times.

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## MATH 348 Euclidean Geometry (3 credits)

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

## Overview

Mathematics & Statistics (Sci): Points and lines in a triangle. Quadrilaterals. Angles in a circle. Circumscribed and inscribed circles. Congruent and similar triangles. Area. Power of a point with respect to a circle. Ceva's theorem. Isometries. Homothety. Inversion.

Terms: Fall 2022

Instructors: Przytycki, Piotr (Fall)

- Prerequisite: MATH 133 (/study/2022-2023/courses/math-133) or equivalent or permission of instructor.
- Restriction: Not open to students who have taken MATH 398 (/study/2022-2023/courses/math-398).

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/20 22-

2023/faculties/arts/undergradu ate/programs/bachelor-artsba-major-concentrationmathematics)

Bachelor of Arts (B.A.) - Major Concentration Mathematics (https://www.mcgill.ca/study/20 22-

2023/faculties/basc/undergrad uate/programs/bachelor-artsba-major-concentrationmathematics)

Bachelor of Arts (B.A.) - Minor Concentration Mathematics (https://www.mcgill.ca/study/20 22-

2023/faculties/arts/undergradu ate/programs/bachelor-artsba-minor-concentrationmathematics)

Bachelor of Arts (B.A.) - Minor Concentration Mathematics (https://www.mcgill.ca/study/20 22-

2023/faculties/basc/undergrad uate/programs/bachelor-arts-

<u>ba-minor-concentration-</u> <u>mathematics)</u>

Bachelor of Arts (B.A.) Supplementary Minor
Concentration in Mathematics
(https://www.mcgill.ca/study/20
222023/faculties/arts/undergradu

2023/faculties/arts/undergradu ate/programs/bachelor-artsba-supplementary-minorconcentration-mathematics)

Bachelor of Education (B.Ed.)
- Secondary Mathematics
(https://www.mcgill.ca/study/20
222023/faculties/education/under
graduate/programs/bacheloreducation-bed-secondary-

mathematics)

Bachelor of Science (B.Sc.) -Honours Biology - Quantitative Biology (https://www.mcgill.ca/study/20 22-2023/faculties/science/undergr aduate/programs/bachelorscience-bsc-honours-biologyquantitative-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/bachelorscience-bsc-liberal-programcore-science-componentmathematics)

Bachelor of Science (B.Sc.) Major Biology - Quantitative
Biology
(https://www.mcgill.ca/study/20
222023/faculties/science/undergr
aduate/programs/bachelorscience-bsc-major-biologyquantitative-biology)

Bachelor of Science (B.Sc.) -Major Mathematics (https://www.mcgill.ca/study/20 22-2023/faculties/science/undergr aduate/programs/bachelorscience-bsc-majormathematics)



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