

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)

COMP 360 Algorithm Design (3 credits)

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

Overview

Computer Science (Sci) : Advanced algorithm design and analysis. Linear programming, complexity and NP-completeness, advanced algorithmic techniques.

Terms: Fall 2022, Winter 2023

Instructors: Robere, Robert (Fall) Hatami, Hamed (Winter)

- 3 hours
- Prerequisite: Either [COMP 251 \(/study/2022-2023/courses/comp-251\)](#) or [COMP 252 \(/study/2022-2023/courses/comp-252\)](#), and either [MATH 240 \(/study/2022-2023/courses/math-240\)](#) or [MATH 235 \(/study/2022-2023/courses/math-235\)](#) or [MATH 363 \(/study/2022-2023/courses/math-363\)](#).
- Restriction: Not open to students who have taken or are taking [COMP 362 \(/study/2022-2023/courses/comp-362\)](#).

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

[Bachelor Engineering \(B.Eng.\) - Co-op in Software Engineering \(/https://www.mcgill.ca/study/2022-2023/faculties/engineering/undergraduate/programs/bachelor-engineering-beng-co-op-software-engineering\)](#)

[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 and Science
(B.A. & Sc.) - Honours
Cognitive Science
(<https://www.mcgill.ca/study/2022-2023/faculties/basc/undergraduate/programs/bachelor-arts-and-science-ba-sc-honours-cognitive-science>)

Bachelor of Arts and Science
(B.A. & Sc.) - Interfaculty
Program Cognitive Science
(<https://www.mcgill.ca/study/2022-2023/faculties/basc/undergraduate/programs/bachelor-arts-and-science-ba-sc-interfaculty-program-cognitive-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>)

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 Software
Engineering
(<https://www.mcgill.ca/study/2022-2023/faculties/science/undergraduate/programs/bachelor-science-bsc-liberal-program-core-science-component-software-engineering>)

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

[science-bsc-major-computer-science\)](#)

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

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

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

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

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

[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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