

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)

CHEM 593 Statistical Mechanics (3 credits)

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

Overview

Chemistry : Intermediate topics in statistical mechanics, including: modern and classical theories of real gases and liquids, critical phenomena and the renormalization group, time-dependent phenomena, linear response and fluctuations, inelastic scattering, Monte Carlo and molecular dynamics methods.

Terms: This course is not scheduled for the 2022-2023 academic year.

Instructors: There are no professors associated with this course for the 2022-2023 academic year.

- Winter
- Term paper
- Prerequisite: [CHEM 345 \(/study/2022-2023/courses/chem-345\)](#). Recommended: [CHEM 365 \(/study/2022-2023/courses/chem-365\)](#)

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

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

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



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