## MATH 222. CALCULUS 3.

Credits: 3

Offered by: Mathematics and Statistics (Faculty of Science)

Terms offered: Summer 2025, Fall 2025, Winter 2026

View offerings for Summer 2025 or Fall 2025 or Winter 2026 in Visual Schedule Builder.

## Description

Taylor series, Taylor's theorem in one and several variables. Review of vector geometry. Partial differentiation, directional derivative. Extreme of functions of 2 or 3 variables. Parametric curves and arc length. Polar and spherical coordinates. Multiple integrals.

- Restriction: Not open to students who have taken CEGEP course 201-303 or MATH 150, MATH 151 or MATH 227
- Restriction: Not open to students who have taken CEGEP course 201-303 or MATH 150, MATH 151 or MATH 227
- Restriction: Not open to students who have taken CEGEP course 201-303 or MATH 150, MATH 151 or MATH 227
- Prerequisite: MATH 141. Familiarity with vector geometry or Corequisite: MATH 133
- Restriction: Not open to students who have taken or are taking MATH 150, MATH 151, MATH206, or MATH 262.

Most students use Visual Schedule Builder (VSB) to organize their schedules. VSB helps you plan class schedules, travel time, and more.

Launch Visual Schedule Builder