

MATH 314. ADVANCED CALCULUS.

Credits: 3

Offered by: Mathematics and Statistics (Faculty of Science)

Terms offered: Fall 2025, Winter 2026

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

Description

Derivative as a matrix. Chain rule. Implicit functions. Constrained maxima and minima. Jacobians. Multiple integration. Line and surface integrals. Theorems of Green, Stokes and Gauss. Fourier series with applications.

- Restriction: Not open to students who have taken or are taking MATH 248
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- Prerequisites: MATH 133, MATH 222
- Restriction: Not open to students who have taken or are taking MATH 248 or MATH 358.

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

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