

# MATH 350 : Multivariate Calculus

An extension of the methods of calculus to functions of more than one variable, or functions returning vectors. Issues addressed include the theory and application of partial derivatives and multiple integrals, as well as the theorems of Green, Gauss and Stokes which represent multivariate analogues of the Fundamental Theorem of Calculus.

**Credits** 4

**Prerequisites**

MATH 280: Calculus B

**Attributes**

Analytical Reasoning

Required for the major

Natural Sciences Division

Pre-req

Upper-Level