

## MATH 435 : Analysis B

A continuation of [MATH 430](#) and treatment of a more advanced analytic topic. Commonly this has been a careful treatment of differentiation and Riemann integration, including results like the Fundamental Theorem of Calculus, the termwise integrability and differentiability of power series, and perhaps the theorem that a function on a closed, bounded interval is Riemann integrable if and only if it is bounded and almost everywhere continuous.

**Credits** 3

**Prerequisites**

[MATH 430: Analysis A](#)

**Attributes**

Alternate Year

Analytical Reasoning

Required for the major

Upper-Level