

# MATH 4343 : Introduction to Partial Differential Equations

Mathematical formulation of physical laws. Existence and uniqueness for Cauchy and Dirichlet problems; classification of equations; potential-theoretic methods; other topics at the discretion of the instructor. Recommended for students interested in applications of mathematics and engineering. Prerequisite: [MATH 2343](#).

**Credits** 3

**Course ID**

006538

**Requisites**

[MATH 4343](#) Prerequisites: [MATH 2343](#)

**Semester Offered**

Spring semester