COURSE DETAIL

INTRODUCTION TO PARTIAL DIFFERENTIAL EQUATIONS
Country Norway
Host Institution University of Oslo
Program(s) University of Oslo
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Mathematics
UCEAP Course Number 119
UCEAP Course Suffix
UCEAP Official Title INTRODUCTION TO PARTIAL DIFFERENTIAL EQUATIONS
UCEAP Transcript Title PARTIAL DIFF EQUATN
UCEAP Quarter Units 8.00
UCEAP Semester Units 5.30

Course Description

This course gives an introduction to analytical techniques for partial differential equations, in particular to separation of variables. In addition the course treats qualitative properties of solutions, such as maximum principles and energy estimates. The course also gives a basic introduction to difference methods and their stability analysis.

Language(s) of Instruction
English

Host Institution Course Number
MAT3360

Host Institution Course Title
INTRODUCTION TO PARTIAL DIFFERENTIAL EQUATIONS

Host Institution Course Details
https://www.uio.no/studier/emner/matnat/math/MAT3360/index-eng.html

Host Institution Campus

Host Institution Faculty
Mathematics and Natural Sciences

Host Institution Degree
Bachelor

Host Institution Department
Mathematics

Course Last Reviewed
2025-2026

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