COURSE DETAIL

INTRODUCTION TO COMPLEX ANALYSIS

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 105

UCEAP Course Suffix

UCEAP Official Title INTRODUCTION TO COMPLEX ANALYSIS

UCEAP Transcript Title INTRO COMPLX ANALYS

UCEAP Quarter Units 8.00

UCEAP Semester Units 5.30

Course Description

This course provides an introduction to the theory of functions of a complex variable. Key topics in the subject are analytical and harmonic functions and their properties, potency and Laurent lines, isolated singular points, Cauchy's integral and residual drawing, the maximum principle, Schwarz lemma, and consistent images.

Language(s) of Instruction

English

Host Institution Course Number MAT2410

Host Institution Course Title INTRODUCTION TO COMPLEX ANALYSIS

Host Institution Campus

Mathematics and Natural Sciences

Host Institution Faculty

Host Institution Degree

Host Institution Department

Mathematics

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