

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 Course Details**Host Institution Campus**

Mathematics and Natural Sciences

Host Institution Faculty**Host Institution Degree****Host Institution Department**

Mathematics

Course Last Reviewed

[Print](#)