

COURSE DETAIL

MATHEMATICAL METHODS IN PHYSICS

Country

Norway

Host Institution

University of Oslo

Program(s)

University of Oslo

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Physics Mathematics

UCEAP Course Number

117

UCEAP Course Suffix**UCEAP Official Title**

MATHEMATICAL METHODS IN PHYSICS

UCEAP Transcript Title

MATH METHOD PHYSICS

UCEAP Quarter Units

8.00

UCEAP Semester Units

5.30

Course Description

This course addresses a number of important mathematical methods often used in physics. The course discusses topics including basic complex analysis, differential equations, Fourier series, and transforms, tensor calculus, variational calculus, orthogonal functions, and Laplace transformations.

Language(s) of Instruction

English

Host Institution Course Number

FYS3140

Host Institution Course Title

MATHEMATICAL METHODS IN PHYSICS

Host Institution Course Details**Host Institution Campus**

Mathematics and Natural Sciences

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

Physics

Course Last Reviewed

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