

COURSE DETAIL

NUMERICAL ANALYSIS: NUMERICAL METHODS FOR DIFFERENTIAL EQUATIONS

Country

Sweden

Host Institution

Lund University

Program(s)

Lund University

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Mathematics

UCEAP Course Number

103

UCEAP Course Suffix**UCEAP Official Title**

NUMERICAL ANALYSIS: NUMERICAL METHODS FOR DIFFERENTIAL EQUATIONS

UCEAP Transcript Title

NUM METHOD/DIFF EQU

UCEAP Quarter Units

6.00

UCEAP Semester Units

4.00

Course Description

The course gives an introduction to numerical analysis for differential equations. This includes the construction, analysis, implementation and application of numerical methods for initial value problems, boundary value problems and different types of partial differential equations.

Language(s) of Instruction

English

Host Institution Course Number

NUMN20

Host Institution Course Title

NUMERICAL ANALYSIS: NUMERICAL METHODS FOR DIFFERENTIAL EQUATIONS

Host Institution Course Details<https://www.lunduniversity.lu.se/lubas/i-uoh-lu-NUMN20>**Host Institution Campus****Host Institution Faculty**

Science

Host Institution Degree**Host Institution Department**

Mathematics

Course Last Reviewed

2021-2022

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