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

Print