COURSE DETAIL

ANALYSIS IN ONE VARIABLE
Country Sweden
Host Institution Lund University
Program(s) Lund University
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Mathematics
UCEAP Course Number 121
UCEAP Course Suffix
UCEAP Official Title ANALYSIS IN ONE VARIABLE
UCEAP Transcript Title ANALYS ONE VARIABLE
UCEAP Quarter Units 12.00
UCEAP Semester Units 8.00

Course Description
The course gives an introduction to differential and integral calculus with emphasis on theoretical aspects. The following topics are covered: basic properties of real numbers; limits and numerical series; properties of continuous functions of one variable; differential calculus and optimization of real functions; drawing curves; elementary functions; integral calculus for real functions; simple differential equations; Taylor's formula with applications; numerical aspects of the above.

Language(s) of Instruction
English

Host Institution Course Number
MATA21

Host Institution Course Title
ANALYSIS IN ONE VARIABLE

Host Institution Course Details

Host Institution Campus
Science

Host Institution Faculty

Host Institution Degree

Host Institution Department
Mathematics

Course Last Reviewed

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