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

Print