COURSE DETAIL

LINEAR ALGEBRA II
Country Sweden
Host Institution Lund University
Program(s) Lund University
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Mathematics
UCEAP Course Number 161
UCEAP Course Suffix
UCEAP Official Title LINEAR ALGEBRA II
UCEAP Transcript Title LINEAR ALGEBRA II
UCEAP Quarter Units 6.00
UCEAP Semester Units 4.00

Course Description
This course covers linear spaces and transformations, matrix representation of linear mappings, Euclidean spaces, determinants, eigenvalues and eigenvectors, spectral theorem, quadratic surfaces, and quadratic forms. The final grade is determined by a final exam and a final project.

Language(s) of Instruction
English

Host Institution Course Number
MATB22

Host Institution Course Title
LINEAR ALGEBRA II

Host Institution Course Details
https://www.lunduniversity.lu.se/lubas/i-uoh-lu-matb22

Host Institution Campus
Lund

Host Institution Faculty
Science

Host Institution Degree

Host Institution Department

Course Last Reviewed
2024-2025

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