COURSE DETAIL

4.00

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**

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 Campus

Lund

Host Institution Faculty

Science

Host Institution Degree

Host Institution Department

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