

COURSE DETAIL

APPLIED LINEAR ALGEBRA

Country

Taiwan

Host Institution

National Taiwan University

Program(s)

National Taiwan University

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Mathematics

UCEAP Course Number

111

UCEAP Course Suffix**UCEAP Official Title**

APPLIED LINEAR ALGEBRA

UCEAP Transcript Title

APPL LINEAR ALGEBRA

UCEAP Quarter Units

4.50

UCEAP Semester Units

3.00

Course Description

This course introduces the fundamental theory of linear algebra and its applications in the field of agronomy. It is designed for students with limited mathematical background who wish to apply linear algebra to practical problems. The course covers essential concepts such as matrices and systems of linear equations, vector spaces, and eigenvalues and eigenvectors. Through the use of applied examples and case studies, students learn how to use linear algebraic methods to analyze and solve real-world problems.

Language(s) of Instruction

Chinese

Host Institution Course Number

Agron4023

Host Institution Course Title

APPLIED LINEAR ALGEBRA

Host Institution Course Details

<https://course.ntu.edu.tw/en/courses/114-2/26999>

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

Agronomy

Course Last Reviewed

2025-2026

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