

# COURSE DETAIL

## MATHEMATICS FOR LIBERAL ARTS AND SCIENCE

**Country**

Netherlands

**Host Institution**

Utrecht University - University College Utrecht

**Program(s)**

University College Utrecht

**UCEAP Course Level**

Lower Division

**UCEAP Subject Area(s)**

Mathematics

**UCEAP Course Number**

11

**UCEAP Course Suffix****UCEAP Official Title**

MATHEMATICS FOR LIBERAL ARTS AND SCIENCE

**UCEAP Transcript Title**

MATH LIB ART & SCI

**UCEAP Quarter Units**

6.00

**UCEAP Semester Units**

4.00

## Course Description

Students learn elementary yet important mathematical concepts and techniques that have a wide range of applications in natural and social sciences. The focus is on calculus skills required for further study in life sciences, earth sciences, and economics, amongst others. Topics include basic and discrete mathematics, matrices, graphs and derivatives, functions of multiple variables, and optimization and basic integration, with applications to probability distributions.

### Language(s) of Instruction

English

### Host Institution Course Number

UCACCMAT01

### Host Institution Course Title

MATHEMATICS FOR LIBERAL ARTS AND SCIENCE

### Host Institution Course Details

<https://cursusplanner.uu.nl/course/UCACCMAT01/2022/SEM2>

### Host Institution Campus

### Host Institution Faculty

Academic Core

### Host Institution Degree

### Host Institution Department

Mathematics

### Course Last Reviewed

2021-2022

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