

# COURSE DETAIL

## HISTORY OF MATHEMATICS

**Country**

Spain

**Host Institution**

Complutense University of Madrid

**Program(s)**

Complutense University of Madrid

**UCEAP Course Level**

Upper Division

**UCEAP Subject Area(s)**

Mathematics

**UCEAP Course Number**

159

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

HISTORY OF MATHEMATICS

**UCEAP Transcript Title**

HIST OF MATHEMATICS

**UCEAP Quarter Units**

5.00

**UCEAP Semester Units**

3.30

## Course Description

This course provides a study of the history and development of mathematics, from its origins to the present. It is divided in two parts: mathematics through the 18th century (pre-Euclidean mathematics; Golden Age; second Alexandrian period; medieval mathematics; 16th century; the scientific revolution; development of calculation and mechanics in the 18th century), and mathematics of the last two centuries (from Gauss to the foundation of analysis; foundation of mathematics; Gödel theorems and computation; birth of modern algebra; geometrization of space in the 19th century; differential geometry and applications; algebraic geometry and applications; physical motivations of functional analysis).

## Language(s) of Instruction

Spanish

## Host Institution Course Number

800594

## Host Institution Course Title

HISTORIA DE LAS MATEMÁTICAS

## Host Institution Course Details

## Host Institution Campus

Facultad de Ciencias Matemáticas, Campus de Ciudad Universitaria

## Host Institution Faculty

## Host Institution Degree

## Host Institution Department

Grado en Ingeniería Matemática

## Course Last Reviewed

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