

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 Campus

Facultad de Ciencias Matemáticas, Campus de Ciudad Universitaria

Host Institution Faculty**Host Institution Degree****Host Institution Department**

Grado en Ingeniería Matemática

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