COURSE DETAIL

MATHEMATICS EDUCATION I

Country
Spain

Host Institution
Complutense University of Madrid

Program(s)
Complutense University of Madrid

UCEAP Course Level
Upper Division

UCEAP Subject Area(s)
Education

UCEAP Course Number
129

UCEAP Course Suffix
A

UCEAP Official Title
MATHEMATICS EDUCATION I

UCEAP Transcript Title
MATH EDUCATION

UCEAP Quarter Units
5.00

UCEAP Semester Units

3.30

Course Description

This course provides a theoretical and practical foundation in mathematical concepts related to natural numbers and their operations, with attention to how these topics are taught in primary education. It examines theories from mathematics education to analyze how children learn concepts such a numeration systems, addition, subtraction, multiplication, and division, and how these ideas appear in the primary school curriculum. The course also develops skills for future teachers to design and evaluate effective instruction sequences, classroom situations, and teaching materials that support meaningful learning in mathematics.

Language(s) of Instruction
English

Host Institution Course Number
800432

Host Institution Course Title
MATEMÁTICAS Y SU DIDÁCTICA I

Host Institution Course Details
https://www.ucm.es/estudios/grado-educacionprimaria-plan-800432

Host Institution Campus
MONCLOA

Host Institution Faculty
Facultad de Educación – Centro de Formación del Profesorado

Host Institution Degree
GRADO EN MAESTRO EN EDUCACIÓN PRIMARIA

Host Institution Department
Departamento de Didáctica de las Ciencias Experimentales, Sociales y Matemáticas

Course Last Reviewed
2025-2026

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