

# COURSE DETAIL

## AUTOMATA THEORY AND COMPILERS

**Country**

Spain

**Host Institution**

Carlos III University of Madrid

**Program(s)**

Carlos III University of Madrid

**UCEAP Course Level**

Upper Division

**UCEAP Subject Area(s)**

Engineering Computer Science

**UCEAP Course Number**

120

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

AUTOMATA THEORY AND COMPILERS

**UCEAP Transcript Title**

AUTOMATA THEORY

**UCEAP Quarter Units**

5.00

**UCEAP Semester Units**

3.30

## Course Description

This course offers a study of the theory of automata and formal languages. Topics include: automata theory; finite automata; languages and formal grammars; regular languages; pushdown automata; Turing machine; computational complexity.

## Language(s) of Instruction

English

## Host Institution Course Number

16491

## Host Institution Course Title

TEORÍA DE AUTÓMATAS Y COMPILADORES

## Host Institution Course Details

<https://aplicaciones.uc3m.es/cpa/generaFicha?est=350&anio=2023&plan=392&asig=16...>

## Host Institution Campus

Leganés

## Host Institution Faculty

Escuela Politécnica Superior

## Host Institution Degree

Ciencia e Ingeniería de Datos

## Host Institution Department

Informática

## Course Last Reviewed

2023-2024

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