

# COURSE DETAIL

## ARTIFICIAL INTELLIGENCE THEORY & APPLICATION

**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)**

Computer Science

**UCEAP Course Number**

111

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

ARTIFICIAL INTELLIGENCE THEORY & APPLICATION

**UCEAP Transcript Title**

AI THEORY & APP

**UCEAP Quarter Units**

5.00

**UCEAP Semester Units**

3.30

## Course Description

This course provides a study of artificial intelligence and the application of AI tools and techniques to solve real-world problems. Topics include: knowledge representation techniques; types of searches (blind, heuristic); reasoning under uncertainty (Bayesian inference, Bayesian Networks, Markov Models, fuzzy logic); applied artificial intelligence.

## Language(s) of Instruction

### Host Institution Course Number

13883,18268,17306

### Host Institution Course Title

INTELIGENCIA ARTIFICIAL

### Host Institution Course Details

<https://aplicaciones.uc3m.es/cpa/generaFicha?est=218&anio=2023&plan=431&asig=13...>

### Host Institution Campus

Leganés

### Host Institution Faculty

Escuela Politécnica Superior

### Host Institution Degree

Grado en Ciencia e Ingeniería de Datos, Grado en Ingeniería Informática

### Host Institution Department

Informática

### Course Last Reviewed

2023-2024

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