

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

[Print](#)