

COURSE DETAIL

SEARCH TECHNIQUES AND ALGORITHMS

Country

Spain

Host Institution

University of Alicante

Program(s)

University of Alicante

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Engineering Computer Science

UCEAP Course Number

133

UCEAP Course Suffix**UCEAP Official Title**

SEARCH TECHNIQUES AND ALGORITHMS

UCEAP Transcript Title

ALGORITHMS/SRCH TEC

UCEAP Quarter Units

5.00

UCEAP Semester Units

3.30

Course Description

This course examines heuristic search, games, and algorithms. Topics include the importance of heuristics in search problems, search algorithms, evolutionary programming, evaluating heuristics, and game problems. Students examine NP-completeness theory, classifying problems, graph matching, and information theory.

Language(s) of Instruction

Spanish

Host Institution Course Number

33670

Host Institution Course Title

TÉCNICAS Y ALGORITMOS DE BÚSQUED

Host Institution Course Details

<https://cvnet.cpd.ua.es/Guia-Docente/GuiaDocente/Index?wcodest=C213&wcodasi=336...>

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Degree in Engineering in Artificial Intelligence

Host Institution Department

Computer Science and Artificial Intelligence

Course Last Reviewed

2025-2026

[Print](#)