COURSE DETAIL

WEB AND SOCIAL MINING

Country
Italy

Host Institution
University of Bologna

Program(s)
University of Bologna

UCEAP Course Level
Upper Division

UCEAP Subject Area(s)
Statistics

UCEAP Course Number
188

UCEAP Course Suffix

UCEAP Official Title
WEB AND SOCIAL MINING

UCEAP Transcript Title
WEB & SOCIAL MINING

UCEAP Quarter Units
6.00

UCEAP Semester Units
4.00

Course Description

This course is part of the Laurea Magistrale degree program and is intended for advanced level students. Enrollment is by permission of the instructor. At the end of the course the student is able to choose and use recent methods for web and social mining. In particular the student is able to extract knowledge from the web and social media by applying machine learning techniques to analyze associations and carry out clickstream, sentiment, text mining, and network analysis. The student is able to: use methods for extracting knowledge from the web; use recent data mining software for solving practical problems of web mining; and has the experience to carry out independent study and research. Lectures and laboratory exercises using R software.

The course is divided into 4 parts: Aims and steps of web mining; Data extraction; Text mining; Analysis of Social Networks

Language(s) of Instruction
English

Host Institution Course Number
96803

Host Institution Course Title
WEB AND SOCIAL MINING

Host Institution Course Details
https://www.unibo.it/en/study/course-units-transferable-skills-moocs/course-uni...

Host Institution Campus
Bologna

Host Institution Faculty

Host Institution Degree
LM in STATISTICS, ECONOMICS, AND BUSINESS

Host Institution Department

STATISTICS

Course Last Reviewed

2025-2026

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