

COURSE DETAIL

URBAN AND TERRITORIAL PLANNING IN A CHANGING CLIMATE

Country

Italy

Host Institution

University of Bologna

Program(s)

University of Bologna

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Urban Studies Environmental Studies

UCEAP Course Number

161

UCEAP Course Suffix**UCEAP Official Title**

URBAN AND TERRITORIAL PLANNING IN A CHANGING CLIMATE

UCEAP Transcript Title

URBAN PLAN CLIMATE

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, students know how to interpret the characteristics of the contemporary city in a changing climate. The student will know the main available tools and methods to understand, plan, and design adaptive communities, taking into account the peculiarities of diverse context (urban, rural, island, mountain). Greening and ecosystem services are explored as a strong driver of resilience and sustainability, while the principle of environmental and climate justice is integrated throughout the course.

The course begins with an introduction to planning principles, processes, methods, and tools to support students' understanding around the concept of sustainability, resilience, and planning. Planning is considered in both rural and urban environments, considering those as a complex socio-ecological system. Around the idea of planning, the course touches upon the following topics: planning in a changing climate, but how is the climate changing?; climate and environmental justice; climate risks in urban and rural areas; urban areas: greening the city; rural regeneration theory and practice from case studies and projects; and landscape management and values.

Language(s) of Instruction

English

Host Institution Course Number

B5828

Host Institution Course Title

URBAN AND TERRITORIAL PLANNING IN A CHANGING CLIMATE

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 SCIENCES AND MANAGEMENT OF NATURE

Host Institution Department

Biological, Geological, and Environmental Sciences

Course Last Reviewed

2025-2026

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