

## COURSE DETAIL

### RESOURCES AND RECYCLING

**Country**

Italy

**Host Institution**

University of Bologna

**Program(s)**

University of Bologna

**UCEAP Course Level**

Upper Division

**UCEAP Subject Area(s)**

Environmental Studies

**UCEAP Course Number**

166

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

RESOURCES AND RECYCLING

**UCEAP Transcript Title**

RESORC&RECYCLE

**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. The aim of this course is to develop cultural, scientific, and technical aspects for the enhancement and sustainable use and recycling of both raw materials and primary-secondary resources. Moreover, this course develops the design aspects and feasibility of Appropriate Technologies for the developing countries, particularly with regard to water supply, wastewater treatment, and solid waste management. The course is deepened on principles of Circular Economy (dry waste for recycling and organic waste for composting), on the circularity as tool for saving raw material, water, and natural resources and to reduce waste production. Course content includes (but is not limited to): Principles of circular economy and sustainability, climate change and transition engineering, sustainable development and sustainable use of resources, and the integrated management of municipal waste collection and treatment.

### Language(s) of Instruction

English

### Host Institution Course Number

70040,73356

### Host Institution Course Title

RESOURCES AND RECYCLING

### Host Institution Course Details

<https://www.unibo.it/en/study/phd-professional-masters-specialisation-schools-a...>

### 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**

2024-2025

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