

## COURSE DETAIL

### BIOPOLYMERS CHEMISTRY

**Country**

Italy

**Host Institution**

University of Bologna

**Program(s)**

University of Bologna

**UCEAP Course Level**

Upper Division

**UCEAP Subject Area(s)**

Chemical Engineering

**UCEAP Course Number**

163

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

BIOPOLYMERS CHEMISTRY

**UCEAP Transcript Title**

BIOPOLYMERS CHEM

**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 course is focused on the effect of the synthesis of monomers and biopolymers on the environment, with a particular attention on their current and potential eco-sustainable developments and their effects on recyclability and biodegradability. At the end of the course the student has acquired important knowledge on the different types of biopolymers and their overall impact on the environment. The course is divided into 6 parts: Life without plastic; Polymers and green chemistry; Biopolymers chemistry; End of LIFE; Plastic pollution; Green polymers and Europe.

## Language(s) of Instruction

English

## Host Institution Course Number

93252

## Host Institution Course Title

BIOPOLYMERS CHEMISTRY

## 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 ENVIRONMENTAL ENGINEERING

## Host Institution Department

CIVIL, CHEMICAL, ENVIRONMENTAL, AND MATERIALS ENGINEERING

## Course Last Reviewed

2025-2026

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