

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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