



UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

SYLLABUS DEL CORSO

Laboratorio di Chimica Organica II (blended)

2425-2-E2702Q094-E2702Q096M

Aims

The aim of course is to provide the student with the essential theoretical and practical skills for a safe and corrected approach to desinging and experimental organic chemistry.

Contents

Aim of the laboratory part is to provide the student with a direct experience of the most common operations in organic synthesis, purification and basic characterization.

Detailed program

- safety procedures in the organic chemistry lab
- separations
- distillations
- crystallizations
- chromatographies
- organic chemistry esercizi
- spectroscopic techniques

Prerequisites

elements of organic, inorganic and physical chemistry

Teaching form

9 laboratory activities (4 h) Interactive Teaching in presence

12 classes (2 h) Interactive Teaching in presence

6 classes (2 h) Interactive Teaching on line

Textbook and teaching resource

Experimental guide made by the teacher

E-Learning web page of the course

Semester

second year first semester

Assessment method

evaluation of the performance in the lab and lab reports

In detail: the ability to work in compliance with current safety regulations, the ability to work independently and the mastery of the fundamental techniques of the organic chemistry laboratory will be evaluated. At the level of relationships, we will evaluate the ability to display the operations performed in a concise but complete manner, the ability to correctly manage the experimental data, also at the level of error theory.

The results obtained in terms of purity, identity and yield will be evaluated.

Office hours

on request

Sustainable Development Goals

GOOD HEALTH AND WELL-BEING
