

# Chimie organique 2

**Lecturer**

Ivan JABIN (Coordinator)

**Course mnemonic**

CHIM-F204

**ECTS credits**

10 credits

**Language(s) of instruction**

French

**Course period**

First term

## Course content

Nucleophilic substitution. Elimination. Electrophilic addition to C=C. Nucleophilic addition to carbonyl group. Reactions of enols and enolates. Unsaturated aldehydes and ketones. Electrophilic aromatic substitution. Oxidation of alcohols and aldehydes. Carboxylic acids and derivatives.

## Objectives (and/or specific learning outcomes)

To understand the important reactions in organic chemistry.

## Pre-requisites and co-requisites

### Pre-requisites courses

CHIM-F102 | Chimie organique 1 | 5 crédits

### Course having this one as co-requisite

CHIM-F301 | Chimie organique 3 | 10 crédits

## Teaching method and learning activities

Lectures, supervised exercises and practical work

## References, bibliography and recommended reading

Vollhaerd and Schore, "Traité de chimie organique" (Ed De Boeck University); Clayden, Greeves, Warren and Wothers, "Organic Chemistry" (Ed De Boeck University).

## Other information

### Contact(s)

Prof. I. Jabin - UD4.121 - [ijabin@ulb.ac.be](mailto:ijabin@ulb.ac.be)

## Evaluation method(s)

Other

## Evaluation method(s) (additional information)

Oral examination + Written examination

## Determination of the mark (including the weighting of partial marks)

Oral examination (50 %)

Written examination (20 %)

TP (30 %)

## Main language(s) of evaluation

French

## Programmes

### Programmes proposing this course at the faculty of Sciences

BA-CHIM | Bachelor in Chemistry | unit 2