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. Oxydation of alcohols and aldehydes. Carboxylic acids and derivatives.

Objectives (and/or specific learning outcomes)

To understand the important reactions in organic chemistry.

Pre-requisits and co-requisits

Pre-requisites courses

CHIM-F102 | Chimie organique 1 | 5 crédits

Course having this one as co-requisit

CHIM-F301 | Chimie organique 3 | 10 crédits

Teaching method and learning activities

Lectures, supervised exercices and practical work

References, bibliography and recommended reading

Vollhaerdt 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

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