

# Chimie organique 1

**Lecturer**

Cécile MOUCHERON (Coordinator)

**Course mnemonic**

CHIM-F102

**ECTS credits**

5 credits

**Language(s) of instruction**

French

**Course period**

Second term

## Course content

The course starts from alkanes and presents molecules complexity of which increases. Physical properties are discussed, as well as thermodynamics and kinetics concepts. The mechanisms of the different reactions are also discussed.

## Objectives (and/or specific learning outcomes)

Make the student familiar with organic chemistry and his use in every day life. Define basic concepts of the different transformations of organic compounds. Discuss properties of the most common organic functions.

## Pre-requisites and co-requisites

### Courses having this one as pre-requisite

BIOL-F208 | Biochimie et physiologie de la cellule | 5 crédits and  
CHIM-F204 | Chimie organique 2 | 10 crédits

### Courses having this one as co-requisite

CHIM-F208 | Biochimie 1 | 5 crédits and CHIM-F318 | Analyse  
structurale spectrométrie | 5 crédits

## Teaching method and learning activities

Ex-catherdra courses and exercises

## References, bibliography and recommended reading

"Invitation to organic chemistry", A.W.Johnson, Ed.Jones and Bartlett, "Organic chemistry", Clayden, Greeves, Warren and Wothers, Oxford

## Other information

### Contact(s)

Cécile Moucheron 02/650 36 07 cmouche@ulb.ac.be Service de chimie organique et photochimie CP 160/08 Local P2-3-108

## Evaluation method(s)

Other

### Evaluation method(s) (additional information)

Oral examination with a small presentation

## Programmes

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

BA-BIOL | Bachelor in Biology | option Bruxelles/unit 1, BA-CHIM | Bachelor in Chemistry | unit 1, BA-GEOG | Bachelor in Geography : General | unit 2 and unit 3, BA-IRBI | Bachelor in Bioengineering | unit 1, BA-MATH | Bachelor in Mathematics | unit 1 and MA-GEOL | Master in Geology | finalité Research - 1st year/unit 1 and finalité Research - 1st year/unit 2

### Programmes proposing this course at the Brussels School of Engineering

BA-IRBI | Bachelor in Bioengineering | unit 1