Modélisation des rythmes du vivant

Lecturers
Didier GONZE (Coordinator), Geneviève DUPONT and Jean-Christophe LELOUP

Course mnemonic
CHIM-F422

ECTS credits
5 credits

Language(s) of instruction
French

Course period
Second term

Objectives (and/or specific learning outcomes)

The goal of this course is to examine the molecular mechanisms of several biological rhythms, to identify the main cellular regulatory processes and to model them.

Pre-requisits and co-requisits

Co-requisites courses

BINF-F404 | Modeling dynamical systems in biology | 5 crédits and CHIM-F4002 | Cinétique chimique, catalyse enzymatique et macromolécules biologiques | 5 crédits

Other information

Contact(s)

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Evaluation method(s)

Oral examination

Evaluation method(s) (additional information)

Oral exam

Main language(s) of evaluation

French

Programmes

Programmes proposing this course at the faculty of Sciences

MA-BINF | Master in Bio-informatics and Modelling | finalité Research/unit 1, MA-CHIM | Master in Chemistry | finalité Research/unit 1, finalité Teaching/unit 1 and finalité Professional/unit 1 and MA-IRBC | Master in Chemistry and Bio-industries Bioengineering | finalité Professional/unit 2

Programmes proposing this course at the Brussels School of Engineering

MA-IRBC | Master in Chemistry and Bio-industries Bioengineering | finalité Professional/unit 2