

# Algorithms in computational biology

## Lecturer

John IACONO (Coordinator)

## Course mnemonic

INFO-F438

## ECTS credits

5 credits

## Language(s) of instruction

English

## Course period

Second term

## Course content

Overview of typical computational issues in biology and their algorithmic solutions, including problems on graphs, pattern matching, sequence alignment using dynamic programming, and NP-hard optimization problems.

## Other information

### Contact(s)

Jean Cardinal email : jcardin@ulb.ac.be phone : (02 650) 56 08

### Evaluation method(s)

Other

## Programmes

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

MA-BINF | Master in Bio-informatics and Modelling | finalité Research/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