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)

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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