Algorithms for big data

**Course content**


**Objectives (and/or specific learning outcomes)**

Students will learn a variety of algorithmic techniques, their application and analysis.

**Pre-requisites and co-requisites**

Required knowledge and skills

Basic knowledge of programming in a language such as python. Basic probability theory and algebra should be well-understood.

**Teaching method and learning activities**

Lectures and homework. Almost all algorithms presented will be coded fully.

**Other information**

**Place(s) of teaching**

Plaine

**Contact(s)**

John Iacono

**Evaluation method(s)**

Written examination and Project

**Main language(s) of evaluation**

English

**Programmes**

Programmes proposing this course at the faculty of Sciences

MA-INFO | Master in Computer science | finalité Professional/unit 2 and MS-BGDA | Specialized Master in data science, Big data | unit U

Programmes proposing this course at the Solvay Brussels School of Economics and Management

MS-BGDA | Specialized Master in data science, Big data | unit U

Programmes proposing this course at the Brussels School of Engineering

MS-BGDA | Specialized Master in data science, Big data | unit U