



*UCL Study*

*programme*

*2023 - 2024*



## MINSTAT - Teaching profile

### Learning outcomes

Aims of the course in terms of skills: the minor aims to allow the student to acquire basic skills in applied statistics which are of use in his/her specialist subject or help him/her prepare for a Master's in Statistics.

### Programme

#### DETAILED PROGRAMME BY SUBJECT

- Mandatory
- ⊗ Optional
- △ Not offered in 2023-2024
- ⊖ Not offered in 2023-2024 but offered the following year
- ⊕ Offered in 2023-2024 but not the following year
- △ ⊕ Not offered in 2023-2024 or the following year
- Activity with requisites
- 🌐 Open to incoming exchange students
- 🚫 Not open to incoming exchange students
- (FR) Teaching language (FR, EN, ES, NL, DE, ...)

Click on the course title to see detailed informations (objectives, methods, evaluation...)

30 crédits

Year

2 3

#### Content:

##### Module 1 (cours de base en mathématique)

###### ⊗ Bloc 1

● LMAT1101	Mathematics 1	Pedro Dos Santos Santana Forte Vaz	PS [q1] [30h+20h] [4 Credits] 🌐	X	X
● LMAT1102	Mathematics 2	Augusto Ponce	PS [q2] [30h+30h] [4 Credits] 🌐	X	X

###### ⊗ Bloc 2

● LECGE1112	Mathematics in economy and management	Julien Federinov (compensates Pascal Lambrechts) Mathieu Van Vyve	PS [q1] [45h+30h] [6 Credits] 🌐	X	X
● LECGE1230	Mathematics in Economics and Management II	Pieter Klaessens	PS [q1] [45h+30h] [6 Credits] 🌐	X	X

###### ⊗ Bloc 3

● LINGE1114	Mathematics I: analysis	Heiner Obermann	PS [q1] [30h+30h] [5 Credits] 🌐	X	X
● LINGE1121	Mathematics II: algebra and matrix calculus	Tom Claeys	PS [q2] [30h+30h] [5 Credits] 🌐	X	X

○



Year

2 3

LIEPR1004A

Biologie cellulaire et éléments d'histologie (partim A FSA)

Catherine Behets  
Wydemans  
Patrick Henriët

PR [q2] [45h] [4 Credits]

x x

## THE PROGRAMME'S COURSES AND LEARNING OUTCOMES

For each UCLouvain training programme, a [reference framework of learning outcomes](#) specifies the skills expected of every graduate on completion of the programme. Course unit descriptions specify targeted learning outcomes, as well as the unit's contribution to reference framework of learning outcomes.

## MINSTAT - Information

### Access Requirements

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The minor in statistics is open to students from UCLouvain baccalaureate for whom statistics appears to be an attractive additional tool, and who already have sufficient basic training in mathematics and statistics. The real content of his/her program will depend on his/her goals and basic skills in statistics, mathematics and IT.

Students with little or no training in mathematics and statistics in their bachelor's program have access to the Minor in Statistics and Data Science (MINDATA), which offers an introduction to the practice of statistics.

Students who have direct access to the master in Statistics and master in Data Science are encouraged to choose the advanced minor (APPSTAT).

An adviser from the Institut de statistique will be available to help the student decide in which group s/he belongs and to help him/her choose his/her electives to match his/her aims.

### Evaluation

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