

MINSTAT - Introduction

Introduction

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 2024-2025
- ⊖ Not offered in 2024-2025 but offered the following year
- ⊕ Offered in 2024-2025 but not the following year
- △ ⊕ Not offered in 2024-2025 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

o Content:

- o Module 1 (cours de base en mathématique)

				Year	
				2	3
▶ LBIR1315	Probability and statistics II	Patrick Bogaert	EB [q1] [22.5h+22.5h] [3 Credits]	x	x

Bloc 3

▶ LINGE1113	Probability	Johan Segers	EB [q2] [30h+15h] [4 Credits]	x	x
▶ LINGE1214	Further Statistics	Christian Hafner	EB [q1] [30h+15h] [4 Credits]	x	x

Module 3 (cours de base en informatique)

mi les cours qu'il choisit, l'étudiant sélectionne maximum un cours parmi LINFO1101 et LINGE1225. L'étudiant qui suit plusieurs cours s ce module suit obligatoirement les cours selon la séquence suivante : (LINFO1101 ou LINGE1225) puis LEPL1402 puis finalement 'L 1509.

LINFO1101	Introduction to programming	Kim Mens Siegfried Nijssen Charles Pecheur	EB [q1] [30h+30h] [5 Credits]	x	x
LINGE1225	Programming in Economics and Management	Marco Saerens	EB [q1] [22.5h+22.5h] [4 Credits]	x	x
LEPL1402	Informatics 2	Sébastien Jodogne Ramin Sadre Pierre Schaus	EB [q1] [30h+30h] [5 Credits]	x	x
LEPL1509	Project 4 (in informatics) LEPL1402 doit être suivi au plus tard la même année que LEPL1509.	Hélène Verhaeghe	EB [q2] [30h+22.5h] [5 Credits]	x	x

Module 4 (Statistique)

MINSTAT - Information

Access Requirements

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

The evaluation methods comply with the [regulations concerning studies and exams](#). More detailed explanation of the modalities specific to each learning unit are available on their description sheets under the heading "Learning outcomes evaluation method".

Possible trainings at the end of the programme

Majors-minors giving direct access to a master's course(s) :

Students who pass the minor in statistics have fulfilled the necessary conditions to enroll on a specialized master's in statistics.

Majors-minors giving access to the master's subject to the student meeting an additional requirement(s):

