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## MINDATA - Introduction

### Introduction

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## MINDATA - Teaching profile

## Learning outcomes

## 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

## o Content:

## o Module 1 : UE de base en statistique / probabilité

## ⊗ Choix 1

|            |   |                                       |                                      |   |   |
|------------|---|---------------------------------------|--------------------------------------|---|---|
| ● LPSP1011 | Statistics: descriptive analysis of quantitative data               | Nathalie Lefèvre                      | (FR) [q2] [22.5h] [3 Credits] 🌐      | X | X |
| ● LPSP1012 | Methodology of observation  | Stefan Agrigoroaei<br>Baptiste Barbot | (FR) [q2] [22.5h+7.5h] [4 Credits] 🌐 | X | X |
| ● LPSP1209 | Statistics, inference on one or two variables                       | Eugen Pircalabelu                     | (FR) [q1] [22.5h+15h] [4 Credits] 🌐  | X | X |
| ● LPSP1306 | Statistics: descriptive analysis and GLM multivariate data modeling | Aurélie Bertrand<br>Nathalie Lefèvre  | (FR) [q2] [30h+15h] [4 Credits] 🌐    | X | X |

## ⊗ Choix2

|             |  |   |                                   |   |   |
|-------------|--|---|-----------------------------------|---|---|
| ● LECGE1114 | Statistics in Economics and Management I | Alexandre Jacquemain                              | (FR) [q2] [30h+30h] [5 Credits] 🌐 | X | X |
| ● LECGE1224 | Economics and Management Statistics      | Cédric Heuchenne                                  | (FR) [q2] [30h+15h] [5 Credits] 🌐 | X | X |
| ● LECGE1316 | Econometrics                             | Michel Beine<br>(compensates<br>Muriel Dejemeppe) | (FR) [q1] [30h+15h] [5 Credits] 🌐 | X | X |

## o Module 2 : UE de statistique appliquée

|             |  |  |                                      |   |   |
|-------------|--|--|--------------------------------------|---|---|
| ⊗ LMAFY1101 | Data exploration and introduction to statistical inference | Anouar El Ghouch   | (FR) [q2] [30h+30h] [5 Credits] 🌐    | X | X |
| ⊗ LSTAT2200 | Survey and Sampling  | Séverine Guisset<br>Christian Ritter                     | (FR) [q2] [15h+5h] [4 Credits] 🌐     | X | X |
| ⊗ LSTAT2330 | Statistics in clinical trials.                             | Catherine Legrand<br>Annie Robert                        | (FR) [q2] [22.5h+7.5h] [5 Credits] 🌐 | X | X |
| ⊗ LDEMO2404 | Database management and processing                         | Ashira Menashe<br>Oren (compensates<br>Christine Schnor) | (FR) [q1] [15h+15h] [3 Credits] 🌐    | X | X |
| ⊗ LPSP1211  | Psychometrics  | Henryk Bukowski  | (FR) [q2] [30h+15h] [4 Credits] 🌐    | X | X |
| ⊗ LPSYS2145 | Data analysis: prediction patterns                         | Vincent Yzerbyt  | (FR) [q1] [45h+15h] [6 Credits] 🌐    | X | X |

|             |   |                  |                                 | Year |   |
|-------------|---|------------------|---------------------------------|------|---|
|             |   |                  |                                 | 2    | 3 |
| ⊗ LDEMO2047 | Méthodes quantitatives en sciences sociales : analyses causales, factorielles et typologies | Bruno Masquelier | EN [q1] [20h+20h] [5 Credits] 🌐 | x    | x |
| ⊗ LCOMU2810 | Méthodes approfondies de recueil et d'analyse de données                                    | Cédric Heuchenne | EN [q2] [22.5h] [5 Credits] 🌐   | x    | x |

## THE PROGRAMME'S COURSES AND LEARNING OUTCOMES

For each UCLouvain training programme, a [reference framework of learning outcomes](#) specifies the 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.

## MINDATA - Information

### Evaluation

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*The evaluation methods comply with the regulations concerning studies and exams (<https://uclouvain.be/fr/decouvrir/rgee.html>). 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

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La mineure d'ouverture en statistique ne donne pas d'accès direct au Master en statistique ni au master en Sciences des données.

### Contacts

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#### Curriculum Management

Entity

Structure entity

Denomination

Faculty

Sector

Acronym

Postal address

SST/SC/LSBA

(LSBA)

Faculty of Science (SC)

Sciences and Technology (SST)

LSBA

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<https://uclouvain.be/fr/facultes/sc/lsba>

Website

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Useful Contact(s)

- Donatien Hainaut
- Sophie Malali

