

## Table of contents

Introduction .....	2
Teaching profile .....	3
Learning outcomes .....	3
Programme .....	3
Detailed programme by subject .....	3
The programme's courses and learning outcomes .....	4
Information .....	5
Bachelors offering this minor .....	5
Evaluation .....	5
Possible trainings at the end of the programme .....	5
Contacts .....	5

## 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 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 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 (compensates 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 Christian Ritter	(FR) [q2] [15h+5h] [4 Credits] 🌐	X	X
⊗ LSTAT2330	Statistics in clinical trials.	Catherine Legrand Annie Robert	(FR) [q2] [22.5h+7.5h] [5 Credits] 🌐	X	X
⊗ LDEMO2404	Database management and processing	Ashira Menashe Oren (compensates 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

### Bachelors offering this minor

- > Bachelor in Modern Languages and Literatures : General [ en-prog-2023-roge1ba ]
- > Bachelor in History [ en-prog-2023-hist1ba ]
- > Bachelor in History of Art and Archaeology : General [ en-prog-2023-arke1ba ]
- > Bachelor in Ancient Languages and Literatures: Oriental Studies [ en-prog-2023-hori1ba ]
- > Bachelor in Information and Communication [ en-prog-2023-comu1ba ]
- > Bachelor in Ancient and Modern Languages and Literatures [ en-prog-2023-lafr1ba ]
- > Bachelor in French and Romance Languages and Literatures : General [ en-prog-2023-rom1ba ]
- > Bachelor in History of Art and Archaeology : Musicology [ en-prog-2023-musi1ba ]
- > Bachelor in religious studies [ en-prog-2023-reli1ba ]
- > Bachelor in Philosophy [ en-prog-2023-filo1ba ]
- > Bachelor in Modern Languages and Literatures: German, Dutch and English [ en-prog-2023-germ1ba ]
- > Bachelor in Law [ en-prog-2023-droi1ba ]
- > Bachelor in Ancient Languages and Literatures : Classics [ en-prog-2023-clas1ba ]
- > Bachelor in Motor skills : General [ en-prog-2023-edph1ba ]

### 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

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

### Contacts

#### Curriculum Management

Entity	
Structure entity	SST/SC/LSBA
Denomination	(LSBA)
Faculty	Faculty of Science (SC)
Sector	Sciences and Technology (SST)
Acronym	LSBA
Postal address	Voie du Roman Pays 20 - bte L1.04.01 1348 Louvain-la-Neuve Tel: +32 (0) 10 47 43 14 - Fax: +32 (0) 10 47 30 32 <a href="https://uclouvain.be/fr/facultes/sc/lsba">https://uclouvain.be/fr/facultes/sc/lsba</a>
Website	
Academic supervisor:	<a href="#">Johan Segers</a>
Useful Contact(s)	<ul style="list-style-type: none"> <li>• Study advisor: <a href="#">Donatien Hainaut</a></li> <li>• Secretary of The Louvain School of Statistics, Biostatistics and Actuarial Sciences: <a href="#">Sophie Malali</a></li> </ul>

