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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

Content:

Module 1 (cours de base en mathématique)

⊗ Bloc 1

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

⊗ Bloc 2

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

⊗ Bloc 3

| | | | | | |
|-------------|---|---|-----------------------------------|---|---|
| ● LINGE1114 | Mathematics I: analysis | Heiner Olbermann | (FR) [q1] [30h+30h] [5 Credits] 🌐 | X | X |
| ● LINGE1121 | Mathematics II: algebra and matrix calculus | Cécile Coyette (compensates Tom Claeys) | (FR) [q2] [30h+30h] [5 Credits] 🌐 | X | X |

Module 2 (cours de base en statistique/probabilité)

Au sein de chaque bloc, les cours doivent être suivis dans l'ordre indiqué.

⊗ Choix 2

| | | | | | |
|-------------|---|--|---------------------------------------|---|---|
| ● LSTAT2011 | Éléments de mathématiques pour la statistique | Nathan Uyttendaele (compensates Catherine Legrand) | (FR) [q1] [15h+15h] [3 Credits] 🌐 | X | X |
| ● LSTAT2014 | Elements of probability and mathematical statistics | Eugen Pircalabelu | (FR) [q1] [22.5h+22.5h] [5 Credits] 🌐 | X | X |

⊗ Bloc 2

| | | | | | |
|------------|----------------------------------|-----------------|-----------------------------------|---|---|
| ● LBIR1212 | Probabilities and statistics (I) | Patrick Bogaert | (FR) [q1] [30h+15h] [4 Credits] 🌐 | X | X |
|------------|----------------------------------|-----------------|-----------------------------------|---|---|

| | | | | 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)

Year

2 3

LFSM1104A

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

PK [q2] [45h] [4 Credits]

x x

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MINSTAT - Information

