

**At Louvain-la-Neuve - 120 credits - 2 years - Day schedule - In French**

Dissertation/Graduation Project : **YES** - Internship : **optional**

Activities in English: **YES** - Activities in other languages : **NO**

Activities on other sites : **NO**

Main study domain : **Sciences**

Organized by: **Faculty of Science (SC)**

Programme acronym: **STAT2M** - Francophone Certification Framework: 7

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## CORE COURSES

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				Year	
				1	2
⊗ LFILO2003E	Ethics in the Sciences and technics (sem)	Alexandre Guay (compensates Charles Pence) Hervé Jeanmart René Rezsóhazy	EN [q2] [15h+15h] [2 Credits]	x	x
⊗ LSC2001	Introduction to contemporary philosophy	Peter Verdée Peter Verdée (compensates Charles Pence)	EN [q2] [30h] [2 Credits]	x	x
⊗ LSC2220	Philosophy of science	Alexandre Guay	EN [q2] [30h] [2 Credits]	x	x

⊗ **Optional courses :**

*These credits are not counted within the 120 required credits.*

⊗ LSST1001	IngénieuxSud	Stéphanie Merle Jean-Pierre Raskin (coord.)	EN [q1+q2] [15h+45h] [5 Credits]	x	x
⊗ LSST1002M					

## PROFESSIONAL FOCUS [30.0]

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- 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, ...)

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

Year







## Supplementary classes

**To access this Master, students must have a good command of certain subjects. If this is not the case, students must take supplementary classes chosen by the faculty to satisfy course prerequisites.**

- 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
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- Activity with requisites
- 🌐 Open to incoming exchange students
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- [FR] Teaching language (FR, EN, ES, NL, DE, ...)

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

From 0 to 60credit(s)

### ⊗ Bloc intégré de probabilité, statistique et mathématique

○ LSTAT2011	<a href="#">Éléments de mathématiques pour la statistique</a>	Catherine Legrand	FR [q1] [15h+15h] [3 Credits] 🌐
○ LSTAT2014	<a href="#">Elements of probability and mathematical statistics</a>	Eugen Pircalabelu	FR [q1] [22.5h+22.5h] [5 Credits] 🌐

### ⊗ Cours de mathématique

⊗ LINGE1114	<a href="#">Mathematics I: analysis</a>	Heiner Olbermann	FR [q1] [30h+30h] [5 Credits] 🌐
⊗ LINGE1121	<a href="#">Mathematics II: algebra and matrix calculus</a>	Tom Claeys	FR [q2] [30h+30h] [5 Credits] 🌐

### ⊗ Cours d'informatique

⊗ LECGE1215	<a href="#">Information Technology in Economics and Management</a>	Manuel Kolp Marco Saerens	FR [q2] [30h+20h] [4 Credits] 🌐
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### ⊗ Cours de Probabilité et Statistique

⊗ LINGE1113	<a href="#">Probability</a>	Johan Segers	FR [q2] [30h+15h] [4 Credits] 🌐
⊗ LINGE1214	<a href="#">Further Statistics</a>	Christian Hafner	FR [q1] [30h+15h] [4 Credits] 🌐
⊗ LINGE1221	<a href="#">Econometrics</a>	Sébastien Van Bellegem	FR [q2] [30h+15h] [5 Credits] 🌐
⊗ LINGE1222	<a href="#">Multivariate Statistical Analysis</a>	Johan Segers	FR [q2] [30h+15h] [4 Credits] 🌐
⊗ LMAT1271	<a href="#">Calculation of probability and statistical analysis</a>	Rainer von Sachs	FR [q2] [30h+30h] [6 Credits] 🌐 > English-friendly
⊗ LPSP1209	<a href="#">Statistics, inference on one or two variables</a>	Eugen Pircalabelu	FR [q1] [22.5h+15h] [4 Credits] 🌐
⊗ LPSP1306	<a href="#">Statistics: descriptive analysis and GLM multivariate data modeling</a>	Aurélié Bertrand Nathalie Lefèvre	FR [q2] [30h+15h] [4 Credits] 🌐
⊗ LMAFY1101	<a href="#">Data exploration and introduction to statistical inference</a>	Anouar El Ghouch	FR [q2] [30h+30h] [5 Credits] 🌐

### ⊗ Cours d'anglais

⊗ LANGL1330





## STAT2M - Information

### Access Requirements

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Bachelier en sciences de l'ingénieur, orientation ingénieur civil Bachelier en sciences économiques et de gestion Bachelier en sciences informatiques Bachelier en sciences informatiques Bachelier en sciences physiques		
Tout bachelier	Supplementary classes: <a href="#">LSTAT2011</a> , <a href="#">LSTAT2012</a> , <a href="#">LSTAT2013</a> or <a href="#">LMAT1271</a>	Access based on application
<b>Bachelors of the Dutch speaking Community of Belgium</b>		
Bachelier en sciences de l'ingénieur, orientation bioingénieur Bachelier en sciences de l'ingénieur, orientation ingénieur civil Bachelier en sciences économiques et de gestion Bachelier en sciences informatiques Bachelier en sciences informatiques Bachelier en sciences physiques		Direct access
Tous les autres bacheliers	Supplementary classes: <a href="#">LSTAT2011</a> , <a href="#">LSTAT2012</a> , <a href="#">LSTAT2013</a> or <a href="#">LMAT1271</a>	Access based on application
<b>Foreign Bachelors</b>		
Tous les bacheliers	Supplementary classes: <a href="#">LSTAT2011</a> , <a href="#">LSTAT2012</a> , <a href="#">LSTAT2013</a> or <a href="#">LMAT1271</a>	Access based on application

## Non university Bachelors

> Find out more about [links](#) to the university

## Holders of a 2nd cycle University degree

Diploma	Special Requirements	Access	Remarks
<b>"Licenciés"</b>			
Ingénieur civil (sauf ingénieur civil architecte) Sciences informatiques Sciences économiques Sciences de gestion Ingénieur de gestion Sciences actuarielles Sciences physiques Sciences mathématiques Bioingénieur		Direct access	Subject to the acceptance of the Jury, a student may be exempted from a maximum of 60 activity credits and possibly complete the master's degree in Statistics in a single year.
Toutes les autres licences		Access based on application	Subject to the acceptance of the Jury, a student may be exempted from a maximum of 60 activity credits and possibly complete the master's degree in Statistics in a single year.
<b>Masters</b>			
Ingénieur civil (sauf ingénieur civil architecte) Sciences informatiques Sciences économiques Sciences de gestion Ingénieur de gestion Sciences actuarielles Sciences physiques Sciences mathématiques Bioingénieur		Direct access	Subject to the acceptance of the Jury, a student may be exempted from a maximum of 60 activity credits and possibly complete the master's degree in Statistics in a single year.
Tous les autres masters		Access based on application	Subject to the acceptance of the Jury, a student may be



## 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".**

Each course in the programme involves an oral or written examination. There may also be a project leading to a report which will form part of the assessment. The work placement (or work involving statistical application) and the dissertation both involve the production of a document to be defended in an oral examination with an examination.

## Contacts

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### 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	<a href="https://uclouvain.be/fr/facultes/sc/lsba">https://uclouvain.be/fr/facultes/sc/lsba</a>

Academic supervisor: [Eugen Pircalabelu](https://uclouvain.be/repertoires/eugen.pircalabelu) (<https://uclouvain.be/repertoires/eugen.pircalabelu>)

#### Jury

- Foreman of the jury: [Christian Hafner](https://uclouvain.be/repertoires/christian.hafner) (<https://uclouvain.be/repertoires/christian.hafner>)
- Secretary of the jury: [Rainer von Sachs](https://uclouvain.be/repertoires/rainer.vonsachs) (<https://uclouvain.be/repertoires/rainer.vonsachs>)
- Study advisor: [Eugen Pircalabelu](https://uclouvain.be/repertoires/eugen.pircalabelu) (<https://uclouvain.be/repertoires/eugen.pircalabelu>)

#### Useful Contact(s)

- Secretary of The Louvain School of Statistics, Biostatistics and Actuarial Sciences: [Sophie Malali](https://uclouvain.be/repertoires/sophie.malali) (<https://uclouvain.be/repertoires/sophie.malali>)

