

**At Louvain-la-Neuve - 60 credits - 1 year - Day schedule - In french**

Dissertation/Graduation Project : **YES** - Internship : **NO**

Activities in English: **YES**

Main study domain : **Sciences politiques et sociales**

Organized by: **Faculté des sciences économiques, sociales, politiques et de communication (ESPO)**

Programme acronym: **lmqs2mc** - Francophone Certification Framework: 7

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## LMQS2MC - Introduction

### Introduction

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## LMQS2MC - Teaching profile

### Learning outcomes

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On successful completion of this programme, each student is able to :

AA1.

- a.
- b.
- c.

AA2.

- a.
- b.
- c.
- d.
- e.

AA3.

- a.
- b.
- c.

AA4.

- a.
- b.

AA5.

- a.
- b.
- c.

AA6.

- a.
- b.

### Programme structure

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[> Cours](#) [ *en-prog-2019-lmqs2mc-lmqs100t.html* ]

## LMQS2MC Detailed programme

### Programme by subject

#### CORE COURSES [60.0]

- Mandatory  
△ Courses not taught during 2019-2020  
⊕ Periodic courses taught during 2019-2020  
⊗ Optional  
⊖ Periodic courses not taught during 2019-2020  
■ Activity with requisites

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

#### ○ Mémoire (15 credits)

|   |         |  |  |            |  |
|---|---------|--|--|------------|--|
| <span style="color: blue;">○</span> LLMQS2006 | Mémoire |  |  | 15 Credits |  |
|---|---------|--|--|------------|--|

#### ○ Collecte des données, échantillonnage, traitement des bases de données (13 credits)

|   |   |  |         |           |    |
|---|---|--|---------|-----------|----|
| <span style="color: blue;">○</span> LDEMO2400 | Méthodologie de collecte de données par enquêtes  | Catherine Gourbin<br>Bruno Schoumaker  | 30h     | 3 Credits | 1q |
| <span style="color: blue;">○</span> LDEMO2401 | Théorie et pratique des sondages  | Jocelyn Nappa<br>Usatu (compensates<br>Bruno Schoumaker)<br>Bruno Schoumaker | 15h     | 3 Credits | 2q |
| <span style="color: blue;">○</span> LDEMO2404 | Database management and processing  | Christine Schnor   | 15h+15h | 5 Credits | 2q |
| <span style="color: blue;">○</span> LSOC2095  | Techniques approfondies d'enquête extensive et de sondage en sociologie : atelier d'exercices |  | 15h     | 2 Credits | 2q |

#### ○ Logiciels de traitement statistique (6 credits)

|   |   |                         |     |           |    |
|---|---|-------------------------|-----|-----------|----|
| <span style="color: blue;">○</span> LDEMO2620 | Description et inférence statistique de base avec R     | Sébastien Van Belleghem | 20h | 3 Credits | 1q |
| <span style="color: blue;">○</span> LDEMO2630 | Description et inférence statistique de base avec Stata | Bruno Schoumaker        | 20h | 3 Credits | 1q |

#### ○ Méthodes d'analyses quantitatives (16 credits)

|   |   |  |         |           |    |
|---|---|--|---------|-----------|----|
| <span style="color: blue;">○</span> LDEMO2403 | Event history analysis in social sciences   | Philippe Bocquier  | 40h     | 5 Credits | 1q |
| <span style="color: blue;">○</span> LPSYS2145 | Data analysis: prediction patterns  | Vincent Yzerbyt  | 45h+15h | 6 Credits | 1q |
| <span style="color: blue;">○</span> LSPED2047 | Méthodes quantitatives en sciences sociales : analyses causales, factorielles et typologies | Bruno Masquelier<br>Iulia Rautu<br>(compensates<br>Bruno Masquelier) | 20h+20h | 5 Credits | 1q |

#### ○ Cours au choix (10 credits)

L'étudiant choisit une orientation:

##### ⊗ Orientation "Statistiques spatiales"

|  |   |                   |         |           |    |
|--|---|-------------------|---------|-----------|----|
| <span style="color: blue;">○</span> LGEO1342 | Geographical Information Systems (GIS)    | Sophie Vanwambeke | 30h+30h | 5 Credits | 1q |
| <span style="color: blue;">○</span> LGEO2211 | Advanced statistical methods in geography | Christian Hafner  | 30h+30h | 5 Credits | 1q |

### ⌘ Orientation "Données d'enquêtes et Big Data"

|             |   |                   |         |           |    |
|-------------|---|-------------------|---------|-----------|----|
| ○ LSTAT2350 | Data Mining   | Tim Verdonck      | 15h+15h | 5 Credits | 2q |
| ○ LDEMO2640 | "Big data" : capture et analyse de données massives | Christine Schnor  | 20h     | 3 Credits | 2q |
| ○ LDEMO2650 | EU surveys and opinion polls                        | Ester Lucia Rizzi | 15h+10h | 3 Credits | 1q |

### ⌘ Orientation "SAS"

|             |   |                       |         |           |    |
|-------------|---|-----------------------|---------|-----------|----|
| ○ LSTAT2360 | Seminar in data management: basic             | Céline Bugli          | 15h+10h | 5 Credits | 1q |
| ○ LSTAT2370 | Data Management II : SAS ADVANCED PROGRAMMING | Christophe Kabacinski | 15h+10h | 6 Credits | 2q |

### ⌘ Orientation "Analyse causale et évaluation des politiques publiques"

|             |   |   |         |           |    |
|-------------|---|---|---------|-----------|----|
| ○ LECON2033 | Applied econometrics: Microeconometrics       | Bertrand Verheyden<br>(compensates<br>Muriel Dejemeppe) | 30h+12h | 5 Credits | 1q |
| ○ LECON2352 | Methods for the evaluation of public policies | William Parienté  | 30h     | 5 Credits | 1q |

## The programme's courses and learning outcomes

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For each UCLouvain training programme, a [reference framework of learning outcomes](#) specifies the competences expected of every graduate on completion of the programme. You can see the contribution of each teaching unit to the programme's reference framework of learning outcomes in the document *"In which teaching units are the competences and learning outcomes in the programme's reference framework developed and mastered by the student?"*

## LMQS2MC - Information

### Admission

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*In the event of the divergence between the different linguistic versions of the present conditions, the French version shall prevail.*

*Decree of 7 November 2013 defining the landscape of higher education and the academic organization of studies.*

*The admission requirements must be met prior to enrolment in the University.*

***In the event of the divergence between the different linguistic versions of the present conditions, the French version shall prevail.***

#### SUMMARY

- [General requirements](#)
- [Specific Admission Requirements](#)

### General requirements

Subject to the general requirements laid down by the academic authorities, admission to the specialized Master's degree programme will be granted to students who fulfil the entry requirements for studies leading to the award of a Master's (second-cycle) degree and who hold a second-cycle diploma, degree, certificate or other qualification issued within or outside the French Community of Belgium, or whose prior learning or experience has been accredited by the Examination Board as being equivalent to at least 300 credits.

## 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".**

## Contacts

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**Attention, you are currently reading an archived page: below contact informations were for program study 2019-2020 only. To get current contact informations please got to [current program study site](#).**

### Curriculum Management

|                                       |   |
|---------------------------------------|---|
| Entity                                |   |
| Structure entity                      | SSH/ESPO/PSAD   |
| Denomination                          | (PSAD) ( <a href="https://uclouvain.be/repertoires/entites/psad">https://uclouvain.be/repertoires/entites/psad</a> )  |
| Faculty                               | Faculty of Economic, Social and Political Sciences and Communication (ESPO) ( <a href="https://uclouvain.be/repertoires/entites/espo">https://uclouvain.be/repertoires/entites/espo</a> )               |
| Sector                                | Human Sciences (SSH) ( <a href="https://uclouvain.be/repertoires/entites/ssh">https://uclouvain.be/repertoires/entites/ssh</a> )  |
| Acronym                               | PSAD  |
| Postal address                        | Place Montesquieu 1 - bte L2.08.05<br>1348 Louvain-la-Neuve<br>Tel: +32 (0) 10 47 41 09 - Fax: +32 (0) 10 47 27 36<br><a href="http://www.uclouvain.be/psad.html">http://www.uclouvain.be/psad.html</a> |
| Web site                              |   |
| Academic supervisor: Bruno Masquelier |   |
| Jury                                  |   |
|                                       | <ul style="list-style-type: none"><li>• Ester Lucia Rizzi</li><li>• Catherine Gourbin</li></ul>   |

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