



## rethinking healthcare

# Master of science (MSc) in nursing sciences

## GENERAL OUTLINE

The University of Lausanne (UNIL) and the University of Applied Sciences Western Switzerland (HES-SO) are offering a joint Master of Science (MSc) in Nursing Sciences.

### Objectives

Placed under the aegis of the University Institute of Training and Research in Patient Care (IUFERS), this programme is intended to train you as specialist nursing clinical practitioners (ICLS), to optimise patient and family-centred care, embed results in clinical practice and develop clinical leadership in nursing. You will be preferred partners for interdisciplinary work in patient care and health promotion.

### Career prospects

Studies in a Higher Education Institution develop, in addition to specific academic skills, a great many transverse skills such as: scientific oral and written communication, critical, analytical and summarising faculties, project management, change management, etc.

This panoply of skills, combined with specialist knowledge acquired in the course of studies, is excellent preparation for a wide range of sectors. As new health professionals, you will be able to play a leading role in health-care organisations, ensuring the ongoing renewal of nursing practices. You will contribute to organisational changes and any necessary developments in the health system.

- Public or private health institutions (hospitals, medical care establishments, home care, etc.)
- Organisations within the health system
- Teaching of Nursing Sciences/Nursing Care
- Academic research

## GENERAL INFORMATION

### Organiser

University Institute of Training and Research in Patient Care-IUFERS

### Degree awarded

Master of Science (MSc) in Nursing Sciences

### ECTS credits

90

### Duration

3 semesters full-time  
6 semesters part-time

### Teaching language

French and English. Recommended levels: C1 in French, B2 in English.  
Further information:  
[www.unil.ch/sciences-infirmieres](http://www.unil.ch/sciences-infirmieres) > Ecole > Master ICLS (MScSI)

### Contact

Institut universitaire de formation et de recherche en soins – IUFERS  
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CH – 1010 Lausanne  
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### More information

[www.unil.ch/sciences-infirmieres](http://www.unil.ch/sciences-infirmieres) > Vous êtes > Futur·es étudiant·es

## EDUCATIONAL CONTENT

### Description

The MScSI teaches skills grouped in the following four areas: direct clinical practice and consultation; clinical project management; team guidance and coaching; and research.

The subjects comprising the Master's programme are grouped into teaching modules. The teaching may take the form of courses, seminars or practical work.

The eleven modules are made up of compulsory subjects corresponding to a total of 46 ECTS credits. Three modules worth 14 ECTS credits comprise clinical or research options. Lastly, one module (over 3 semesters) requires the completion of a Master's thesis worth 30 ECTS credits.

### Course sharing

Some programme courses are shared with students on the Master of Science in Health Sciences, which includes orientations in Midwifery, Physiotherapy, Occupational Therapy, Dietetics and Medical Radiology Techniques, with the aim of encouraging collaboration between professions.

## SYLLABUS\*

### 1<sup>st</sup> semester

« Fundamentals of Nursing and Advanced Nursing Practice » Module

- Leadership
- Fundamentals of Advanced Nursing Practice

**6 ECTS credits**

« Advanced Research 1 » Module

- Epistemology of Nursing Sciences and Research
- Quantitative Research Proposal and Results
- Qualitative Research Proposal and Results

**9 ECTS credits**

« Specialisation 1 » Module

Depending on research option or clinical option:

- Analysis of Applied Qualitative Research Data 1
- Analysis of Applied Quantitative Research Data 1
- or
- Science of Implantation 1

**5 ECTS credits**

« Master's Dissertation 1 » Module

- Draft Dissertation Workshop
- Master's Dissertation 1

**10 ECTS credits**

### 2<sup>nd</sup> semester

« Professional Practice Environment »

Module

- Ethics of Care
- Health Law
- Health System Policy and Economics

**6 ECTS credits**

« Evidence-based Clinical Leadership »

Module

- Quality of Care and Patient Safety
- Patient and Family-centred Care (partnership)
- EBP and Practice Analysis Strategies
- Clinical Examinations in Advanced Nursing Practice

**14 ECTS credits**

« Master's Dissertation 2 » Module

- Master's Dissertation 2
- Scientific Writing

Depending on research option or clinical option:

- Analysis of Applied Qualitative Research Data 2
- Analysis of Applied Quantitative Research Data 2
- Implantation Science 2

**10 ECTS credits**

### 3<sup>rd</sup> semester

« Professional Practice Environment »

Module

- E-Health and Nursing Informatics
- Interdisciplinarity

**6 ECTS credits**

« Development of Professional Practice »

Module

- Complex Care Interventions
- ICLS Placement

**9 ECTS credits**

« Specialisation 3 » Module

Depending on research option or clinical option:

- Research Management
- or
- Science of Implantation 3
- Clinical Reasoning in Advanced Nursing Practice

**5 ECTS credits**

« Master's Dissertation 3 » Module

- Master's Dissertation 3
- Optional courses (5 ECTS)

**10 ECTS credits**

\* This programme is for MScSI students who are studying full time. The breakdown of classes for part-time students can be found in the document "Study plan 2023" (available at: [unil.ch/sciences-infirmieres](http://unil.ch/sciences-infirmieres)).

## PRACTICAL INFORMATION

### Admission requirements

[www.unil.ch/sciences-infirmieres](http://www.unil.ch/sciences-infirmieres) > Ecole > Master ICLS (MScSI)

### Head of studies

Pr Cédric Mabire  
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### Enrolment and final date

[www.unil.ch/sciences-infirmieres](http://www.unil.ch/sciences-infirmieres) > Ecole > Master ICLS (MScSI)

### Start of courses

Mid-September  
Academic calendar:  
[www.unil.ch/central/calendrier](http://www.unil.ch/central/calendrier)

### Part-time Master's degree

Under certain conditions, a Master programme can be followed part-time.  
[www.unil.ch/formations/master-temps-partiel](http://www.unil.ch/formations/master-temps-partiel)

### Information on studies at UNIL and HES-SO, guidance

[www.unil.ch/soc](http://www.unil.ch/soc)

### Career prospects

[unil.ch/perspectives/unil-et-apres](http://unil.ch/perspectives/unil-et-apres)  
[www.hes-so.ch](http://www.hes-so.ch)

### Accommodation and financial assistance

[www.unil.ch/sasme](http://www.unil.ch/sasme)  
[www.hes-so.ch](http://www.hes-so.ch)

### International students

[www.unil.ch/international](http://www.unil.ch/international)



**Hes·so**

Haute Ecole Spécialisée  
de Suisse occidentale

Fachhochschule Westschweiz  
University of Applied Sciences  
Western Switzerland

*Unil*

UNIL | Université de Lausanne

Faculté de biologie  
et de médecine