



working together
for better care

Master of science (MSc) in health 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 Health Sciences including five orientations: occupational therapy, physiotherapy, nutrition and dietetics, midwifery and medical radiology techniques. It is aimed at students who hold a Bachelor's in one of these disciplines.

Objectives

This innovative, advanced, interprofessional course is the only one of its kind in Switzerland and allows students to develop and enhance both specific knowledge in their own discipline and a broader understanding of the issues across the five professions.

It emphasises skills development in critical thinking, research methods and professional leadership, to support the use of relevant, evidence-based data in professional practice. It places particular importance on interprofessional cooperation.

Career prospects

By the end of the course, you will be equipped to take on significant responsibilities within the health system, by promoting and supervising high-quality, efficient and coordinated interventions.

The MSc in Health Sciences provides access to careers in a very diverse range of activities, including:

- Promotion and implementation of scientifically based practices
- Development, coordination and evaluation of projects and services
- Professional and interprofessional teaching
- Health care research, quality and safety
- Communicating and disseminating information to various target audiences
- Team leadership from the perspective of interprofessional cooperation
- Representing and defending the interests of users of the health system.

GENERAL INFORMATION

Organiser

Faculty of Biology and Medicine
University of Applied Sciences Western
Switzerland (HES-SO)

Degree awarded

Master of Science (MSc) in Health Sciences,
orientation Occupational Therapy; Nutrition
and Dietetics; Physiotherapy; Midwifery; or
Medical Radiology Techniques

ECTS credits

90

Duration

3 semesters full-time
(5 to 6 semesters part-time)

Teaching language

French. Courses may be taught in English.
Recommended levels: C1 in French, B2 in
English.

Contact

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HES-SO Master
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More information

www.hes-so.ch/mscsc

EDUCATIONAL CONTENT

Description

The MSc in Health Sciences is a modular programme including:

- modules common to all five orientations, some of which are shared with the Master of Science (Msc) in Nursing Sciences
- an integrated module, focused on transferring and sharing knowledge between research and practice
- modules specific to the orientation chosen
- a Master's project, which starts at the beginning of the course and consists of carrying out a piece of research related to the orientation chosen or to interprofessionality. It includes a written dissertation and a viva.

SYLLABUS

Core curriculum (30 ECTS)

- Methodology I
- Collaboration between Professions
- Methodology II
- Economics, Politics and the Health System
- Health: an individual and social issue

Integrative module 5 ECTS)

- Integrative Module: Evidence-Based Practice/Knowledge Transfer & Exchange

Occupational Therapy orientation (25 ECTS)

- Theories of Occupation
- Occupational Therapy Models, Processes and Professional Arguments
- Specific interventions in Advanced Occupational Therapy Practice
- Professional Leadership and Communications

Nutrition and Dietetics orientation (25 ECTS)

- Human Nutrition and Metabolism
- Food System Management
- Advanced Practices and Leadership in Nutrition and Dietetics 1
- Advanced Practices and Leadership in Nutrition and Dietetics 2
- Nutritional Epidemiology and Research in Nutrition

Physiotherapy orientation (25 ECTS)

- Critical Thinking in Physiotherapy
- Physical Activity with Specific Populations
- Interventions in Advanced Physiotherapy Practice
- Health Engineering, Project Management and Collaborative Leadership

Midwifery orientation (25 ECTS)

- Constructing and Connecting Knowledge in Midwifery Science and Practices
- Professional Models in Midwifery Science through the Care Continuum
- Education for Health in the Perinatal period: a social issue

Medical Radiology Techniques orientation (25 ECTS)

- Medical Imaging and Quality Assurance: Design, development and implementation
- Technology, Risk and Professional activity: advice, innovation and leadership
- Scientific Foundations of Medical Radiology

Master's Thesis (30 ECTS)

GENERAL INFORMATION

Admission requirements

www.hes-so.ch/mscsa

Head of studies

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Enrolment and final date

www.hes-so.ch/mscsa

Start of courses

Mid-September
Academic calendar:
www.unil.ch/central/calendar
<https://www.hes-so.ch/fr/calendrier-academie-140.html>

Master Student Guide HES-SO

<https://www.hes-so.ch/master/hes-so-master/etudier>

Information on studies at UNIL and HES-SO, guidance

www.unil.ch/soc

Career prospects

www.unil.ch/perspectives
www.hes-so.ch



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