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master of science (MSc) in human taphonomy

GENERAL OUTLINE

Objectives

The Master of Science in Human Taphonomy is intended for students who are interested in the mechanisms and challenges related to the decomposing human body and the associated biological, ethical and environmental issues, including public health risks.

The Master programme provides in-depth knowledge of the relation between human beings and their dead, as well as the post-mortem management of human remains across space and time. It also provides advanced teaching on the interactions between the human cadaver and its environment in forensic, humanitarian and societal contexts.

Career prospects

This Master will help you develop many transversal skills: oral and written communication, critical, analytical and synthetic thinking, competences to carry out research, management of bibliographical resources and familiarisation with scientific literature, etc.

This panoply of skills, combined with specialist knowledge acquired during this Master, is excellent preparation for a wide range of professional sectors, including:

- Academic research
- Hospitals and forensic environments
- Police and security forces
- Environmental industry
- Biomedical and biotechnology sectors
- Medical laboratories
- Museums and cultural sectors
- International (non) governmental organisations

Other examples of opportunities and alumni's profiles:
www.unil.ch/perspectives/unil-et-apres

Investigating the «after death»

GENERAL INFORMATION

Organiser

School of Biology
Faculty of Biology and Medicine:
www.unil.ch/ecoledobiologie

Degree awarded

Master of Science (MSc)
in Human Taphonomy

ECTS credits

120

Duration

4 semesters

Teaching language

English. Mandatory level: C1.

Contact

School of Biology
Quartier UNIL-Sorge
Amphipôle
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biologie-etudiants@unil.ch

Additional information

www.unil.ch/eb-ht

EDUCATIONAL CONTENT

Description

The first semester of studies consists of compulsory courses covering both conceptual and methodological aspects linked to human anatomy and the management of dead bodies. The acquired knowledge and skills will be put to use in three small projects done in pairs.

The second semester consists of compulsory courses, field courses, demonstrations and visits devoted to the immediate surroundings of the decomposing human body. The acquired knowledge and skills will be applied in the context of two small projects done in pairs.

The third semester consists of compulsory courses, on-site demonstrations, medical operations and visits dedicated to the forensic management of dead bodies. Communication workshops and seminars will teach participants how to present human taphonomy. The acquired knowledge and skills will be used in the design of a specialised website focusing on a forensic discipline.

The fourth semester is dedicated to the completion of the personal Master research project.

Mobility

The personal Master research project can be conducted in a partner institution recognised by UNIL.

SYLLABUS

1st semester - 30 ECTS

Compulsory courses

- Human Anatomy and Ethics
- Medical Devices and Epidemiology
- Thanatopraxy, Thanatology and Taphonomy
- Humanitarian Funerary Management
- Scientific and Expertise Writing

2nd semester - 30 ECTS

Compulsory courses

- Environmental Microbiology, Soil Biology, Botany
- Cultural and Societal Management
- Remote Sensing, Geology, Archaeology
- Forensic Macro- and Microbiology
- Field course on real exhumations

3rd semester - 30 ECTS

Compulsory courses

- Communication and Media Training
- Psychological Risk Management
- Cadaver Sciences: Legal Medicine, Forensic Toxicology and Imaging, Forensic Anthropology and Odontology, Forensic Human Genetics

4th semester - 30 ECTS

Personal Master research project

PRACTICAL INFORMATION

Admission requirements

Candidates must be holders of a Bachelor of Science in Biology, Medicine, Forensic Science or in a field considered to be equivalent awarded by a Swiss university. A degree awarded by a foreign university may be judged equivalent and give access to the Master's degree programme, with or without further conditions.

Candidates must also have certified experiences in taphonomy.

For the full list of requirements:
www.unil.ch/eb-ht > how to apply

Administrative information

Ms Almudena Vazquez
biologie-etudiants@unil.ch

Director of the programme

Dr Vincent Varlet
Vincent.Varlet@unil.ch

Enrolment

Applications must be submitted to the Admissions Service before 30th April:
www.unil.ch/immat

Candidates requiring a visa to study in Switzerland: 28th February.

Start of courses

Mid-September. Academic calendar:
www.unil.ch/central/calendar

Full-time Master's degree

This programme can only be followed full-time.

General information on studies, guidance

www.unil.ch/soc

Accommodation and financial assistance

www.unil.ch/sasme

International

www.unil.ch/international



Unil

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Faculté de biologie
et de médecine