



overcoming the security and legal challenges of the information society

Master of Law in legal issues, crime and security of information technologies

GENERAL OUTLINE

Objectives

The Master of Law in Legal Issues, Crime and Security of Information Technologies is the fruit of collaboration between the Faculty of Law and Criminal Justice, the Faculty of Business and Economics (HEC Lausanne) and the School of Criminal Justice of the University of Lausanne. Flexible in terms of its architecture, this multidisciplinary course carries on from basic studies in law, economics and forensic science (crime detection techniques). Its aim is to allow students to acquire the necessary skills to understand problems posed by information technologies generally, be it in a legal sense or in relation to information technology or crime detection techniques.

Career prospects

With digitalisation extending to all sectors of our environment (public administration, insurance, audiovisual media, banks, publishing, lawyers' offices), Switzerland once again leads in information technologies. Many jobs are now created by information technologies in the public administration and in the operational activities of multinationals, or in the creation of start-ups.

The multidisciplinary programme attempts to meet these new requirements by adapting each year to the most recent developments. At the crossroads of several areas of competency, knowledge acquired by students must allow them to rise to the legal and security challenges of the information society.

GENERAL INFORMATION

Organisers

Faculty of Law and Criminal Justice, School of Criminal Justice & Faculty of Business and Economics (HEC Lausanne)
www.unil.ch/dcs

Degree awarded

Master of Law (MLaw) in Legal Issues, Crime and Security of Information Technologies
The Master's degree may be accompanied by a subject area according to previous studies (law, economics and forensic science).

ECTS credits

90

Duration

3 to 6 semesters

Teaching language

French

Enrolment

Applications must be submitted to the Admissions Department before the deadline:
www.unil.ch/immat

Contact

Secretariat for the programme:
Tel. +41 (0)21 692 27 60
wwwwdcs@unil.ch



EDUCATIONAL CONTENT

Description

The objective of the courses and the seminars in the various disciplines is to offer:

- a good understanding of the issues of a legal, criminal, economic, managerial and technological nature related to the use of information technologies
- solutions for achieving control over these technologies.

The teaching approach encourages the development of interdisciplinary research capable of responding to the new challenges of the information society.

The maximum duration of the programme is six semesters. The students are first brought up to the required level in relation to their initial orientations through preparatory courses.

The programme is accompanied by work on a Master's dissertation incorporating the knowledge acquired.

Students have the possibility of studying a subject area in:

- Business Law, Employment Law and Social Security, Public Law, International and Comparative Law, Private and Tax Law of Estates, Litigation Law or Legal Theory (for students with a Bachelor of Law degree)
- Intelligence and Forensic Science (for students holding a Bachelor of Science in Forensic Science)
- Information Management and Security (for students holding a Bachelor of Economics degree).

Although this programme does not require any particular prior knowledge, a propensity for information technologies is necessary to ensure the maximum involvement of the students in the degree course.

Examinations

The examination series are held at the end of each semester.

Skills development

University studies develop, in addition to specific academic skills, a great many transverse skills such as: oral and written communication, critical, analytical and summarising faculties, abilities in research, the learning and transmission of knowledge, independence and the ability to make judgments in the field of specialisation and overlapping areas.

This panoply of skills, combined with specialist knowledge acquired in the course of studies, is excellent preparation for a wide range of employment opportunities such as those mentioned in the «Career prospects» section.

SYLLABUS

Compulsory courses

Preparatory courses

- Information Technologies
- Law
- Forensic Science

Law courses

- Telecommunications Law
- Criminal Law in relation to Information Technology
- Freedom of Information and Internet Governance
- Intellectual Property and the Internet
- Electronic Commerce
- Data Protection

Criminalistics courses

- Analysis of Criminality and Information Technologies
- Criminalistics in relation to Information Technology
- Cryptology and Identity in the Information Society

Courses on Security and Information Technologies

- Cybercriminality
- Security Strategy and Policy
- Information Security
- Cybersecurity
- Information Systems
- Information Technologies

43 ECTS credits

Options courses

To be chosen from a list of courses offered by the Faculty of Law and Criminal Justice, the Faculty of Business and Economics and the Scientific Police Institute. This list includes all of the courses of the Master of Law and the Master of Science in Information Systems (HEC) and some of the courses offered by the School of Criminal Justice.

32 ECTS credits

Personal research work

- A written dissertation to be defended in open session.

15 ECTS credits

PRACTICAL INFORMATION

Admission requirements

The candidate must be the holder of a Bachelor of Law, a Bachelor of Science in Economics, a Bachelor of Science in Forensic Science awarded by the University of Lausanne or another university degree or academic title judged to be equivalent

Regulations and additional information concerning the course

Web site of the programme:
www.unil.ch/dcs

Final enrolment date

30 April

Candidates needing a visa to study in Switzerland must apply for enrolment at least two months prior to the deadline indicated above.

Start of courses

mid-September

Part-time Master's degree

See Directive 3.12:

www.unil.ch/interne/page44629.html#3

Academic calendar

www.unil.ch/central/page4804.html

General information on studies, career prospects and guidance

Guidance and advisory service:
www.unil.ch/soc

Accommodation and financial assistance

Office for socio-cultural affairs:
www.unil.ch/sasc

International students

www.unil.ch/international

Study abroad possibilities

www.unil.ch/echanges

