



overcoming the security and legal challenges of the information society

Master of Law (MLaw) 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 results of a collaboration between the Law School and the School of Criminal Justice of the Faculty of Law, Criminal Justice and Public Administration, and the Faculty of Business and Economics (HEC 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 you 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

At a time when digitisation is taking over every sector, the range of skills acquired through the Master of Law in Legal Issues, Crime and Security of Information Technologies is an asset in the job market and responds to a clearly identified need among private companies and administrative bodies.

Alumni are frequently offered jobs in a wide variety of new sectors, for example in forensic science services in Switzerland and abroad, the legal departments of businesses specialising in new technologies, administrative bodies at cantonal and Federal level, the courts, academic research, communications (journalism and public relations), culture or diplomacy. In addition, the Master of Law in Legal Issues, Crime and Security of Information Technologies provides access to a range of postgraduate courses, including for training as a barrister or notary in certain cases.

Alumni move into a wide variety of roles, for example as an analyst at Kudelski Security.

Testimonial and other information:
www.unil.ch/perspectives/esc

GENERAL INFORMATION

Organisers

Faculty of Law, Criminal Justice, and Public Administration (School of Law and 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 (Juridical Sciences, Intelligence and Forensic Science, Economic Intelligence).

ECTS credits

90

Duration

3 to 5 semesters

Teaching language

French. Recommended level: C1.

Contact

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

More information

www.unil.ch/dcs



EDUCATIONAL CONTENT

Description

The objective of the courses and 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 five semesters. It starts with introductory courses, of which the content varies depending on your academic background.

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

According to your study plan, you can specialise in an orientation and graduate with a particular subject area:

- Juridical Sciences (for students with a Bachelor of Law degree)
- Intelligence and Forensic Science (for students holding a Bachelor of Science in Forensic Science)
- Economic Intelligence (for students holding a Bachelor of Science in 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.

SYLLABUS

Module 0

Introductory courses

- Introduction to Law
- Introduction to Forensic Science
- Introduction to Data Processing

Module 1

Compulsory courses

- Analysis of Criminality and Information and Communication Technologies (ICT)
- Economic Crime (block course)
- Cryptology and Identity in the Information Society
- Cybercrime and Cyberpower
- E-Business Law
- Telecommunications Law
- IT Criminal Law

- Criminal Investigation in the IT Environment, Case Presentation
- Freedom of Information and Internet Governance
- Object Oriented Programming
- Intellectual Property and the Internet
- Data Protection
- Digital Traces and Investigations

43 ECTS credits

Module 2

Compulsory courses for subject areas

- Operational Criminal Analysis
- Appraisal of Handwriting and Signatures
- Information Security & Privacy
- Appraisals, Mandates and Reports
- Neuro-Economics: Decision-Making
- Cybersecurity and Security Audit

Optional courses (according to the chosen subject area)

- Economic Analysis
- Legal Aspects of Corporate Financing
- Biometrics
- Brand Management
- Business Processes and Information Systems
- Crime Scene Coordination
- Economic Crime
- Organized Criminality (block course)
- Information Security & Privacy
- Cyberspace and Internet
- Cybersecurity and Security Auditing
- Data Mining
- Data Warehousing
- Dating and Chronology
- Economic Growth
- Innovation Law
- Interpretation of the Scientific Clue and Decision-Making
- Introduction to Interpretation of the Scientific Clue
- Introduction to Logic
- Appraisals, Mandates and Reports
- Neuro-Economics: Decision-Making
- Micro-Economics and Game Theory
- Policing
- Crime Prevention
- Object Oriented Programming
- Risk Management
- Judicial Errors
- Information Systems
- Essentials and Tools for the Future Entrepreneur
- Judicial Cooperation, Contributors

32 ECTS credits

Module 1

- Interdisciplinary Master's thesis

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

Enrolment and final dates

The candidate's application must be submitted to the UNIL Admissions Department before 30th April: www.unil.ch/immat

Candidates needing a study visa: 28th February.

Start of courses

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

Part-time Master's degree

Under certain conditions, a Master programme can be followed part-time. www.unil.ch/formations/tempspartiel.

General information on studies, guidance

www.unil.ch/soc

Career prospects

www.unil.ch/perspectives

Accommodation and financial assistance

www.unil.ch/sasme

International

www.unil.ch/international



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