

bachelor of science in Forensic science

OBJECTIVES

Studies in forensic sciences provide a complex and interdisciplinary scientific training which includes, in addition to the specific subject matter, experimental science subjects, such as physics, biology and, above all, chemistry, as well as an important component of disciplines in the area of humanities (criminal law, criminology), medicine (legal medicine) and electronic engineering (imaging). The proportion of laboratory work is very high in relation to courses and seminars.

POSSIBLE STUDY OPTIONS AT THE UNIL AFTER THE BACHELOR'S DEGREE (WITHOUT ANY FURTHER STUDY)

- > Master of Science in Forensic Science subject area Chemical Criminalistics
- > Master of Science in Forensic Science subject area Identification
- > Master of Law in Criminal Justice, subject area Criminology and Security
- > Master of Law in Criminal Justice, subject area Magistrature
- > Master of Law in Legal Issues, Crime and Security of Information Technologies

ORGANISER

Faculty of Law and Criminal Justice
School of Criminal Justice
www.unil.ch/esc

DEGREE AWARDED

Bachelor of Science (BSc) in Forensic Science

ECTS CREDITS

180

DURATION

6 semesters

TEACHING LANGUAGE

French

ADMISSIONS

www.unil.ch/immat
Deadline: 30 April
Candidates needing a visa to study in Switzerland must apply for enrolment at least two months prior to this deadline.

START OF COURSES

Mid-September

ADDITIONAL INFORMATION ON THE DEGREE COURSE AND REGULATIONS

www.unil.ch/esc

CONTACT

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EDUCATIONAL CONTENT

Description

The objective of the first year of study is to teach the theoretical basics of chemistry, basic sciences and criminal sciences. A good knowledge of each of these subjects is essential for later studies.

In the second year, the syllabus requires the consolidation of basic scientific subjects and is extended to the field of law. The subjects taught at ESC (imaging, forensic sciences and investigation methods) provide the technical knowledge and encourage habits of meticulousness that are professionally indispensable, as well as offering the students guidance in data analysis and management.

Starting from the third year, the teaching in forensic sciences becomes specialised: the interpretation of and the approach to criminal analysis form the basis of new transversal subjects, while specific disciplines are studied in greater depth in the modules of the Forensic Sciences II course. The syllabus also requires personal work on a set theme.

SECOND BACHELOR EXAMINATION					
6 th semester	Specialised Subjects Forensic Science, Crime Scene Investigations, Interpretation, Criminal Analysis, Legal Medicine, Criminology, Personal Work 75%			Chemistry Practical Work, Methods 15%	Law Criminal Procedure 10%
5 th semester					
FIRST BACHELOR EXAMINATION					
4 th semester	Basic Sciences Probability and Statistics, Molecular Biology 15%	Specialised Subjects Identification of objects, Forensic Microscopy, Forensic Imaging, Identification of People 43%	Chemistry Practical Work, Structural Analysis 15%	Law Introduction to Law, Criminal Law 27%	
3 rd semester					
FIRST YEAR EXAMINATION					
2 nd semester	Basic Sciences Mathematics, Information Technology, Physics, Cellular Biology 43%		Specialised Subjects Criminology, Forensic Science 20%	Chemistry Atoms, Ions, Molecules and Functions, Practical Work in Chemistry, Analyses, Biological Chemistry, Fundamentals of Chemistry 37%	
1 st semester					

INFORMATION

Examinations

In principle, examinations are held at the end of every year, with the exception of the third year of the Bachelor's degree course, when examinations may be taken directly at the end of a module.

Mobility

The School has concluded a number of mobility agreements. However, mobility is possible only at Master level. Information on mobility: www.unil.ch/ri

Academic calendar

www.unil.ch/central/page4804.html

Timetables

www.unil.ch/esc

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

International relations office: www.unil.ch/ri