Bachelor of science in FOCENSIC SCIENCE

OBJECTIVES

The study of forensic science provides a complex and interdisciplinary scientific training which includes, in addition to the specific subject matter, experimental scientific 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), medical disciplines (forensic 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 ADDITIONAL 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

REGISTRATION

www.unil.ch/immat Deadline: 30 April For candidates requiring a visa to study in Switzerland: 28 February.

START OF COURSES Mid-September

REGULATIONS AND FURTHER INFORMATION ABOUT THE DEGREE COURSE www.unil.ch/esc

CONTACT

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www.unil.ch/bachelors



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CONTENT

Description

The aim in the first year of study is to lay down theoretical foundations in chemistry, basic science and criminal justice. Familiarity with each of these subjects is essential for the remainder of the course.

In the second year the programme consolidates knowledge acquired in basic scientific subjects, and extends to aspects of law. Subjects taught at the School of Criminal Justice (imaging, forensic science and methods of investigation) hone technical skills and the meticulous approach indispensable within the profession, as well as analytical and data handling skills.

From the third year, the teaching of forensic science becomes more specialised: the interpretation and approach of criminal analysis are new cross-disciplinary subjects, while particular disciplines are explored in greater depth in modules of the Forensic Science II course. The study plan also requires personal work on a compulsory subject.

SECOND	BACHELOR EXAMI	NATION				-	
6 th semester 5 th semester	Specialist courses Forensic Science: selected chapters (documents, firearms, microtraces, fire, narcotics, genetics), Scene of Crime Investigations, Interpretation, Criminal Analysis, Forensic Medicine, Criminology, Digital Traces, Personal work 70%					Chemistry Practical Work, Methods, Molecular Biology 20%	Law Criminal Procedure 10%
FIRST B	ACHELOR EXAMIN	ATION					
4 th semester 3 rd semester	Basic Science Probabilities and Statistics 10%	Specialist courses Forensic Science, Forensic Imaging, Identification of Persons, Microscopy 48%		Chemistry Practical Work, Structural Analysis 15%		Law Introduction to Law, Criminal Law 27%	
FIRST Y	EAR EXAMINATIO	Ν					
2 nd semester 1 st	Basic Science Mathematics, IT, Physics 43%		Specialist cour Criminology Forensic Scien 20%	, Molecules ar ce Bio		Chemistry Atoms, lons, nd Functions, Practical Work in Chemistry, Jogical Chemistry, mentals of Chemistry	
semester				37%			

Percentages express the workload represented by each subject as a proportion of the workload required to successfully complete an academic year.

INFORMATION

Examinations

Examinations are held in principle at the end of each semester, with the exception of the third year when they may take place directly after the completion of a module.

Mobility

The School has a number of mobility agreements in place. However these are reserved for Master's students. Information concerning mobility: www.unil.ch/echanges

Academic calendar

www.unil.ch/central/page4804.html

Course 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

www.unil.ch/international

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