



UNIL | Université de Lausanne

COURSES TAUGHT IN ENGLISH OPEN TO EXCHANGE STUDENTS

academic year 2022-2023

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*Version 22.8.2022
(subject to changes)*

FACULTY OF BUSINESS AND ECONOMICS

UNDERGRADUATE COURSES

A more detailed description of the course is available on www.unil.ch/programmes

bachelor of science in economics, bachelor of science in management

key

H/W

C

Hours per week

ECTS Credits

Course	Faculty staff	Semester	H/W	C
B-to-B Marketing	Christen Markus	Autumn	4	6
Consolidated Financial Statements and External Control	Bytyqi B, Dousse Vincent	Autumn	4	4,5
Critical Thinking	Vacat	Autumn	2	3
Digital Business Processes and Enterprise Systems	Legner Christine	Autumn	4	6
Economics of Health and Healthcare	Maurer Jürgen	Autumn	4	6
Essentials and toolbox for future innovators	De Wolff Jean	Autumn	2	3
Information Systems	Mueller Benjamin, Pillet Jean-Charles	Autumn	4	6
Microeconomics II	Klaus Bettina	Autumn	4	6
Organizational soft-skills: From presentation techniques to group management	Marewski Julian	Autumn	2	3
Personal Development	Bekbergenova Anely	Autumn	2	3
Quantitative Macroeconomics	Siena Daniel	Autumn	2	3
Strategic Foresight	Rizzo Gabriele	Autumn	2	3
Microeconomics Analysis	Montez Joao, Bruhin Adrian	Spring	4	6
Consumer Behaviour	Petersen Francine	Spring	4	6
Corporate Sustainability : The Environmental Perspective	Ionescu Aileen	Spring	2	3
Creative Accounting and Financial Scandals	Rudolf Nicolas	Spring	0	3
Entrepreneurial finance and the new venture funding process	Petty Jeffrey	Spring	4	6
Financial Markets	Celentano Francesco	Spring	4	6
How Technology Shapes The Workplace of the Future (venue: EPFL)	Lalive Rafael	Spring	2	3
Integrated Marketing Communication	Schlager Tobias	Spring	2	3
International Money and Finance	Bacchetta Philippe, Davenport Margaret	Spring	4	6
International Trade and European Integration	Milet Emmanuel, Brühlhart Marius	Spring	4	6
Introduction to Bargaining and Negotiations	Efferson Charles	Spring	2	3
Introduction to Business Ethics	Jasinenko Anna	Spring	2	3

key

H/W Hours per week

C ECTS Credits

Course	Faculty staff	Semester	H/W	C
Introduction to Financial Statement Analysis and Reporting	Markarian Garen	Spring	2	3
Introduction to Negotiations	Efferson Charles	Spring	2	3
Judgment and Decision Making	Hoffrage Ulrich	Spring	2	3
Management for the challenges of the socioecological crisis	Vogt Sonja	Spring	0	3
Managing the Digital Economy	Peukert Christian	Spring	2	3
Market Design and the Economics of Asymmetric Information	Hakimov Rustamdjan, Santos Pinto Luis	Spring	4	6
Marketing Research	Czellar Sandor	Spring	4	6
Monetary Theory and Policy	Benigno G.	Spring	4	6
Practical Operations Management	Hameri Ari-Pekka	Spring	4	6
Psychological Foundations of Economics	Laferrière Vincent	Spring	4	6
Risk Savvy	Ulrich Hoffrage	Spring	2	3
Service Operations Management	Horatiu Tudori	Spring	2	3

GRADUATE COURSES

In order to attend master's degree courses, exchange students must have completed a bachelor's degree or a minimum of 3 years specialised study. Also some courses may require specific prerequisites and the approval of the master programme's director.

A more detailed description of the courses is available on www.unil.ch/programmes

master of science in economics

Course	Faculty staff	Semester	H/W	C
Applied Mathematics	Strimbu Octavian Petru	Autumn	1	1,5
Behavioral Economics	Santos Pinto Luis Pedro	Autumn	4	6
Development Economics	Nigmatulina Dzhamilya	Autumn	4	6
Dynamic Macroeconomic Models	Eyquem Aurélien	Autumn	4	6
Econometrics	Huber Martin	Autumn	5	7,5
Economic Analysis and Communication	Montez Joao	Autumn	4	6
Economic forecasting for decision making	Grobéty Mathieu	Autumn	4	6
Economic Policy Seminar	Benghalem Hélène, Maurer Jürgen	Autumn	4	6
Genes, Population and Evolution	Lehmann Laurent	Autumn	4	6
Health Economics	Dusheiko Mark	Autumn	4	6
Human Behavior and Evolutionary Inference	Efferson Charles	Autumn	4	6
International Trade	Brülhart Marius	Autumn	4	6
Labor Economics and Policy	Lalive Rafael	Autumn	2	3
Leadership Development	Bendahan Samuel	Autumn	2	3

[4] COURSES TAUGHT IN ENGLISH 2022-2023

FACULTY OF BUSINESS AND ECONOMICS

Course	Faculty staff	Semester	H/W	C
Macroeconomic Policy	Benhima Kenza	Autumn	4	6
Macroeconomics	St-Amour Pascal	Autumn	5	7,5
Macroeconomics of Financial Crises	Benigno Gianluca	Autumn	4	6
Mathematics for Economic Policy	Strimbu Octavian Petru	Autumn	1	1,5
Mathematics for Economics and Finance	Mihet Roxana, Schuerhoff Norman	Autumn	4	6
Microeconomics	Klaus Bettina	Autumn	5	7,5
Organizational Theory and Decision Making	Zehnder Christian	Autumn	4	6
Regulatory Economics	Thoeni Christian	Autumn	2	3
Advanced Programming	Scheidegger Simon	Spring	4	6
Advanced Topics in Industrial Organization (ATIO)	Strimbu Octavian, Bach Christian	Spring	4	6
Behavior, Economics, and Evolution Lecture Series	Lehmann Laurent, Santos Pinto Luis	Spring	4	6
Business Cycles	Siena Daniele	Spring	4	6
Economic Growth	Rotesi Tiziano	Spring	4	6
Environmental Economics	Di Falco Salvatore	Spring	2	3
Experimental Methods	Hakimov Rustamdjan	Spring	4	6
Financial Institutions & Regulation	Bruhin Adrian	Spring	4	6
Game Theory	Gizatulina Alia, Santos Pinto Luis Pedro	Spring	4	6
International Macroeconomics	Bacchetta Philippe	Spring	4	6
Macroeconometrics	Renne Jean-Paul	Spring	4	6
Microeconometrics	Renne Jean-Paul	Spring	2	3
Political and Institutional Economics	Rohner Dominic	Spring	4	6
Public Economics	Fourati Maleke	Spring	4	6

master of science in finance

Course	Faculty staff	Semester	H/W	C
Alternative Investments	Cho Thomas Kyung-Ha	Autumn	4	6
Blockchain and Crypto Economy	Zaremba Robert	Autumn	2	3
CFA General Research Challenge	Schuerhoff Norman	Autumn	4	6
Corporate Finance	Dimopoulos Theodosios	Autumn	4	6
Data Science for Finance	Zhao Ziwei	Autumn	4	6
Entrepreneurship & Strategy	Tsukanova Tatyana	Autumn	4	6
Finance Ethics	Fiole Eelco	Autumn	2	3
Financial Accounting	Markarian Garian	Autumn	4	6
International Finance	Zhao Ziwei	Autumn	4	6
Investments	Goyal Amit	Autumn	5	6

FACULTY OF BUSINESS AND ECONOMICS

Course	Faculty staff	Semester	H/W	C
Managing Risk in Financial Institutions	Weigert Florian	Autumn	2	3
Market Microstructure	Mihet Roxana	Autumn	2	3
Mathematics for Economics and Finance	Mihet Roxana, Schuerhoff Norman	Autumn	4	6
Mergers & Acquisitions, and Corporate Restructurings	Grognuz Cédric	Autumn	4	6
Optimization Methods in Management Science	Oeuvray Rodrigue	Autumn	4	6
Private Equity & Venture Capital	Dimopoulos Theodosios	Autumn	4	6
Quantitative Asset and Risk Management II	Alessandrini Fabio	Autumn	4	6
Topics in Finance	Balocchi Giuseppe	Autumn	2	3
Unethical Decision Making - Basics	Légeret Matthieu	Autumn	2	3
Advanced Data Analysis	Scheidegger Simon	Spring	4	6
Advanced Programming	Scheidegger Simon	Spring	4	6
Asset Pricing	Bretscher Lorenzo	Spring	4	6
Derivatives	Bretscher Lorenzo	Spring	5	6
Empirical Methods in Finance	Jondeau Eric	Spring	4	6
Financial Analysis	Froidevaux Julien	Spring	4	6
Fixed Income and Credit Risk	Rockinger Michael	Spring	4	6
Quantitative Asset and Risk Management	Jondeau Eric	Spring	4	6
Real Estate Investments	Celentano Francesco	Spring	2	3
Valuation	Valta Philip	Spring	4	6

master of science in management

Course	Faculty staff	Semester	H/W	C
Behavioral Economics	Santos Pinto Luis Pedro	Autumn	4	6
Business and Human Rights	Jasinenko Anna	Autumn	2	3
Business and Society - Corporate Sustainability	Strebel Heidi	Autumn	4	6
Competitive Strategy	Amer Maistriaux Estefania	Autumn	4	6
Data Science for Marketing	Schlager Tobias	Autumn	4	6
Data Science in Business Analytics	Tsukanova Tatyana	Autumn	4	6
Digital strategies and Innovation	Cloux Pierre-Yves	Autumn	4	6
Digitalisation of Purchasing and B to B Sales	Lacoste Sylvie	Autumn	2	3
Entrepreneurship & Strategy	Tsukanova Tatyana	Autumn	4	6
Entrepreneurship, Innovation and Control Systems	Davila Antonio	Autumn	2	3
Fraud and Business Process Analytics	Baumgartner Marcel	Autumn	2	3
Genes, Population and Evolution	Lehmann Laurent	Autumn	4	6
Global Marketing	Eckardt Thilo	Autumn	2	3

FACULTY OF BUSINESS AND ECONOMICS

Course	Faculty staff	Semester	H/W	C
Human Behavior and Evolutionary Inference	Efferson Charles	Autumn	4	6
Individual Behavior in the Digital Environment	Schlager Tobias	Autumn	4	6
Innovation in Marketing	Weihrauch Andrea	Autumn	2	3
Integrated Marketing Communications	Hervet Guillaume	Autumn	4	6
Introduction to Strategy Consulting	Poylo Marine	Autumn	2	3
Leadership Development	Bendahan Samuel	Autumn	2	3
Luxury Marketing	Morhart Felicitas	Autumn	4	6
Managerial Decision Making	Armaos Konstantinos	Autumn	4	6
Marketing Science	Christen Markus	Autumn	4	6
Optimization Methods in Management Science	Oeuvray Rodrigue	Autumn	4	6
Organizational Theory and Decision Making	Zehnder Christian	Autumn	4	6
Production Control	Gallay Olivier	Autumn	2	3
Programming Tools in Data Science	Orso Samuel	Autumn	4	6
Project in Data Analytics	Boldi Marc-Olivier	Autumn	4	6
Quantitative Methods for Management	Reboulleau Jérôme	Autumn	4	6
Risk Analytics	Chavez Valérie	Autumn	2	3
Simple Rules for Leadership and Strategy: a Practical Approach	Marewski Julian	Autumn	4	6
Strategic Management Control system	Derchi Giovanni Battista	Autumn	4	6
Strategic Marketing	Engeler isabelle	Autumn	4	6
Strategy and Development Modes	Castaner Xavier	Autumn	4	6
Strategy in Digital Markets	Peukert Christian	Autumn	4	6
Supply Chain Management and its Latest Trends	Hameri Ari-Pekka	Autumn	4	6
Text Mining	Boldi Marc-Olivier, Baumgartner Marcel	Autumn	4	6
Unethical Decision Making - Basics	Légeret Matthieu	Autumn	2	3
Advanced Data Analysis	Scheidegger Simon	Spring	4	6
Advanced Programming	Scheidegger Simon	Spring	4	6
Advanced Project Management & Outsourcing in a Digital Era	Bienz Pius	Spring	4	6
Analytics in Operations Management	Lurkin Virginie	Spring	2	3
Bargaining and Negotiations	Efferson Charles	Spring	4	6
Behavior, Economics, and Evolution Lecture Series	Lehmann Laurent, Santos Pinto Luis	Spring	4	6
Brand Management	Dabrowska-Leszczynka Agnieszka	Spring	2	3
Competitive Advantage & Strategic Interactions	Conti Annamaria	Spring	4	6
Consumer Psychology	Petersen Francine	Spring	4	6
Customer Relationship Management	Christen Markus	Spring	4	6
Distribution Management	Eckardt Thilo	Spring	4	6

FACULTY OF BUSINESS AND ECONOMICS

Course	Faculty staff	Semester	H/W	C
Environmental Crisis and Societal Changes	Palazzo Guido, Vedjovsky Boris	Spring	2	3
Environmental Economics	Di Falco Salvatore	Spring	2	3
Evidence-Based Management	Dietz Jörg	Spring	4	6
Forecasting 1	Baumgartner Marcel	Spring	2	3
Forecasting 2	Chavez Valérie	Spring	2	3
Grand Challenges Strategies Project	Haak Patrick	Spring	4	6
Group Processes	Krings Franciska	Spring	4	6
Heuristic Decision Making Strategies	Neth H.	Spring	4	6
Innovation Law	Junod Valérie	Spring	2	3
Machine Learning in Business Analytics	Boldi Marc-Olivier	Spring	4	6
Managing People : Organizational Design, Change, and Performance	Dietz Jörg	Spring	4	6
New Trends in Business Innovation	Leclerc Fabrice	Spring	2	3
Power and Leadership	Tur Benjamin	Spring	4	6
Quantitative Supply Chain Management	Stauffer G.	Spring	4	6
Social Well Being	Petersen Francine	Spring	4	6
Strategy of Innovation	Conti Annamaria	Spring	4	6
Sustainable Innovation Challenge	Petty Jeffrey	Spring	2	3
Sustainable Logistics	Gallay Olivier	Spring	4	6
The Management of Grand Challenges	Vogt Sonja	Spring	4	6
The Management of Risk, Reputation and Legitimacy	Haack Patrick	Spring	4	6

master of science in actuarial science

Course	Faculty staff	Semester	H/W	C
Actuarial Modelling	Hashorva Enkelejd	Autumn	4	6
Asset and Liability Management for Actuaries	Wagner Joel	Autumn	4	6
Blockchain and Crypto Economy	Zaremba Robert	Autumn	2	3
Computational Tools for Actuaries	Zucchinetti Giovanni	Autumn	4	6
Credibility Theory	Smith Nathaniel	Autumn	4	3
Financial Accounting	Markarian Garian	Autumn	4	6
Insurance Analytics	Hieber Peter	Autumn	2	3
Insurance Economics	Wagner Joël	Autumn	2	3
Investments	Goyal Amit	Autumn	5	6
Life Contingencies II	Hieber Peter	Autumn	4	6
Life Insurance Actuarial Controlling	Darbellay Christine	Autumn	2	3
Mathematics of Compound Interest	Arnold Séverine	Autumn	2	3

FACULTY OF BUSINESS AND ECONOMICS

Course	Faculty staff	Semester	H/W	C
Principles of Finance	Goyal Amit	Autumn	4	6
Probability and Stochastic Processes	Albrecher Hansjoerg	Autumn	4	6
Quantitative Methods for Actuaries	Loisel Stéphane	Autumn	5	6
Advanced Programming	Scheidegger Simon	Spring	4	6
Life Contingencies I	Dufresne François	Spring	4	6
Loss Models	Hashorva Enkelejd	Spring	4	6
Ratemaking and Claims Reserving	Hieber Peter	Spring	2	3
Risk Theory	Albrecher Hansjoerg	Spring	4	6
Simulation Methods in Finance and Insurance	Tamraz Maissa	Spring	2	3
Social Insurance	Arnold Séverine	Spring	2	3
Time Series	Hashorva Enkelejd	Spring	2	3

Master of Law in Law and Economics

Course	Faculty staff	Semester	H/W	C
Advanced Group Accounting	André Paul	Autumn	2	3
Business and Society - Corporate Sustainability	Strebel Heidi	Autumn	4	6
Econometrics	Huber Martin	Autumn	5	7,5
Empirical Methods for Lawyers	Thoeni Christian	Autumn	4	6
Entrepreneurship, Innovation and Control Systems	Davila Antonio	Autumn	2	3
Finance Ethics	Fiole Eelco	Autumn	2	3
Individual Behavior in the Digital Environment	Schlager Tobias	Autumn	4	6
International Tax Policy	Danon Robert	Autumn	2	3
Leadership Development	Bendahan Samuel	Autumn	2	3
Managerial Decision Making	Armaos Konstantinos	Autumn	4	6
Microeconomics & Game Theory	Thoeni Christian	Autumn	4	6
Regulatory Economics	Thoeni Christian	Autumn	2	3
Simple Rules for Leadership and Strategy: a Practical Approach	Marewski Julian	Autumn	4	6
Strategic Control	Derchi Giovanni Battista	Autumn	4	6
Topics in Finance	Balocchi Giuseppe	Autumn	2	3
Unethical Decision Making - Basics	Légeret Matthieu	Autumn	2	3
Advanced Financial Analysis	André Paul	Spring	2	3
Advanced Project Management & Outsourcing in a Digital Era	Bienz Pius	Spring	4	6
Digitalisation and Taxation	Chand Vikram	Spring	2	3
Environmental Crisis and Societal Changes	Palazzo Guido, Vedjovsky Boris	Spring	2	3
Financial Institutions & Regulation	Bruhin Adrian	Spring	4	6

Course	Faculty staff	Semester	H/W	C
Innovation Law	Junod Valérie	Spring	2	3
International and European Tax Law	Chand Vikram	Spring	4	6
New Trends in Business Innovation	Leclerc Fabrice	Spring	2	3
Political and Institutional Economics	Rohner Dominic	Spring	4	6
Power and Leadership	Tur Benjamin	Spring	4	6
Strategy of Innovation	Conti Annamaria	Spring	4	6
Sustainable Innovation Challenge	Petty Jeffrey	Spring	2	3
The Management of Risk, Reputation and Legitimacy	Haack Patrick	Spring	4	6

master of science in information systems

Course	Faculty staff	Semester	H/W	C
Data Mining and Machine Learning	Vlachos Michalis	Autumn	4	6
Digital strategies and Innovation	Cloux Pierre-Yves	Autumn	4	6
Enterprise Data and Integration	Estier Thibault	Autumn	4	6
Ethical Business Modeling and Innovation Design	Avdiji Hazbi, Elikan Dina, Wicht Pascal	Autumn	4	6
Information Security & Privacy	Huguenin Kévin	Autumn	4	6
Software Architectures	Garbinato Benoît	Autumn	4	6
Strategy in Digital Markets	Peukert Christian	Autumn	4	6
Advanced Project Management & Outsourcing in a Digital Era	Bienz Pius	Spring	4	6
Business and IS Architecture Design	Legner Christine	Spring	4	6
Cloud and Advanced Analytics	Vlachos	Spring	4	6
Interaction Design	Cherubini Mauro	Spring	4	6
Research Introduction Seminar : Computer Science research Methodology	Garbinato Benoît, Huguenin Kevin	Spring	2	3
Séminaire d'introduction à la recherche : Computer Science research methodology	Garbinato Benoît, Huguenin Kévin	Spring	2	3
Sustainable Innovation Challenge	Petty Jeffrey	Spring	2	3
Technical and Economical aspects of Cybersecurity	Humbert Mathias	Spring	4	6

SCHOOL OF BIOLOGY

UNDERGRADUATE COURSES

A more detailed description of the course is available on www.unil.ch/programmes

bachelor of science in biology

key
C

ECTS Credits

Course	Faculty Staff	Semester	C
BSc 3rd year			
From Mutation to Gene Function	Farmer E.	Autumn	2
Principles of Molecular Biophysics	Fasshauer D.	Autumn	2
Molecular Evolution	Robinson-Rechavi M.	Autumn	2
Population Biology and Conservation	Wedekind C.	Autumn	2,5
Optional courses BSc 2nd and 3rd year			
Chemosensory Perception : from Genes to Behaviour	Benton R.	Autumn	1
Plant Evolutionary Ecology	Sanders I.	Autumn	1
Sleep and Circadian Rhythms : from Molecules to Performance	Franken P.	Autumn	1
Case Studies in Conservation Biology	Wedekind C.	Spring	1
Design and Build a Synthetic Biological System I (iGEM Project)	Schaerli Y.	Spring	2
Introduction to the Analysis of Plant Lipids	Nawrath C.	Spring	1
Molecular Machines	Fasshauer D.	Spring	1
Advanced Molecular, Cellular and Developmental Biology			
Body Patterning	Benton R.	Spring	9
Cell Cycle, DNA Replication and Recombination	Gruber S., Pelet S.	Spring	
Circadian Clocks	Fankhauser C., Franken P.	Spring	
Introduction to Reading and Presentation of Scientific Literature	Thome M.	Spring	
Molecular Basis of Cancer	Thome M., Julliard-Favre M.	Spring	
Post-transcriptional Gene Regulation and Recombination	Roignant J.-Y.	Spring	
Proteasome Degradation	Staub O., Fankhauser C.	Spring	
Understanding & Interpretation of Scientific Literature	All teachers involved in the module	Spring	

Course	Faculty Staff	Semester	C
Genetics and Genome Evolution			
Bacterial Genomes and Evolution	Greub G.	Spring	9
Bioinformatics for Genomics	Bergmann S.	Spring	
Cancer Genetics	Ciriello G.	Spring	
Epigenetics	Gambetta M.C.	Spring	
Epistasis, Oligogenicity, Pleiotropy and beyond	van Leeuwen J.	Spring	
Evolution of Chromosomes	Arguello R.	Spring	
Genome Wide Association Studies	Kutalik Z.	Spring	
Introduction to Quantitative Genetics	Salamin N.	Spring	
Structural Genomics and Mutation	Reymond A.	Spring	
The Dynamic Cell			
Bacterial Cell Cycle Regulation	Collier J.	Spring	9
Cell Cycle Control of Genome Duplication and Segregation	Gruber S., Pelet S.	Spring	
Cell Division : When, Where, How?	Vjestica A.	Spring	
Cell Division in Bacteria	Jacquier N.	Spring	
Cellular Senescence and Aging	Ocampo Méndez A.	Spring	
Chloroplast Origin, Division and Dynamics	Fankhauser C.	Spring	
Cilia: Cellular Antennae - Structure, Function, Evolution & Disease	Benton R.	Spring	
Critical Reading of the Scientific Literature	Vjestica A., Gruber S., Geldner N., Benton R., Fasshauer D., Jacquier N.	Spring	
Dynamics and Organisation of the Plasma Membrane	Geldner N.	Spring	
Evolution of the Eukaryotic Cell	Fasshauer D.	Spring	
Homeostasis of Proteins and Lipids in Intracellular Compartments	Mayer A.	Spring	
Scientific writing	Gruber S.	Spring	
Biotic Interactions			
Bacteria-Hosts	Vonaesch P., Keel C.	Spring	9
Bee Microbiome	Engel P.	Spring	
Endosymbionts and Bacterial Parasites	Greub G.	Spring	
Fungi-Hosts	Coste A., Sanders I.	Spring	
Journal Club	Gouttenoire J., Reymond P., Tacchini-Cottier F., Ciuffi A., Greub G., Keel C., Fumeaux C.	Spring	
Parasites	Tacchini-Cottier F.	Spring	
Plants-Insects	Reymond P.	Spring	
Practical Work : Introduction to Research	Gouttenoire J.	Spring	
Viruses-Hosts	Gouttenoire J., Ciuffi A.	Spring	

GRADUATE COURSES

A more detailed description of the courses is available on www.unil.ch/programmes

master of science in behaviour, evolution and conservation

key

C

ECTS Credits

Course	Faculty staff	Semester	C
Advanced Data Analysis	Ciriello G., Delaneau O.	Autumn	2,5
Animal Communication and Parasitism	Christe P., Roulin A.	Autumn	1,5
Data Analysis	Bergmann S.	Autumn	2
Introduction into Scientific Writing	Waterhouse R.	Autumn	2
Introduction to Primate Behaviour, Cognition and Culture	van de Waal E.	Autumn	1,5
Molecular Methods in Ecology and Evolution	Sanders I., Fumagalli L., Salamin N.	Autumn	5
Phylogeography	Fumagalli L.	Autumn	1,5
Population Genetics and Dynamics	Goudet J.	Autumn	1,5
Spatial Analysis and GIS in Ecology	Guisan A.	Autumn	1,5
Applied Ecology	Pellet J.	Spring	3
Biological Invasions	Bertelsmeier C.	Spring	1,5
Co-evolution, Mutualism, Parasitism	Sanders I.	Spring	1,5
Comparative Genomics : from Thousands of Genomes to Single Cells	Arguello R.	Spring	1,5
Current Problems in Conservation Biology	Wedekind C.	Spring	3
Ecology of the Fishes of Switzerland	Rubin J.-F.	Spring	1,5
Honeybee Ecology, Evolution and Conservation	Dietemann V.	Spring	1,5
Integrated course Mountain Ecosystems - Ecology & Evolution	Guisan A.	Spring	1,5
Integrated course Mountain Ecosystems - Geo-Environmental Sciences	Guisan A.	Spring	1,5
Phylogeny and Comparative Methods	Salamin N.	Spring	3
Scientific Mediation and Communication - Museum Module	Glaizot O.	Spring	3
Sex, ageing and Foraging Theory	Mullon C.	Spring	1,5
Social Genetics	Keller L., Kay T.	Spring	1,5
Spatial Modelling of Species and Biodiversity	Guisan A.	Spring	3
The Evolution of Cooperation : from Genes to Learning and Culture	Lehmann L.	Spring	3

master of science in molecular life sciences

Course	Faculty staff	Semester	C
Advanced Microbial Genetics	Collier J., Pelet S.	Autumn	1,5
Advanced Python Programming	Salamin N., Delaneau O.	Autumn	2
Bacterial Genomes and Genome Evolution	van der Meer J.	Autumn	1,5
Biotechnology	Poirier Y., Resch G.	Autumn	1,5
CRISPR-Cas9 Genome Editing	van Leeuwen J.	Autumn	1,5
Development of the Nervous System	Braissant O.	Autumn	1,5
Fungal Virulence and Pathogenicity	Coste A., Lamoth F., Hauser P.	Autumn	1,5
Immunology and Infectious Diseases	Roger T., Perreau M., Di Domizio J.	Autumn	1,5
Molecular Mechanisms of Evolution	Benton R., Geldner N.	Autumn	1,5
Plant Functional Genetics	Poirier Y.	Autumn	1,5
Plant Interactions with Microbes and Insects	Keel C., Reymond P.	Autumn	1,5
Proteins : from Structural Determination to Molecular Dynamic Simulations	Santiago Cuellar J., Zoete V., Roehrig U., Cuendet M.	Autumn	1,5
Sequence a Genome I	Engel P, tutors	Autumn	3
Theory and Practice in Gene Expression Analyses	Gfeller D., Delaneau O.	Autumn	2,5
Virus-Host Interactions	Gouttenoire J.	Autumn	1,5
Write a Review	Benton R., tutors	Autumn	4
Advanced Population Genetics	Malaspinas A.-S.	Spring	3
Anti-Infective Agents	Lamoth F., Hauser P., Croxatto A., Ciuffi A.	Spring	1,5
Bacterial Virulence and Pathogenesis	Greub G., Hauser P., Jacquier N.	Spring	1,5
Bioinformatic Algorithms	Dessimoz C., Gfeller D.	Spring	3
Chromosome Organization and Dynamics	Gruber S.	Spring	1,5
Epidemiology of Human Pathogens	Blanc D., Manuel O., Sanglard D., Senn L., Opota O.	Spring	1,5
Epigenetics and Cell Differentiation	Gasser S.	Spring	1,5
Epitranscriptomics and RNA Dynamics	Roignant J.-Y.	Spring	1,5
Genomics, Proteomics and Quantitative Genetics	Franken P., Tafti M., Quadroni M., Marquis J., Gambetta M.C.	Spring	3
Herbivory : Why is the Earth Green ?	Farmer E.	Spring	3
Industrial Bioinformatics	Xenarios I.	Spring	1,5
Metabolic Signaling Pathways in Health and Disease	Fajas L., Ziegler D., Geller S.	Spring	1,5
Microbes as Tools in Experimental Biology	Coste A., Ciuffi A.	Spring	1,5
Microbiome Analysis	van der Meer J.	Spring	1,5
Microbiomes	van der Meer J.	Spring	1,5

[14] COURSES TAUGHT IN ENGLISH 2022-2023

SCHOOL OF BIOLOGY

Course	Faculty staff	Semester	C
Plant and Animal Domestication : from History to Molecular Mechanisms	Soyk S.	Spring	3
Sequence a Genome II	Engel P, tutors	Spring	3
Viral Pathogenesis and Emerging Viruses	Ciuffi A., Gouttenoire J., Cagno V.	Spring	1,5
Write a Fellowship	Benton R., tutors	Spring	3

FACULTY OF GEOSCIENCES AND ENVIRONMENT

GRADUATE COURSES

Some courses may require specific prerequisites and the approval of the master programme's director.
A more detailed description of the course is available on www.unil.ch/programmes

master of science in environmental science

key

C ECTS Credits
* Participation subject to certain conditions. Contact: elste@unil.ch

Course	Faculty staff	Semester	C
Advanced quantitative risk and vulnerability	Michel Jaboyedoff	Autumn	3
Alpine periglacial environments	Christophe Lambiel	Autumn	3
Applications of environmental science seminar series	Nathalie Chèvre (coord.), Marc-Henri Derron, Niklas Linde, Jürg Hünziker	Autumn	1
Communication on environmental risks	Michel Jaboyedoff, Sabina Rondic, Karen Sudmeier-Rieux	Autumn	3
Dates and rates of Mountain evolution	Georgina King	Autumn	3
Environmental time-series analysis	James Irving	Autumn	5
Environmental toxicology	Nathalie Chèvre	Autumn	2
Fluid flow and transport in the subsurface	Pietro De Anna	Autumn	6
Introduction to environmental systems analysis	Tom Beucler	Autumn	2
Machine learning for Earth and environmental Sciences	Tom Beucler	Autumn	5
Monitoring techniques for slope dynamics	Marc-Henri Derron	Autumn	5
Mountain streams; sediment management	Stuart Lane	Autumn	3
Remote sensing of Earth Systems	Stuart Lane, Grégoire Mariéthoz	Autumn	5
Scientific computing	Yury Podladchikov	Autumn	5
Tracing biogeochemical processes and fluxes using isotope analysis	Torsten Vennemann	Autumn	2
Aquatic ecosystems: glaciers, rivers, and lakes	Stuart Lane, Marie-Elodie Perga	Spring	5
Erosion and slope movements	Michel Jaboyedoff	Spring	5
Field and laboratory methods (I): The UNIL campus as a microcosm	Nathalie Chèvre (resp.) Jasmine Berg, Torsten Vennemann	Spring	6
Field and laboratory methods (II): Alpine catchments	Marie-Elodie Perga, Stuart Lane	Spring	6
Flood risk modeling	François Mettra	Spring	5
GIS-based analysis for mountain geomorphology	Christophe Lambiel	Spring	3

FACULTY OF GEOSCIENCES AND ENVIRONMENT

Course	Faculty staff	Semester	C
Hazards and risks of slope mass movements: field camp	Marc-Henri Derron, Michel Jaboyedoff	Spring	5
Model parameter estimation and uncertainty quantification	Niklas Linde, Jürg Hunziker	Spring	5
Mountain ecosystems; ecology and evolution	Antoine Guisan	Spring	5
Mountain streams; ecological processes and management	Stuart Lane	Spring	3
Risk management (monitoring, early warning, post-disaster preparedness)	Michel Jaboyedoff	Spring	2
Risk quantification and insurance	Laurent Marescot	Spring	2
Statistical analysis in environmental sciences	Pascal Vittoz, Pietro de Anna	Spring	3
Watershed and river network modelling	Nadav Peleg, Virginia Ruiz-Villanueva	Spring	5
Weather and climate dynamics	Daniela Domeisen	Spring	5

Master of science in earth sciences

Course	Faculty staff	Semester	C
Chemical analyses and imaging technique for major and trace element	M. Robyr, F. Bégué	Autumn	3
Data science	T. Sheldrake, J. Irving	Autumn	4
Economics and management	A. Moscariello	Autumn	2
Exploration methods	B. Quintal	Autumn	2
Fluids in the crust	M. Lupi	Autumn	4
From outcrop to 3d model	M.-H. Derron	Autumn	3
Geophysics across scales	G. Hetényi	Autumn	4
Life evolving with Earth	A. Daley, R. Martini	Autumn	4
Physical volcanology and volcanic risk	C. Bonadonna	Autumn	4
Physical-chemical mechanisms of geological processes	S. Schmalholz, L. Baumgartner	Autumn	4
Simulating geological processes on computers and in the laboratory	Y. Podladchikov	Autumn	3
Surface processes and depositional environments from source to sink	S. Castelltort, E. Samankassou	Autumn	4
Applied mineralogy	K. Kouzmanov	Spring	2
Climate and paleoclimate: from deep time to Anthropocene	S. Jaccard	Spring	4
Data science	T. Sheldrake, J. Irving	Spring	4
Erosion and slope movement	M. Jaboyedoff	Spring	5
Field camp in Earth resources*	Z. Zajacz, A. Moscariello, M. Lupi	Spring	3
Fluid and melt inclusions	Z. Zajacz	Spring	3
Geo-energy exploration	L. Guglielmetti	Spring	3
Geochemical cycles and rates of geological processes	M. Chiaradia	Spring	4
Great challenges in Earth and environmental sciences	J. Marin Carbonne, L. Caricchi	Spring	7

Course	Faculty staff	Semester	C
Integrated geo-energy	A. Moscariello	Spring	3
Mineral, rocks and Magma	L. Caricchi, O. Müntener	Spring	4
Mountains belt in the field*	O. Müntener, J.-L. Epard	Spring	4
Ore deposit models	K. Kouzmanov, Z. Zajacz	Spring	4
Petrophysics and reservoirs	B. Quintal, A. Moscariello	Spring	3
Physical volcanology and volcanic risk	C. Bonadonna	Spring	4
Risk and decision making	C. Gregg, S. Menoni	Spring	4
Sedimentology analytics – Collecting, interpreting and presenting data	T. Adatte, R. Martini	Spring	4
Sedimentology, climate, paleontology et geomorphology Field camp*	A. Daley, S. Castelltort	Spring	4
Seismic risk	B. Duvernay, D. Fäh	Spring	3
Volcanic risk Field trip*	C. Bonadonna	Spring	4

* Prerequisites are mandatory for field trips. Please contact the ELSTE coordinator for more information (fabienne.dietrich@unil.ch).

master of science in geography

Course	Faculty staff	Semester	C
Building cities (only with compulsory course « Thinking cities »)	Martin Müller	Autumn	1
Environmental and social safeguards project assessments	Gretchen Walters	Autumn	2
Thinking cities	Martin Müller, René Véron	Autumn	2
Analysis, visualisation and simulation of geographical networks	Céline Rozenblat	Spring	6
Environmental management and livelihoods	Christian Kull	Spring	5
Planning cities in uncertain times	Martin Müller	Spring	3

master of science in biogeosciences

Course	Faculty staff	Semester	C
Environmental Biochemistry	NN	Autumn	3
Statistical analyses in the environmental sciences	NN	Spring	3

master of arts in foundations and practices of sustainability

Course	Faculty staff	Semester	C
Ideas and politics of nature	Miriam Tola	Spring	3

FACULTY OF ARTS

UNDERGRADUATE COURSES

A more detailed description of the course is available on www.unil.ch/programmes

bachelor of arts, english department

key

H/W

C

Hours per week

ECTS Credits

Course	Faculty staff	Semester	H/W	C
Anglo-American Literary Survey 1&2	Kevin Curran, Enit Steiner	Autumn	1	2
Anglo-American Literary Survey III	Rachel Falconer	Autumn	1	2
Contemporary American Literature	Agnieszka Soltysik Monnet	Autumn	2	4
Discovering Medieval Manuscripts	Diana Denissen, Denis Renevey	Autumn	2	4
English Composition	Jennifer Thorburn, Boris Vejdovsky	Autumn	2	4
How feminist or queer the so-called first wave? Virginia Woolf's 'Orlando' - Catherine Colomb's 'Pile ou Face'	Valérie Cossy	Autumn	2	4
Introduction to English language and linguistics (IELL)	Jennifer Thorburn	Autumn	1	1
Introduction to Literary Analysis	Martine Hennard Dutheil, Philip Lindholm, Matthew Scully, Enit Steiner, Kirsten Anne Stirling, Boris Vejdovsky	Autumn	2	6
Linguistics: Englishes around the World	Samuel David Bourgeois	Autumn	2	4
Linguistics: Grammatical Change	Jessica Brown	Autumn	2	4
Linguistics: Variation and Varieties of English	Jennifer Thorburn	Autumn	2	4
Literary analysis: Defoe's Crusoe and Coetzee's Foe	Enit Steiner	Autumn	2	3
Literary analysis: Elizabeth Bishop: Poetics of Place and Nature	Boris Vejdovsky	Autumn	2	3
Literary analysis: Hot Poets: Poetry & Climate Change	Rachel Falconer	Autumn	2	3
Literary analysis: Introduction to Comparative Literature	Martine Hennard Dutheil	Autumn	2	3
Literary analysis: Modernist Poetry	Rachel Falconer	Autumn	2	3
Literary analysis: Radical American Poetry	Benjamin Pickford	Autumn	2	3
Literary analysis: Three Short Novels by Muriel Spark	Kirsten Anne Stirling	Autumn	2	3
Literary analysis: Virginia Woolf's 'To the Lighthouse'	Valérie Cossy	Autumn	2	3
Literature and Revolution	Matthew Scully	Autumn	2	4
Medieval : Bad Romance	Rory Critten	Autumn	2	4
Medieval : Chaucer's Dreams	Lucie Kaempfer	Autumn	2	4

FACULTY OF ARTS

Course	Faculty staff	Semester	H/W	C
Medieval : Emotions and Gender in Chaucer's Troilus and Criseyde	Denis Renevey	Autumn	2	4
Medieval : Job in Medieval English Literature	Denis Renevey	Autumn	2	4
Medieval : Love Longing and the Anchoritic Life	Diana Denissen	Autumn	2	4
Medieval : Magic, Charms, and the Supernatural in Early Medieval England	Dieter Bitterli	Autumn	2	4
Milton's Paradise Lost	Rachel Falconer	Autumn	2	4
Practicing English Proficiency - PEP	Jennifer Thorburn	Autumn	1	
Representing the Orient in Middle English Popular Romance	Lucie Kaempfer	Autumn	2	4
Synchronic Linguistics: English Dialects Past and Present	Anita Auer	Autumn	2	3
Synchronic Linguistics: Introduction to Multilingualism	Anita Auer	Autumn	2	3
Synchronic Linguistics: Introduction to Sociolinguistics	Jennifer Thorburn	Autumn	2	3
The Development of the English Language	Anita Auer	Autumn	1	1
The Shakespeare Workshop	Kevin Curran	Autumn	2	4
Visions and revisions of 'Snow White': from the Grimms to contemporary rewritings and adaptations	Martine Hennard Dutheil	Autumn	2	4
Wuthering Heights and its Reception: text, image, film	Martine Hennard Dutheil	Autumn	2	4
'Make it New': Modernist Experimentation with the Novel via James Joyce and Virginia Woolf	Rachel Falconer	Spring	2	4
African American Literature	Agnieszka Soltysik Monnet	Spring	2	4
Alienation and Freedom	Matthew Scully	Spring	2	4
Anglo-American Literary Survey 1&2	Kevin Curran, Enit Steiner	Spring	1	2
English Composition	Jennifer Thorburn, Boris Vejdovsky	Spring	2	4
Gender in African/Afropean literature: Chimamanda Adichie, Sefi Atta, Léonora Miano	Valérie Cossy	Spring	2	4
Gulliver's Travels: from satire to the nursery	Martine Hennard Dutheil	Spring	2	4
Introduction to English language and linguistics (IELL)	Jennifer Thorburn	Spring	1	1
Introduction to Literary Analysis	Martine Hennard Dutheil, Philip Lindholm, Matthew Scully, Enit Steiner, Kirsten Anne Stirling, Boris Vejdovsky	Spring	2	6
Ishiguro and Memory Fiction	Rachel Falconer	Spring	2	4
Jane Austen & George Eliot	Enit Steiner	Spring	2	4
Lecture. Introduction to Medieval English	Rory Critten	Spring	1	1
Linguistics: (Im)politeness in Discourse	Samuel David Bourgeois	Spring	2	4
Linguistics: Introduction to Old Irish	Marion Patricia Ronan	Spring	2	4
Linguistics: Language and the City	Anita Auer	Spring	2	4
Linguistics: The Sociolinguistics of Cyberspace	Jennifer Thorburn	Spring	2	4

FACULTY OF ARTS

Course	Faculty staff	Semester	H/W	C
Literary analysis: Adam Bede	Rachel Falconer	Spring	2	3
Literary analysis: Deep Time and the Anthropocene in Robert Macfarlane's Underland	Rachel Falconer	Spring	2	3
Literary analysis: Helen Benedict, Sand Queen	Agnieszka Soltysik Monnet	Spring	2	3
Literary analysis: Kirill Malnikov	Martine Hennard Dutheil	Spring	2	3
Literary analysis: Lyrical Ballads	Philip Lindholm	Spring	2	3
Literary analysis: Neil Gaiman's 'Stardust' and its adaptations	Martine Hennard Dutheil	Spring	2	3
Literary analysis: TBD	Valérie Cossy	Spring	2	3
Literary analysis: Yaa Gyasi's Homegoing	Agnieszka Soltysik Monnet	Spring	2	3
Medieval : Sex, Love, and Marriage in the Canterbury Tales	Denis Renevey	Spring	2	4
Medieval : TBD	TBD	Spring	2	4
Medieval : Wonders and Marvels in Sir Gawain and the Green Knight and Pearl	Denis Renevey	Spring	2	4
Piers Plowman	TBD	Spring	2	4
Practicing English Proficiency - PEP	Jennifer Thorburn	Spring	1	
Synchronic Linguistics: Language History and Language Change	Anita Auer	Spring	2	3
Synchronic Linguistics: Second Language Learning and Variation in English	Jessica Brown	Spring	2	3
The Robin Hood Legend	Denis Renevey	Spring	2	4
The Senses of Vladimir Nabokov's Fiction	Boris Vejdovsky	Spring	2	4
The Translation-Rewriting Dynamic: Baudelaire, Nabokov, Carter	Martine Hennard Dutheil	Spring	2	5
Workshop. Introduction to Medieval English	Rory Critten, Diana Denissen	Spring	2	3
Writing about women in the eighteenth century: Wollstonecraft, Edgeworth, Rousseau	Valérie Cossy	Spring	2	4

key

H/W

Hours per week

C

ECTS Credits

GRADUATE COURSES

Graduate courses are open only to students with a background in the subject!

A more detailed description of the course is available on www.unil.ch/programmes

master of arts, english department

Course	Faculty staff	Semester	H/W	C
Critical Approaches	Boris Vejdovsky	Autumn	2	5
Eco-Fictions	Agnieszka Soltysik Monnet	Autumn	2	5
Introduction to New American Studies	Boris Vejdovsky	Autumn	2	5
Language and Migration	Anita Auer	Autumn	2	5

FACULTY OF ARTS

Course	Faculty staff	Semester	H/W	C
Language in Television and Film	Jennifer Thorburn	Autumn	2	5
New American Studies : final symposium	Agnieszka Soltysik Monnet	Autumn		2
Participating in a scientific symposium (New American Studies)	Agnieszka Soltysik Monnet	Autumn		3
Postcolonial Relations	Enit Steiner	Autumn	2	5
Psycholinguistics	Jessica Brown	Autumn	2	5
Shakespeare and Selfhood	Kevin Curran	Autumn	2	5
Short stories as a genre for modern women (Katherine Mansfield, Alice Rivaz, Virginia Woolf)	Valérie Cossy	Autumn	2	3
The Good of Poetry : Seamus Heaney's Poetry and Poetics	Rachel Falconer	Autumn	2	5
The Secret Life of Medieval Birds	Denis Renevey	Autumn	2	5
The Seven Sages of Rome in England and the World	Rory Critten	Autumn	2	5
Translating Children's Literature - Kinderliteratur Übersetzen - Traduire la littérature jeunesse	Martine Hennard Dutheil, Irene Weber Henking	Autumn	2	3
Translating-Rewriting the Middle Ages Today from Tolkien to Simon Armitage	Martine Hennard Dutheil, Jessica Stephens	Autumn	2	3
EcoPoetry : Crisis and Collaboration	Rachel Falconer	Spring	2	5
English in Switzerland	Jennifer Thorburn	Spring	2	5
Environmental Crisis and Societal Change	Guido Palazzo, Boris Vejtdovsky	Spring	2	5
How To Be A Human in Late-Medieval England	Rory Critten	Spring	2	5
Introduction to New American Studies	Agnieszka Soltysik Monnet	Spring	2	5
Inventing female characters in the aftermath of the French Revolution: Charrière, Stendhal, Thackeray	Valérie Cossy	Spring	2	3
James Joyce's Ulysses	Sangam MacDuff	Spring	2	5
Linguistics: Introduction to Old Irish	Marion Patricia Ronan	Spring	2	5
New American Studies : final symposium	Agnieszka Soltysik Monnet	Spring		2
Participating in a scientific symposium (New American Studies)	Agnieszka Soltysik Monnet	Spring		3
Philip Pullman, 'His Dark Materials' and its intertexts	Kirsten Anne Stirling	Spring	2	5
Research Methodologies	Jennifer Thorburn	Spring	2	5
The Politics of Language	Anita Auer	Spring	2	5
The Translation-Rewriting Dynamic: Baudelaire, Nabokov, Carter	Martine Hennard Dutheil	Spring	2	3
Wombs and Tombs : Writing and Rewriting Anchoritic Literature	Diana Denissen	Spring	2	5

FACULTY OF LAW, CRIMINAL JUSTICE AND PUBLIC ADMINISTRATION

GRADUATE COURSES

A more detailed description of the course is available on www.unil.ch/programmes

key

C

ECTS Credits

master of arts in public management and policy

Course	Faculty staff	Semester	C
Accountability in EU multi-level governance	Papadopoulos Ioannis	Fall	3
Artificial intelligence (AI) in the implementation of public policies	Bonoli Giuliano, Körtner John , Mettler Tobias	Fall	3
Behavioural Public Administration and Nudge Theory	Neumann Oliver	Fall	3
Contract Economics and Organization of Public Services	Athias Laure	Fall	3
Digital government transformation	Mettler Tobias	Fall	3
Economics and Management of sport	Terrien Mickaël	Fall	3
Empirical analysis of public policies	Grigoriou Christopher	Fall	3
European governance and europeanization	Mathieu Emmanuelle	Fall	3
Fiscal Federalism and Equalization	Köthenbürger Marko	Fall	3
Fiscal Policy	Soguel Nils	Fall	3
Institutions and governance strategies for dealing with complex problems	Trein Josef Philipp	Fall	3
Introduction to applied econometrics	Grigoriou Christopher	Fall	3
Managing diversity: from migration to integration policy	Fossati Flavia	Fall	3
Managing regulation in modern government	Allio Lorenzo	Fall	3
Public administration and international regulation	Edoardo Guaschino	Fall	6
Use and misuse of expertise in public policy and administration	Trein Josef Philipp	Fall	3
Research Methods	Mettler Tobias, Flavia Fossati	Spring	6

Master of Law

FACULTY OF LAW, CRIMINAL JUSTICE AND
PUBLIC ADMINISTRATION

Course	Faculty staff	Semester	C
Advanced issues in International and European Tax Law	R. Danon	Fall	3
International Commercial Litigation	A. Bonomi, E. Lein	Fall	6
International Tax Policy	R. Danon	Fall	3
Microeconomics & Game Theory	C. Thoeni	Fall	6
Taxation of Multinational Enterprises and Transfer Pricing Policy	V. Chand	Fall	6
Contract Drafting	E. Lein	Spring	3
Digitalization and Taxation	V. Chand	Spring	3
Droit Américain	K. Druckman	Spring	6
International and European Tax Law (Fundamentals)	V. Chand	Spring	6
International Commercial Arbitration	A. Bonomi, E. Lein	Spring	6
International Human Rights Law	E. Schmid	Spring	6