



# Courses taught in English

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Fall semester 2023





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## Excerpt of Courses taught in English at the Faculty of Arts and Social Sciences

### Art History

Study Level	Course Title	Course Number	Course Category	Credit Points (ECTS)
Bachelor/Master	Translation and Intermediality: Dynamics of Exchange and Conflict in the History of Art	06SM640j044a	Exercise	6
Bachelor/Master	Fallen Idols and Risen Saints in the Early Modern Era of Globalization	06SM640j039a	Lecture	3
Master	Reframing Decolonization: Contemporary Art in Ukraine, Eastern Europe, and Latin America	06SM645-504a	Seminar	9

### Asian and Oriental Studies

Study Level	Course Title	Course Number	Course Category	Credit Points (ECTS)
Bachelor	International Politics of the Asia Pacific: China, Taiwan, US, Japan	06SM280j215	Seminar	3
Bachelor	Strange Tales and Media Transformation	06SM280-102	Exercise	3
Bachelor	The China Dream: China goes Global	06SM280-204	Exercise	3
Bachelor	Social Transformation in Modern South Asia	06SM330-251	Seminar	6
Bachelor/Master	Challenging Powers: Dissent in Asia and the Middle East	06SM278j600	Lecture	3
Bachelor/Master	Literary Shanghai	06SM280j119	Lecture	3
Bachelor/Master	Social Transformations in Japan: Why is Japan so Slow to Change Today?	06SM290j121	Exercise	3
Bachelor/Master	Advanced Readings in Arabic Texts	06SM306-007	Exercise	3
Bachelor/Master	The Politics of Class and Markets in India	06SM330j259	Seminar	6



Bachelor/Master	Caste and Religion in India: Classical sources and modern interpretations	06SM330j308	Seminar	6
Master	Colonialism, Nationalism, Globalisation: Asia and the Middle East	06SM278-500	Lecture	6
Master	Language, Literature, Media (Guided Source Reading)	06SM280-500	Exercise	3
Master	Machine/Stories: From Science Fiction to A.I. Literature	06SM280j512	Seminar	6
Master	Zhou Inscriptions and Excavated Texts (Selected Readings)	06SM280-590	Exercise	3
Master	History of Zhou Culture in the Light of Inscriptional Finds	06SM280j602	Seminar	6
Master	Averroes: The Philosopher vs. the State? Aristotle and the Almohads in the Work of Ibn Rushd	06SM306j710	Seminar	6

### Communication and Media Research

Study Level	Course Title	Course Number	Course Category	Credit Points (ECTS)
Bachelor	Gender and the Internet	06SM254j093	Lecture	3
Bachelor	Youth and Digital Technologies	06SM254j092	Lecture	3
Bachelor	Multilingual computational methods for text-based media	06SM254j181	Seminar	6
Bachelor	Media use and its effect on social relationships	06SM254j171	Seminar	6
Bachelor	Thinking (about) Machines	10SMTAM	Seminar	3
Bachelor	Between online visibility and surveillance. New challenges for political activism	06SM254j163	Research seminar	9
Bachelor	Strategic CEO Communication in Networked Public Spheres	06SM254j162	Research seminar	9
Bachelor	Visual Communication of Climate Change	06SM254j161	Research seminar	9
Bachelor/Master	5 Steps to Good Data Science Practice in R	10SMOS_2	Seminar	1
Bachelor/Master	Programming Bootcamp	10SMDSI_PBC	Seminar	2



Bachelor/Master	Markets & Norms	06SM240j507	Seminar	6
Bachelor/Master	Organizational Democracy: Conditions, Outcomes and Trends	240j510a	Seminar	6
Master	Multivariate Statistics	06SM254-501	Lecture & Tutorial	6
Master	Understanding Media Change	06SM254j095	Lecture	6
Master	People innovation mindset: Building a human-centered ecosystem	10SMPIM	Seminar	3
Master	Teamwork on Digital Transformation Challenges	10SMDSI_DTC	Seminar	6
Master	American Society	06SM240j501	Seminar	6
Master	UZH Innovathon: The Digitalization of Mobility	10SMINNO_3	Seminar	6
Master	Core Concepts of Digital Communication	06SM254j621	Seminar	6
Master	Digital Sociology	06SM240j004	Seminar	6
Master	Online Participation and Communities	06SM248j602	Internet & Society Seminar	6
Master	Hate Speech in Digital Media	06SM248-701	Internet & Society Research Seminar	9

### Comparative Language Science

Study Level	Course Title	Course Number	Course Category	Credit Points (ECTS)
Bachelor	Anthropological Linguistics	06SM272-018	Lecture	6
Bachelor	Statistics for Linguists	06SM272-016	Lecture with Practical Exercises	3
Bachelor	Structuring Linguistic Data	06SM272-017	Exercise	3
Bachelor/Master	Topics in Tagalog	06SM272j001	Lecture	3



Master	Introduction to Evolutionary Language Science	06SM272-502	Lecture	6
Master	Methods in Evolutionary Language Science	06SM272-503	Exercise	6
Master	Variation in Child Language Development	06SM272-509	Seminar	6
Master	Comparative Research on Language Origin	06SM272-512	Seminar	6
Master	Conditions of Language Dynamics	06SM272-504	Seminar	6
Master	Genetics, Bioanthropology and Linguistics: an Introduction	06SM272j606	Seminar	6
Master	Typologies of Linguistic Structures	06SM272-518	Seminar	6
Master	Linguistic Analysis and Annotation – Practical Applications	06SM272-515	Exercise	6
Master	Qualitative Reconstruction	06SM272-521	Seminar	9
Master	Practical Exercises in Psycholinguistics	06SM272-522	Exercise	6
Master	Evolutionary Neuroscience of Language	06SM272j614	Seminar	6

### Comparative Romance Linguistics

Study Level	Course Title	Course Number	Course Category	Credit Points (ECTS)
Bachelor/Master	The Romance Languages: Comparison and Contrast	06SM430j047	Course	3

### Educational Studies

Study Level	Course Title	Course Number	Course Category	Credit Points (ECTS)
Bachelor	Subject-Specific Paper	06SM226j004	Independent Study	3





Bachelor	Subject-Specific Reading	06SM226j002	Independent Study	3
Bachelor	Subject-Specific Reading in Groups	06SM226j003	Independent Study	3
Master	Interdisciplinary perspectives on human and artificial intelligence	06SM226j504	Seminar	3
Master	Subject-Specific Paper Inclusive Education	06SM226j522	Independent Study	3
Master	Subject-Specific Reading Inclusive Education	06SM226j521	Independent Study	3
Master	Subject-Specific Reading in Groups Inclusive Education	06SM226j520	Independent Study	3
Master	Subject-Specific Paper Education, Culture, and Politics	06SM226j516	Independent Study	3
Master	Subject-Specific Reading Education, Culture, and Politics	06SM226j514	Independent Study	3
Master	Subject-Specific Reading in Groups Education, Culture, and Politics	06SM226j515	Independent Study	3
Master	Subject-Specific Paper Education and Working Environment	06SM226j510	Independent Study	3
Master	Subject-Specific Reading Education and Working Environment	06SM226j508	Independent Study	3
Master	Subject-Specific Reading in Groups Education and Working Environment	06SM226j509	Independent Study	3
Master	Subject-Specific Paper Social Pedagogy and Socialization	06SM226j533	Independent Study	3
Master	Subject-Specific Reading Social Pedagogy and Socialization	06SM226j532	Independent Study	3
Master	Subject-Specific Reading in Groups Social Pedagogy and Socialization	06SM226j531	Independent Study	3



Master	Subject-Specific Paper School, Instruction, and Didactics	06SM226j528	Independent Study	3
Master	Subject-Specific Reading School, Instruction and Didactics	06SM226j527	Independent Study	3
Master	Subject-Specific Reading in Groups School, Instruction, and Didactics	06SM226j526	Independent Study	3

### English Language and Literature

Study Level	Course Title	Course Number	Course Category	Credit Points (ECTS)
Bachelor	Britain on the Big Screen: British Society and Culture in British Cinema	06SM440j005	Course	3
Bachelor	Excursion: Irish Festival Fribourg / Freiburg 2023	06SM440j008	Field Trip	3
Bachelor	Focus on Language Structure	06SM440-120	Seminar	6
Bachelor	Focus on Language Use	06SM440-121	Seminar	6
Bachelor	Focus on Variation and Change	06SM440-123	Seminar	6
Bachelor	History of the English Language 1: Focus on Old English	06SM440-100	Course, Seminar	6
Bachelor	Intercultural Communication	06SM440j007	Colloquium	3
Bachelor	Introduction to English Linguistics	06SM440-010	Course, Seminar	9
Bachelor	Introduction to Postcolonial Studies	06SM440j002	Course	3
Bachelor	Language Skills and Culture: Introduction	06SM440-030	Course, Exercise Group	12
Bachelor	Lecture Series "Irish Margins: Oppression and Resistance"	06SM440j006	Course	3
Bachelor	Literary Histories: Cultural Contexts	06SM440-223	Seminar	6
Bachelor	Literary Histories: Genres and Themes in Literature and Culture	06SM440-224	Seminar	6



Bachelor	Literary Histories: Renaissance and Early Modern Period	06SM440-220	Seminar	6
Bachelor	Literary Histories: The Long Nineteenth Century	06SM440-221	Seminar	6
Bachelor	Literary Histories: The Long Twentieth Century	06SM440-222	Seminar	6
Bachelor	Multilingualism and Multicompetence	06SM440j004	Course	3
Bachelor	The Rise of the Novel	06SM440j001	Course	3
Bachelor	The Spread of English: A Diachronic View	06SM440j003	Course	3
Master	Britain on the Big Screen: British Society and Culture in British Cinema	06SM440j005	Course	3
Master	Christopher Marlowe: Innovation and Experimentation in the Early Elizabethan Theatre	06SM440j505	Seminar	9
Master	Global Mobilities: The Literature of Migration	06SM440j506	Seminar	9
Master	Individual Differences in SLA	06SM440j502	Seminar	9
Master	Introduction to Postcolonial Studies	06SM440j002	Course	3
Master	Key Verbs in English	06SM440j501	Seminar	9
Master	Language Skills for Teachers	06SM440-810	Exercise Group	3
Master	Lecture Series "Irish Margins: Oppression and Resistance"	06SM440j006	Course	3
Master	Methods and Theories in English Linguistics	06SM440-500	Seminar	6
Master	Multilingualism and Multicompetence	06SM440j004	Course	3
Master	Queens and Kings: Royal Representations through the Centuries	06SM440j509	Seminar	9
Master	Reading Literary and Critical Theory	06SM440-550	Seminar	6
Master	Romantic Poetry: New Critical Perspectives	06SM440j508	Seminar	9
Master	Sociolinguistic Variation in the British Isles	06SM440j503	Seminar	9
Master	The Language of Old and Middle English Poetry	06SM440j504	Seminar	9
Master	The Rise of the Novel	06SM440j001	Course	3



Master	The Spread of English: A Diachronic View	06SM440j003	Course	3
Master	Women and Modernity: Literature, Visual Culture, Film	06SM440j507	Seminar	9
Master	Writing Skills for Research	06SM440-800	Exercise Group	6

## History

Study Level	Course Title	Course Number	Course Category	Credit Points (ECTS)
Bachelor	Basismodul I, Gruppe 10: Imperial Frontiers	600-007	Proseminar	9
Bachelor	Food History between East Asia and Africa, 1800-2000	600-021	Lecture	9
Bachelor	Lordship, kingship and empire in the central middle ages	600-001	Lecture	9
Bachelor/Master	Global Japan since c. 1800	600j011	Lecture	3
Bachelor/Master	The Ideal State: Greek and Roman Ideas about Justice and Their Legacy in Western Political Thought	600j001	Lecture	3
Master	Key Themes in Postcolonial History	600j504	Colloquium	3
Master	Simutaneous Inventions and Discoveries	600j507	Colloquium	3
Master	Islands of History: Hawai'i as Method	600-516	Seminar	12
Master	History Writing and the Anthropocene: Earth Archives and Deep Pasts	600-516	Seminar	12
Master	History of Knowledge: Knowledge Flows in twentieth-century East Asia	600-506	Seminar	12
Master	Ganz oben. Top wealth and the 1% in Switzerland since 1890	600-601	Seminar	12

## Philosophy

Study Level	Course Title	Course Number	Course Category	Credit Points (ECTS)
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Bachelor	Crime and Punishment	06SM160j026	Seminar	6
Bachelor	Epistemology of Law	06SM160j023	Seminar	6
Bachelor	Freedom of Speech and Its Limits	06SM160j030	Seminar	6
Bachelor	Idealism and Democracy in Plato's Republic	06SM160j036	Seminar	6
Bachelor	Territorial Rights	06SM160j028	Seminar	6
Bachelor	The Ethics and Politics of Refugeehood	06SM160j029	Seminar	6
Bachelor	Thinking (About) Machines	06SM160j021	Seminar	6
Master	Authority	06SM163j505	Seminar	6
Master	Themes from the Philosophy of Science	06SM164j505	Seminar	6

## Political Science

Study Level	Course Title	Course Number	Course Category	Credit Points (ECTS)
Bachelor	Comparative and International Political Economy	06SM615-001	Seminar	6
Bachelor	Comparative Politics	06SM615-023	Lecture	3
Bachelor	Conflict and Security	06SM615-003	Seminar	6
Bachelor	Current Issues of Political Sciences	06SM615-014	Seminar	6
Bachelor	Development and Sustainability	06SM615-009	Seminar	6
Bachelor	European Politics	06SM615-011	Seminar	6
Bachelor	Governance	06SM615-004	Seminar	6
Bachelor	Political Behavior	06SM615-026	Lecture	3
Bachelor	Specialisation: European Integration	06SM615j011	Seminar	6
Bachelor	Specialisation: International economic institutions	06SM615j005	Seminar	6



Bachelor	Specialisation: Parliaments and Democracy	06SM615j010	Seminar	6
Bachelor	Specialisation: Political Mobilization and Violence	06SM615j001	Seminar	6
Bachelor	Specialisation: Populism and Electoral Protest in the International Context	06SM615j009	Seminar	6
Master	[Master Seminar Political Data Journalism]	06SM615j510	Seminar	6
Master	Beyond Linear Regression: Categorical, Choice and Count Models	06SM615j534	Seminar	6
Master	Blind Spots in International Political Economy	06SM615j502	Seminar	6
Master	China in the world	06SM615j506	Seminar	6
Master	Data Visualization	06SM615j518	Seminar	6
Master	Digital Democracy	06SM615j515	Seminar	6
Master	Electoral promises: should we care?	06SM615j525	Seminar	6
Master	Inequality in Developing and Emerging Economies	06SMj509	Seminar	6
Master	International Geneva: Multilateralism and Diplomacy	06SM615j504a	Seminar	6
Master	Left-Right in Comparative Perspective	06SM615j511	Seminar	6
Master	Politics of Investment into Developing Countries	06SM615j503	Seminar	6
Master	Pre-Research Seminar Political Economy & Philosophy	06SM615-505	Seminar	6
Master	Pre-Research Seminar: Digital Technology, Politics, and Policy-Making	06SM615j517	Seminar	6
Master	Preparation for the Research Seminar: The Political Economy of Africa's Development	06SM615-501	Seminar	6
Master	Quantitative Methods	06SM623-501	Seminar	6
Master	R Programming Skills	06SM615j514	Seminar	6
Master	Saudi Arabia and Iran: The Regional Rivalry between Realist and Constructivist Approaches	06SM615j505	Seminar	6



Master	Statistical Modelling	06SM615-503	Lecture with Practical Exercises	6
Master	Text Mining and Sentiment Analysis	06SM615j516	Seminar	6
Master	The Evolution of Social Cleavages in the 21st Century	06SM615j529	Seminar	6

## Psychology

Study Level	Course Title	Course Number	Course Category	Credit Points (ECTS)
Bachelor	Anxiety Disorders – Theories, findings and treatment options	06SM200j404x	Seminar	4
Bachelor	Expanding aging research to the oldest- old: The heterogenous group of Centenarians and near-centenar	06SM200j202d	Seminar	4
Bachelor	Rebel Without a Cause: Facts and Fiction about the Teenage Brain	06SM200j202g	Seminar	4
Bachelor	Risk & Resilience in the Early Lifespan	06SM200j202f	Seminar	4
Bachelor	Stereotypes	06SM200j303x	Seminar	4
Bachelor	Sustainability Psychology	06SM200j303z	Seminar	4
Master	Adaptive Mind – Plastic Brain	06SM200j706a	Seminar	4
Master	Advanced data analytics: Statistical methods for robust inferences in psychological research & industry	06SM200j550	Seminar	4
Master	Big Data Science in Psychology and Cognitive Neuroscience	06SM200j563	Seminar	4
Master	Cultural Psychology	06SM200j704f	Seminar	4
Master	Current topics in cognitive neuroscience: Perception, attention and memory	06SM200j560	Seminar	4
Master	Economic and Consumer Psychology	06SM200-510	Lecture	4
Master	For the greater good: The role of altruism and pro-sociality in human decision making	06SM200j705f	Seminar	4



Master	Health Behavior Change	06SM200j705j	Seminar	4
Master	How do we measure cognition?	06SM200j565	Seminar	4
Master	Intergroup relations - A practical application	06SM200j704g	Seminar	4
Master	Interpersonal Processes in Psychotherapy	06SM200j559	Seminar	4
Master	Language as a Whole Brain Phenomenon	06SM200j555	Seminar	4
Master	Legal Psychology: Current Research on Verbal Deception Detection	200j566	Seminar	4
Master	Multilevel models for longitudinal data	06SM200j800h	Seminar	4
Master	Neuroscientific Advances in Psychiatry	06SM200j553	Seminar	4
Master	Personality and Social Relationships	06SM200j561	Seminar	4
Master	Social and emotional development across the lifespan	06SM200j705b	Seminar	4
Master	Successful Development Across the Lifespan	06SM200j557	Seminar	4
Master	The psychology of memory	06SM200j704a	Seminar	4
Master	The Psychology of Pleasure: An Overview of Empirical Research From Different Fields of Psychology	06SM200j706e	Seminar	4

You must be enrolled in psychology at your home university in order to attend the modules. If you want to attend master courses, you need a Bachelor's in psychology.

## Social and Cultural Anthropology

Study Level	Course Title	Course Number	Course Category	Credit Points (ECTS)
Bachelor	Working with Anthropological Texts (Group B)	06SM721-002	Exercise group and Tutorial	9
Bachelor	Anthropology of Disasters	06SM721j144	Seminar	6
Bachelor	The Social Life of Technology	06SM721j145	Seminar	6
Bachelor	Migration Research and Ethical Challenges	06SM721j326	Seminar	6





Bachelor/Master	Anthropology of South Asia: India – Discovering a country through narratives	06SM721j270	Seminar	6
Bachelor/Master	Lecture Series in Social Anthropology Fall Semester 2023	06SM721j508	Colloquium	3
Bachelor/Master	Ethics in Empirical/Anthropological Research Processes	06SM721j406	Exercise group	3
Master	Theories in Anthropology	06SM721-500	Seminar	6
Master	Research Seminar on Transformation and Development	06SM721-600	Seminar	9
Master	Rethinking Sexualities, Intimacies and Normativities	06SM721j656	Seminar	6
Master	Anthropology of the Culinary	06SM721j706	Seminar	6
Master	Children in International Development	06SM721j757	Seminar	6

## Sociology

Study Level	Course Title	Course Number	Course Category	Credit Points (ECTS)
Bachelor/Master	Current Sociological Research	06SM240-507	Colloquium	3
Bachelor/Master	Computational Social Science	06SM240j002	Seminar	6
Bachelor/Master	Experimental Behavioral and Social Research	06SM240j506	Seminar	6
Bachelor/Master	Digital Sociology	06SM240j004	Seminar	6
Bachelor/Master	Markets and Norms	06SM240j507	Seminar	6
Bachelor/Master	Organizational Democracy: Conditions, Outcomes and Trends	06SM240j510	Seminar	6
Bachelor/Master	American Society	06SM240j501	Seminar	6
Bachelor/Master	Occupational Choice and Job Mobility: Why you Work Where you Work	06SM240j514	Seminar	6
Bachelor/Master	Introduction to Life Course and Generations	06SM240-501	Seminar	6



## Excerpt of Courses taught in English at the Faculty of Business, Economics and Informatics

### Banking and Finance

Study Level	Course Title	Course Number	Course Category	Credit Points (ECTS)
Bachelor	Intermediate Corporate Finance (S)	03SM22BO0017	Seminar	3
Bachelor	Sustainability and the Finance Sector (S)	03SM22BO0112	Seminar	3
Master	Advanced CFA Investment Challenge (S)	03SM22MO0043	Seminar	3
Master	Advanced Corporate Finance I (L+E)	03SM22MO0007	Course, Exercise Group	6
Master	Advances in Computational Economics and Finance (S) HS23	03SMDOEC1094	Seminar	3
Master	Applied Financial Analytics for Strategic Decisions and Value Creation (L)	03SM22MO0089	Lecture with Practical Exercises	3
Master	Applied Quantitative Finance (S)	03SM22MO0141	Seminar	3
Master	Asset Management: Advanced Investments	03SM22MO0040	Course	3
Master	Bank Treasury Management (L)	03SM22MO0064	Course	3
Master	CFA Investment Challenge (S)	03SM22MO0036	Seminar	6
Master	Corporate Finance (L)	03SM22MO0008	Course	3
Master	Corporate Finance (L)	03SMDFOEC007	Course	9
Master	Counterparty Credit Risk Management (L)	03SM22MO0034	Course	3
Master	Cultural Economics and Finance (S)	03SMDOEC0930	Seminar	3
Master	Digital Tools for Finance (L)	03SMDFOEC008	Course	3
Master	Economic Foundations for Finance (L+E)	03SM22MO0039	Course, Exercise Group	6



Master	Environmental and financial sustainability (L)	03SM22MO0009	Course	3
Master	FinTech & InsurTech – Digitization of the Financial Services Industry (L+E) (Digitalisierung der Finanzindustrie)	03SM22MO0085	Lecture with Practical Exercises	3
Master	Fundamental Probability for Finance (I+II) (L)	03SM22MO0058	Course	6
Master	Impact Investing and Financial Inclusion (L)	03SM22MO0055	Course	3
Master	International Tax Planning (L)	03SM22MO0053	Course	3
Master	Investment Process in Practice - Fundamentals and Applications (L)	03SM22MO0189	Course	3
Master	Macro-Finance (L)	03SM22MO0191	Course	3
Master	Mathematical Finance: Mathematical Finance and Derivatives (S)	03SMDOEC0383	Seminar	9
Master	Matlab for Portfolio Management (L)	03SM22MO0038	Course	3
Master	Microeconomics of Insurance (L)	03SM22MO0035	Course	3
Master	Monetary Policy and Financial Markets (S)	03SM22MO0083	Seminar	3
Master	Portfolio Management Implementation 1 (S)	03SM22MO0037	Seminar	3
Master	Portfolio Management Theory I (S)	03SM22MO0042	Seminar	3
Master	Quantitative Asset Management (S)	03SM22MO0031	Seminar	3
Master	Real Analysis I (L)	03SM22MO0194	Course	6
Master	Real Estate Finance Seminar	03SM22MO0082	Seminar	3
Master	Seminar Corporate Governance (S)	03SM22MO0041	Seminar	3
Master	Statistical Foundations for Finance (Mathematical and Computational Statistics with a View Towards Finance and Risk Management)	03SM22MO0103	Course	6
Master	Stress Testing of Banks (L)	03SM22MO0044	Course	3
Master	Sustainable Finance Research Seminar	03SMDOEC0912	Seminar	3
Master	The Economy of Risk in Insurance (L)	03SM22MO0033	Course	3
Mast	Topics of Applied Risk Management (L)	03SM22MO0188	Course	3



**Business Administration**

Study Level	Course Title	Course Number	Course Category	Credit Points (ECTS)
Bachelor	A primer in Entrepreneurship (L)	03SM22BO0028	Course	3
Bachelor	Corporate Entrepreneurship (S)	03SM22BO0021	Seminar	3
Bachelor	HRM and Organizational Behavior (L+E)	03SM22BO0050	Course, Exercise Group	6
Bachelor	International Management (L)	03SM22BO0038	Course	3
Bachelor	Marketing Strategy (S)	03SM22BO0044	Seminar	3
Bachelor	Personal Branding and Digital Marketing (L)	03SM22BO0051	Course	6
Master	Accounting bootcamp for Master's students (L)	03SM22MO0093	Lecture with Practical Exercises	3
Master	Advanced Optimization Models for Decision Making (L+E)	03SMDOEC1112	Lecture with Practical Exercises	3
Master	An Introduction to Revenue Management and Pricing (S)	03SM22MO0099	Seminar	6
Master	Applied Empirical Methods for Business Administration	03SM22MO0006	Lecture with Practical Exercises	6
Master	Business Economics Research Seminar (S) HS23	03SMDOEC1107	Seminar	3
Master	Contemporary Readings on Behavior in Organizations (S) HS23	03SMDOEC1095	Seminar	3
Master	Current Topics in Management and Business Ethics (S) HS23	03SMDOEC1099	Seminar	3
Master	Digital Marketing (L+E)	03SM22MO0090	Examination	3
Master	Digital Marketing: Collaborative Project (S)	03SM22MO0196	Seminar	6



Master	Discussion workshop: Personnel economics and economics of education (S) HS23	03SMDOEC1109	Seminar	3
Master	Doing Research in Operations Management HS23	03SMDOEC1110	Seminar	3
Master	Financial Instruments and Financial Institutions Accounting (L)	03SM22MO0079	Course	6
Master	Fundamentals of Digital Marketing (L+E)	03SM22MO0197	Lecture with Practical Exercises	6
Master	Global Strategic Management (L+E)	03SM22MO0063	Lecture with Practical Exercises	6
Master	Intercultural Management: Cultural dimensions of international management (L)	03SM22MO0114	Course	3
Master	Leadership (L)	03SM22MO0193	Course	3
Master	Machine Learning - A non-technical introduction with applications to Marketing (L)	03SM22MO0072	Course	3
Master	Machine Learning with Python for Education and Personnel Economists (S)	03SMDOEC0918	Seminar	3
Master	Market-Based research in Interantional Accounting, Part II: Applications & Special Topics	03SMDOEC0613	Seminar	3
Master	ME1: Personnel Economics (L+E)	03SM22MO0001	Lecture with Practical Exercises	6
Master	ME4: Accounting and Economics (L+E)	03SM22MO0004	Lecture with Practical Exercises	3
Master	Organization, Management, and Theories of the Firm (S)	03SMDOEC0348	Seminar	3
Master	People innovation mindset: Building a human-centered ecosystem (S)	03SMDOEC1116	Seminar	3
Master	Personnel and Education Economics: Theoretical and Empirical Analyses, Part 2	03SM22MO0046	Seminar	6



Master	Prototyping data science products (S)	03SM22MO0096	Seminar	3
Master	Python - A non-technical introduction with applications to Marketing (L)	03SM22MO0076	Course	3
Master	Seminar on Responsible Leadership (S)	03SM22MO0080	Seminar	3
Master	Social dynamics: Understanding the spreading of products and behaviors in society (S)	03SM22MO0175	Seminar	3
Master	The Economics of Human Capital (S)	03SM22MO0100	Seminar	6
Master	The Economics of Sports: Governance and Markets (L)	03SM22MO0062	Course	3
Master	The Practice of Strategy (S)	03SM22MO0052	Seminar	3
Master	Theories of Accounting Disclosure (S)	03SM22MO0094	Seminar	3
Master	Theorizing and Writing Qualitative Work - From data analysis to theorization HS23	03SMDOEC1102	Seminar	3

## Economics

Study Level	Course Title	Course Number	Course Category	Credit Points (ECTS)
Bachelor	Behavioral Finance (L +E)	03SM22BO0054	Course, Exercise Group	6
Bachelor	Introduction to Economic Inequality (L)	03SM22BO0055	Course	3
Bachelor	Introduction to Game Theory (L+E)	03SM22BO0020	Course, Exercise Group	6
Bachelor	Macroeconomics of Growth (L + E)	03SM22BO0035	Course, Exercise Group	6
Bachelor	Methods of Empirical Macroeconomics (L+E)	03SM22BO0034	Course, Exercise Group	6
Master	Advanced Macroeconomics (L+E)	03SM22MO0011	Course, Exercise Group	6



Master	Advanced Microeconomics I (L+E)	03SM22MO0012	Course, Exercise Group	6
Master	Advanced Microeconomics II (L+E)	03SM22MO0014	Examination	6
Master	Applied Time Series with R (S)	03SM22MO0202	Seminar	3
Master	Behavioral Lab Meeting (S)	03SMDOEC0764	Seminar	TBD
Master	Behavioral Theory (L+E)	03SM22MO0081	Course, Exercise Group	6
Master	Business Administration for Research Students: Empirical Methods (L+E)	03SMDOEC0454	Course, Exercise Group	9
Master	Business Administration for Research Students: Theory (L+E)	03SMDOEC0439	Course, Exercise Group	9
Master	Business Cycles: Empirics and Theory (L)	03SM22MO0077	Course	3
Master	Decision Theory (L)	03SMDOEC0883	Course	3
Master	digital social sciences: AI, Text2Data and Applied Economics (S)	03SMDOEC6116	Seminar	TBD
Master	Econ Faculty Lunch Seminar	03SMDOEC6124	Seminar	TBD
Master	Econometrics for Research Students Part I (Ph.D.) (L+E)	03SMDOEC0379	Course, Exercise Group	9
Master	Econometrics Seminar	03SMDOEC6120	Seminar	TBD
Master	Economics of Education (L)	03SM22MO0199	Course	3
Master	Empirical Methods (L+E)	03SM22MO0010	Course, Exercise Group	6
Master	Experimental and Behavioral Economics Seminar (S)	03SMDOEC0524	Seminar	3
Master	Experimental Project Design (S) HS23	03SMDOEC1087	Seminar	3
Master	Forecast Combinations (S)	03SMDOEC1120	Seminar	TBD
Master	Global Poverty and Economic Development (L+E)	03SM22MO0073	Course, Exercise Group	6



Master	Intermediate Statistics (L+E)	03SM22MO0059	Course, Exercise Group	6
Master	International Macroeconomics (L+E)	03SM22MO0013	Examination	6
Master	International Macroeconomics and Financial Markets (S)	03SM22MO0127	Seminar	6
Master	Introductory Maths Course (L+E)	03SMDOEC0447	Lecture with Practical Exercises	6
Master	Labor Economics (L)	03SM22MO0066	Course	3
Master	Macro Reading Group (S)	03SMDOEC6125	Seminar	TBD
Master	Macroeconomics and International Trade Seminar (S)	03SMDOEC6090	Seminar	TBD
Master	Macroeconomics for Research Students Part I (Ph.D.) (L+E)	03SMDOEC0380	Course, Exercise Group	9
Master	Meta-Analysis (S)	03SM22MO0092	Seminar	3
Master	Microeconomics Seminar (ETH/UZH) (S)	03SMDOEC6089	Seminar	TBD
Master	Neuroeconomic Foundations of Decision Making	03SMDOEC0726	Course	3
Master	Neuroeconomics Seminar (S) (Foundations of Human Social Behavior)	03SMDOEC0526	Seminar	3
Master	Non-Invasive Brain Stimulation for Neuroeconomics (S)	03SMDOEC0530	Seminar	3
Master	Overcoming the Globalization Crisis (S)	03SM22MO0200	Seminar	3
Master	PhD Course: Behavioral Economics (L)	03SMDOEC0802	Course	2
Master	PhD Course: Development Economics (L)	03SMDOEC0795	Course	2
Master	PhD Course: Empirical Industrial Organization (L+E)	03SMDOEC0640	Course, Exercise Group	3
Master	PhD Course: Graduate Labor Economics (L)	03SMDOEC0796	Course	2
Master	PhD Course: Market Design HS23	03SMDOEC1098	Course	2
Master	Policy implications of rising inequality (S)	03SM22MO0157	Seminar	3
Master	Principles of Neuroeconomics (L)	03SM22MO0061	Course	3





Master	Programming Practices for Research in Economics (L)	03SMDOEC0879	Lecture with Practical Exercises	2
Master	Public Debt Management (L)	03SM22MO0060	Course	3
Master	Recent Developments in Competition Policy (S)	03SM22MO0074	Seminar	3
Master	Scientific programming for neuroeconomic experiments (S)	03SMDOEC0267	Seminar	3
Master	The Economics of Paternalism (S)	03SM22MO0087	Seminar	3
Master	Topics in Microeconomics (S) HS23	03SMDOEC1101	Seminar	2

## Informatics

Study Level	Course Title	Course Number	Course Category	Credit Points (ECTS)
Bachelor	Computer Networks and Distributed Systems (L+E) (Kommunikationsnetze und Verteilte Systeme)	03SM22BI0006	Lecture with Practical Exercises	6
Bachelor	Foundations of Computing II (L+E)	03SM22BI0001	Lecture with Practical Exercises	6
Bachelor	Numerical Methods in Informatics (L+E)	03SM22BI0003	Lecture with Practical Exercises	6
Bachelor	People-Oriented Computing (L+E) (Mensch und Computer)	03SM22AINF04	Lecture with Practical Exercises	6
Bachelor	Seminar: Best Practices and Guidelines for Visualization (BSc)	03SM22BIS018	Seminar	3



Bachelor	Software Construction (L+E) (Softwarekonstruktion)	03SM22BI0004	Lecture with Practical Exercises	6
Bachelor/Master	Algorithmic Game Theory and Mechanism Design (L+E)	03SM22BMI002	Lecture with Practical Exercises	6
Bachelor/Master	Informatics I (L+E) (Informatik I)	03SM22AINF02	Lecture with Practical Exercises	6
Bachelor/Master	Requirements Engineering I (L+E)	03SM22BMI003	Lecture with Practical Exercises	3
Bachelor/Master	Seminar: Artificial Intelligence and Machine Learning (BSc)	03SM22BIS002	Seminar	3
Bachelor/Master	Seminar: Blockchain Platforms (BSc)	03SM22BIS016	Seminar	3
Bachelor/Master	Seminar: Internet Economics (BSc)	03SM22BIS001	Seminar	3
Bachelor/Master	Seminar: Software Evolution & Developer Productivity (BSc)	03SM22BIS004	Seminar	3
Bachelor/Master	Temporal and Spatial Data Management (L)	03SM22BMI009	Course	3
Master	Advanced Topics in Artificial Intelligence (AI) (L+E)	03SM22MI0004	Lecture with Practical Exercises	6
Master	Blockchain and Crypto Economics (L&E)	03SM22MI0036	Lecture with Practical Exercises	6
Master	Combinatorial Algorithms (L+E)	03SM22MI0018	Lecture with Practical Exercises	6
Master	Communication Systems Lab Course (PR)	03SM22MI0021	Practical Training	6
Master	Database Systems Lab MSc (Praktikum Datenbanksysteme MSc)	03SM22MI0020	Practical Training	3



Master	Digitalization and Sustainable Development (V)	03SM22MI0013	Course	3
Master	Enterprise IT-Architectures (L+E)	03SM22MI0012	Lecture with Practical Exercises	3
Master	Foundations of Data Science (L+E)	03SM22MI0005	Lecture with Practical Exercises	6
Master	Fundamentals of People-Oriented Computing	03SM22MI0003	Independent Study	6
Master	Fundamentals of Software Systems (L+E)	03SM22MI0002	Lecture with Practical Exercises	6
Master	How to manage an IT Company (L)	03SM22MI0016	Course	3
Master	Human Aspects of Software Engineering (L+E)	03SM22MI0014	Lecture with Practical Exercises	6
Master	Information Management (L+E)	03SM22MI0001	Lecture with Practical Exercises	6
Master	Interactive-Visual Data Analysis (L&E)	03SM22MI0028	Lecture with Practical Exercises	6
Master	Network Science (L+E)	03SM22MI0019	Lecture with Practical Exercises	6
Master	Object-Oriented Software Development (V) (Objektorientierte Softwareentwicklung)	03SM22MI0011	Course	3
Master	Protocols for Multi-media Communications (PMMK) (L+E)	03SM22MI0010	Lecture with Practical Exercises	6



Master	Seminar: Best Practices and Guidelines for Visualization (MSc)	03SM22MIS018	Seminar	3
Master	Seminar: Modern Data Analytics (MSc)	03SM22MIS100	Seminar	3
Master	Vision Algorithms for Mobile Robotics (L+E)	03SMDINF2039	Lecture with Practical Exercises	6



## Excerpt of Courses Taught in English at the Faculty of Law

### Law

Study Level	Course Title	Course Number	Course Category	Credit Points (ECTS)
Bachelor	Transnational Organised Crime - The UN Perspective	02SM120WM4	Course	3
Master	Ancient Legal History	02SM90GL1EN	Course	6
Master	Children's Rights	02SM90WM3	Course	6
Master	Comparative Constitutional Law	02SM90CL3	Course	6
Master	Comparative Private Law	02SM90CL5	Course	6
Master	Contract Design I	02SM90WM4	Lecture with Practical Exercises	6
Master	Criminology	02SM90GL3	Course	6
Master	Current Issues in International Law	02SM90IL2	Course	6
Master	European Criminal Law	02SM90IL3	Course	6
Master	European Tax Law	02SM90IL6	Course	6
Master	History of Business Law	02SM90GL5EN	Course	6
Master	International Organisations	02SM90IL12	Course	6
Master	International Sales Law (CISG)	02SM90IL13	Course	6
Master	International Trade Regulation	02SM90IL14	Course	6
Master	Introduction to Swiss Law	02SM90PM6A	Course	6
Master	Law and Economics	02SM90GL10	Course	6
Master	Law and Technology - a cross-continental perspective	02SM90WM15	Course	6



Master	Legal Theory	02SM90GL14	Course	6
Master	Principles of Corporate Law	02SM90CL4	Course	6
Master	Recent Case Law of International Courts	02SM90IL15	Course	6
Master	Regulation Without Law? Law and Technologies of the Twenty-First Century	02SM90GL19	Course	6
Master	Responsible Business Conduct	02SM90WM10	Course	6
Master	The Art and Science of Negotiations	02SM90WM30	Course	6
Master	Workshop and Lecture Series on the Law and Economics of Innovation	02SM90WM36	Course	6



## Excerpt of Courses Taught in English at the Faculty of Science

### Astronomy and Astrobiology

Study Level	Course Title	Course Number	Course Category	Credit Points (ECTS)
Bachelor/Master	AST 210 Astronomy Field Trips	07SMAST210	Field Trip	3
Bachelor/Master	AST 241 Introduction to Astrophysics	07SMAST241	Course, Exercise Group	5
Bachelor/Master	AST 245 Computational Astrophysics	07SMAST245	Course	6
Bachelor/Master	AST 246 Computational Astrophysics (LAB & LECTURE)	07SMAST246	Course, Practical Training	10
Bachelor/Master	AST 291 Proseminar Astrophysics	07SMAST291	Seminar	2
Bachelor/Master	AST 295 Astrobiology Proseminar	07SMAST295	Seminar	2
Bachelor/Master	AST 511 General Relativity	07SMAST511	Course, Exercise Group	10
Bachelor/Master	AST 512 Theoretical Astrophysics	07SMAST512	Course, Exercise Group	10
Bachelor/Master	AST 514 Planet Formation	07SMAST514	Course, Exercise Group	10
Master	AST 006 Students Seminar	07SMAST006	Seminar	TBD
Master	AST 007 Galaxy and star formation	07SMAST007	Seminar	TBD
Master	AST 800 Astrophysical thinking HS	07SMAST800	Seminar	2
Master	AST 801 Astrophysical thinking FS	07SMAST801	Seminar	2
Master	AST 802 Advanced Topics of Theoretical Cosmology	07SMAST802	Course	4



## Biochemistry

Study Level	Course Title	Course Number	Course Category	Credit Points (ECTS)
Bachelor	BCH 310 Biochemistry III	07SMBCH310	Course	3
Bachelor/Master	BCH 301 Molecular cell biology	07SMBCH301	Course	6
Master	BCH 420 Advanced Protein Engineering	07SMBCH420	Lecture with Practical Exercises	2
Master	BCH 502 Biochemistry: An Overview	07SMBCH502	Examination	10

## Biodiversity

Study Level	Course Title	Course Number	Course Category	Credit Points (ECTS)
Bachelor	EEE 264 Environmental Policy of the EU	07SMEEE264	Course	3
Bachelor	EEE 312 Taxonomy and Species Identification of Invertebrates	07SMEEE312	Block Course	6
Bachelor/Master	EEE 242 Animal Eco-Physiology	07SMEEE242	Course	3
Bachelor/Master	EEE 350 Biodiversity Policy and Management	07SMEEE350	Course	3
Bachelor/Master	UWW 163 Practical Term Paper	07SMUWW163	Student Work	3
Bachelor/Master	UWW 164 Event Organisation in the Environmental Field	07SMUWW164	Practical Training	2
Bachelor/Master	UWW 210 Field Course in Biodiversity Assessment and Monitoring	07SMUWW210	Block Course	2
Bachelor/Master	UWW 220 Species Interactions and Biodiversity	07SMUWW220	Course	3
Bachelor/Master	UWW 230 Analysis and Management of Biological Populations	07SMUWW230	Block Course	2
Bachelor/Master	UWW 250 Spatial Ecology and Remote Sensing	07SMUWW250	Block Course	2





Bachelor/Master	UWW 271 Contemporary Analysis for Ecology	07SMUWW271	Course	4
Bachelor/Master	UWW 273 Introduction to Theoretical Ecology	07SMUWW273	Lecture with Practical Exercises	3
Master	UWW 270 Quantitatives Analysis	07SMUWW270	Course, Lecture with Practical Exercises	9
Master	UWW 280 Special Topics	07SMUWW280	Other	6§

## Biology

Study Level	Course Title	Course Number	Course Category	Credit Points (ECTS)
Bachelor	BIO 137 Concepts in Virology	07SMBIO137	Seminar	1
Bachelor	BIO 280 Animal Domestication	07SMBIO280	Course	2
Bachelor	BIO 615 Virology: Principles of Molecular Biology, Pathogenesis, and Control of Human Viruses	07SMBIO615	Course	3
Bachelor/Master	BIO 134 Programming in Biology	07SMBIO134	Lecture with Practical Exercises	5
Bachelor/Master	BIO 210 Human Behavioural Ecology and Cultural Evolution	07SMBIO210	Block Course	6
Bachelor/Master	BIO 226 Introduction to ecological genomics and molecular adaptation	07SMBIO226	Block Course	6
Bachelor/Master	BIO 227 Biogeography and Biodiversity	07SMBIO227	Block Course	6
Bachelor/Master	BIO 228 Evolutionary Medicine	07SMBIO228	Course	2
Bachelor/Master	BIO 230 Cancer Stem/Propagating Cells and their Microenvironment	07SMBIO230	Block Course	6



Bachelor/Master	BIO 232 Herbivore-Plant Interactions	07SMBIO232	Block Course	6
Bachelor/Master	BIO 243 Epigenetics	07SMBIO243	Course	3
Bachelor/Master	BIO 250 Drug efficacy and pathway assessment in pediatric brain cancer models	07SMBIO250	Block Course	6
Bachelor/Master	BIO 257 DNA metabolism and cancer	07SMBIO257	Course	3
Bachelor/Master	BIO 260 Molecular Biology Course for Biology and Medicine	07SMBIO260	Block Course	6
Bachelor/Master	BIO 263 Marine Megafauna in deep time	07SMBIO263	Block Course	6
Bachelor/Master	BIO 264 Paleobiology and Evolution of Invertebrates	07SMBIO264	Block Course	6
Bachelor/Master	BIO 265 Evolution and Paleobiology of Plants	07SMBIO265	Lecture with Practical Exercises	2
Bachelor/Master	BIO 267 Paleobiology and Evolution of Vertebrates	07SMBIO267	Block Course	6
Bachelor/Master	BIO 271 Illustrations in Natural History	07SMBIO271	Course	1
Bachelor/Master	BIO 279 Paleontological Excursions (on weekends)	07SMBIO279	Field Trip	1
Bachelor/Master	BIO 282 Methods in Molecular Plant Biology	07SMBIO282	Block Course	6
Bachelor/Master	BIO 284 Systemic Microbiology	07SMBIO284	Block Course	6
Bachelor/Master	BIO 285 Genetic and Epigenetic Control of Plant Development	07SMBIO285	Block Course	6
Bachelor/Master	BIO 286 Plant Sensing	07SMBIO286	Block Course	6
Bachelor/Master	BIO 297 Social Behaviour of Bacteria (Course)	07SMBIO297	Course	3
Bachelor/Master	BIO 299 Parasites - from genes to systems	07SMBIO299	Block Course	6
Bachelor/Master	BIO 307 Microbial Ecology of Alpine Freshwater Ecosystems	07SMBIO307	Block Course	3
Bachelor/Master	BIO 309 Aquatic Ecology	07SMBIO309	Block Course	12
Bachelor/Master	BIO 310 Experimental Invertebrate Reproduction	07SMBIO310	Block Course	6
Bachelor/Master	BIO 311 Population Ecology	07SMBIO311	Block Course	6
Bachelor/Master	BIO 314 Plant Epigenetics	07SMBIO314	Block Course	6



Bachelor/Master	BIO 317 Advanced methods in genomic and cellular manipulation	07SMBIO317	Block Course	6
Bachelor/Master	BIO 319 Targeting cell migration control in invasive brain tumors	07SMBIO319	Block Course	6
Bachelor/Master	BIO 320 Sleep and wake regulation	07SMBIO320	Block Course	6
Bachelor/Master	BIO 322 Cell Biology of Viral Infections	07SMBIO322	Block Course	6
Bachelor/Master	BIO 323 Modern Genetics and Genomics	07SMBIO323	Block Course	12
Bachelor/Master	BIO 325 Systems dynamics in cell and developmental biology	07SMBIO325	Block Course	6
Bachelor/Master	BIO 327 Neuroscience Communication Course	07SMBIO327	Block Course	6
Bachelor/Master	BIO 331 Frontiers in Animal Behaviour	07SMBIO331	Course	2
Bachelor/Master	BIO 333 Comparative Physiology and Pharmacology of Sleep	07SMBIO333	Course	1
Bachelor/Master	BIO 336 From DNA to Diversity: the Evolution of Multicellular Organisms	07SMBIO336	Course	2
Bachelor/Master	BIO 344 Development of the Nervous System	07SMBIO344	Course	3
Bachelor/Master	BIO 348 Concepts in Modern Genetics	07SMBIO348	Lecture with Practical Exercises	6
Bachelor/Master	BIO 350 Eco-Physiology and Implications for Behaviour and Health	07SMBIO350	Lecture with Practical Exercises	2
Bachelor/Master	BIO 351 Principles of Evolution: Theory	07SMBIO351	Block Course	6
Bachelor/Master	BIO 352 Principles of Evolution: Practice	07SMBIO352	Block Course	6
Bachelor/Master	BIO 372 Virology: Methods in Molecular Biology, Pathogenesis, and Control of Human Viruses	07SMBIO372	Block Course	6
Bachelor/Master	BIO 373 Next Generation Sequencing for Evolutionary Functional Genomics	07SMBIO373	Block Course	6
Bachelor/Master	BIO 377 Basic Quantitative Methods	07SMBIO377	Course	2
Bachelor/Master	BIO 386 Sociobiology of Communication	07SMBIO386	Course	3
Bachelor/Master	BIO 387 Sociobiology in Animals	07SMBIO387	Block Course	6



Bachelor/Master	BIO 390 Introduction to Bioinformatics	07SMBIO390	Course	3
Bachelor/Master	BIO 392 Bioinformatics of Molecular Sequence Variations	07SMBIO392	Block Course	6
Bachelor/Master	BIO 409 Veterinary Medicine: comparative morphology and pathophysiology	07SMBIO409	Block Course	6
Bachelor/Master	BIO 416 Microscopy	07SMBIO416	Course	3
Bachelor/Master	BIO 430 Immunology	07SMBIO430	Block Course	6
Bachelor/Master	BIO 434 Electrophysiological Recording Techniques	07SMBIO434	Block Course	6
Bachelor/Master	BIO 437 Human Adaptation	07SMBIO437	Course	3
Bachelor/Master	BIO 438 Methods in Human Bioarchaeology	07SMBIO438	Lecture with Practical Exercises	3
Bachelor/Master	BIO 439 Current topics in immunology	07SMBIO439	Block Course	6
Bachelor/Master	BIO 440 Evolutionary Medicine: Morphological changes and pathologies	07SMBIO440	Block Course	6
Bachelor/Master	BIO 445 Quantitative Life Sciences: from Infectious Diseases to Ecosystems	07SMBIO445	Block Course	6
Bachelor/Master	BIO 446 Applied RNA Methodology	07SMBIO446	Block Course	6
Bachelor/Master	BIO 632 Introductory course in flow cytometry	07SMBIO632	Lecture with Practical Exercises	1
Master	BIO 338 Introduction to Scientific Writing	07SMBIO338	Other	TBD
Master	BIO 412 Introductory Course in Laboratory Animal Science (LTK Modul 1)	07SMBIO412a	Exercise Group	2
Master	BIO 520 Integrated knowledge in Biology	07SMBIO520	Examination	10
Master	BIO 551 Anthropological Seminar Series	07SMBIO551	Colloquium	TBD
Master	BIO 552 Symposium Evolutionary Anthropology	07SMBIO552	Colloquium	TBD
Master	BIO 553 Journal Club in Anthropology	07SMBIO553	Seminar	TBD
Master	BIO 556 Scientific Writing for Organismal Biologists	07SMBIO556	Seminar	3



Master	BIO 557 Scientific Writing and Experimental Design for Life Sciences	07SMBIO557	Lecture with Practical Exercises	2
Master	BIO 571 Paleontological Colloquium	07SMBIO571	Colloquium	TBD
Master	BIO 602 Seminar in Animal Behaviour	07SMBIO602	Colloquium	TBD
Master	BIO 605 Seminar for Evolutionary Biology and Environmental Studies	07SMBIO605	Seminar	TBD
Master	BIO 606 BEEES Seminar (Behaviour, Ecology, Environment and Evolution Seminar)	07SMBIO606	Seminar	TBD
Master	BIO 609 Introduction to UNIX/Linux and Bash Scripting	07SMBIO609	Other	TBD
Master	BIO 610 Next-Generation Sequencing and its Application using Machine Learning	07SMBIO610	Other	1
Master	BIO 611 Colloquium for ongoing advances in infectious cell biology	07SMBIO611	Seminar	TBD
Master	BIO 612 Seminars in Bioinformatics: Methods and Emerging Solutions	07SMBIO612	Colloquium	TBD
Master	BIO 613 Joint Lab Meeting / Progress Seminar	07SMBIO613	Colloquium	TBD
Master	BIO 615 Virology: Principles of Molecular Biology, Pathogenesis, and Control of Human Viruses	07SMBIO615	Course	3
Master	BIO 616 Lecture Series in Molecular Life Sciences	07SMBIO616	Colloquium	TBD
Master	BIO 619 Seminar in Neurosciences	07SMBIO619	Seminar	TBD
Master	BIO 625 Bioacoustics	07SMBIO625	Seminar	TBD
Master	BIO 629 Advanced Flow Cytometry Course	07SMBIO629	Lecture with Practical Exercises	1
Master	BIO 636 Cutting Edge Topics: Immunology and Infection Biology	07SMBIO636	Seminar	2
Master	BIO 637 Mass spectrometry-based metabolomics – from theory to practice	07SMBIO637	Lecture with Practical Exercises	2



Master	BIO 638 Next Generation Sequencing applied to Metagenomics	07SMBIO638	Lecture with Practical Exercises	2
Master	BIO 652 Viruses and hosts	07SMBIO652	Seminar	TBD
Master	BIO 657 Colloquium on literature (Group seminar)	07SMBIO657	Colloquium	TBD
Master	BIO 661 Science Writing	07SMBIO661	Seminar	1
Master	BIO 684 Translational Medicine: Infection & Immunity	07SMBIO684	Seminar	2
Master	BIO 752 Advanced Seminar	07SMBIO752	Seminar	TBD
Master	BIO 782 Advanced Population Genetics	07SMBIO782	Seminar	TBD
Master	BIO 784 Evolutionary Genomics Journal Club	07SMBIO784	Seminar	TBD
Master	Introduction to flow cytometry (FACS)	07SMBIO627	Other	1

## Biomedicine

Study Level	Course Title	Course Number	Course Category	Credit Points (ECTS)
Bachelor/Master	BME 236 Biomedicine I	07SMBME236	Course	3
Bachelor/Master	BME 303 Diseases of autonomous systems	07SMBME303	Block Course	6
Bachelor/Master	BME 304 Vital Functions: Measurements on the Human Body	07SMBME304	Block Course	6
Bachelor/Master	BME 307 Microbiomes in health and disease	07SMBME307	Block Course	6
Bachelor/Master	BME 308 Human Molecular Genetics	07SMBME308	Block Course	6
Bachelor/Master	BME 312 Epigenetics and Disease	07SMBME312	Block Course	6
Bachelor/Master	BME 316 Glycosylation	07SMBME316	Course	3



Bachelor/Master	BME 317 Metabolism and Nutrition	07SMBME317	Lecture with Practical Exercises	3
Bachelor/Master	BME 319 Prospects of molecular diagnostics in pediatrics	07SMBME319	Block Course	6
Bachelor/Master	BME 322 Molecular and Cellular Neurobiology	07SMBME322	Course	3
Bachelor/Master	BME 323 Brain Disorders	07SMBME323	Block Course	6
Bachelor/Master	BME 324 Basics in human toxicology	07SMBME324	Course	2
Bachelor/Master	BME 330 Quantitative Biomedicine	07SMBME330	Block Course	6
Bachelor/Master	BME 336 Muscle and Bone Bioengineering	07SMBME336	Block Course	6
Bachelor/Master	BME 337 Introduction to Digital Health	07SMBME337	Course	3
Bachelor/Master	BME 338 Digital Health in Practice	07SMBME338	Course	3
Bachelor/Master	BME 343 Tissue engineering of muscle and bones	07SMBME343	Block Course	6
Bachelor/Master	BME 345 Biomaterials and Applied Technologies in Dentistry	07SMBME345	Block Course	6
Bachelor/Master	BME 346 Tissue Engineering of the Skin	07SMBME346	Block Course	6
Bachelor/Master	BME 349 Immune disorders and assessment	07SMBME349	Block Course	6
Bachelor/Master	BME 355 Pain - Mechanisms and clinical presentations	07SMBME355	Block Course	6
Bachelor/Master	BME 362 Pediatric Immunology	07SMBME362	Block Course	6
Bachelor/Master	BME 365 Cellular Modelling of Neuropsychiatry	07SMBME365	Block Course	6
Master	BEP 101 Pitch lectures & trainings	07SMBEP101	Course	2
Master	BEP 102 BioMed Entrepreneurship - From team to company	07SMBEP102	Block Course	6
Master	BEP 103 Corporate management of BioMed ventures	07SMBEP103	Block Course	6
Master	BEP 104 Legal requirements for BioMed ventures	07SMBEP104	Block Course	6



Master	BME 410 Scientific writing and publishing	07SMBME410a	Lecture with Practical Exercises	4
Master	BME 520 Integrated knowledge in Biomedicine	07SMBME520	Examination	6

## Chemistry

Study Level	Course Title	Course Number	Course Category	Credit Points (ECTS)
Bachelor	CHE 311 Multi-step Organic Syntheses	07SMCHE311	Practical Training	5
Bachelor	CHE 312 Experimental Coordination Chemistry and Analytics	07SMCHE312	Seminar, Practical Training	5
Bachelor	CHE 313 Practical course in Physical Chemistry II	07SMCHE313	Practical Training	5
Bachelor/Master	CHE 322 Physical Organic Chemistry	07SMCHE322	Lecture with Practical Exercises	4
Bachelor/Master	CHE 328 Green Chemistry	07SMCHE328	Lecture with Practical Exercises	4
Bachelor/Master	CHE 715 Data Analytics in Chemistry	07SMCHE715	Lecture with Practical Exercises	2
Bachelor/Master	CHE 719 Solid State and Structural Inorganic Chemistry	07SMCHE719	Course	1
Master	CHE 430 Electrochemistry	07SMCHE430	Lecture with Practical Exercises	5





Master	CHE 435 Medicinal Chemistry	07SMCHE435	Lecture with Practical Exercises	5
Master	CHE 436 Complex Molecule Assembly	07SMCHE436	Lecture with Practical Exercises	5
Master	CHE 437 Surface and Interface Science	07SMCHE437	Lecture with Practical Exercises	4
Master	CHE 713 Methods of Liquid and Solid State NMR in Organometallic Chemistry	07SMCHE713	Lecture with Practical Exercises	2
Master	CHE 714 Flow Chemistry	07SMCHE714	Lecture with Practical Exercises	2
Master	CHE 721 Theory and Application of Liquid- & Gas Chromatography	07SMCHE721	Lecture with Practical Exercises	1

## Computational Science

Study Level	Course Title	Course Number	Course Category	Credit Points (ECTS)
Bachelor/Master	ESC 401 High Performance Computing	07SMESC401	Exercise Group	6



## Crystallography

Study Level	Course Title	Course Number	Course Category	Credit Points (ECTS)
Bachelor/Master	KRI 101 Chemical Crystallography I	07SMKRI101	Lecture with Practical Exercises	2
Bachelor/Master	KRI 103 Chemical Crystallography practical course	07SMKRI103	Practical Training	2

## Earth System Science

Study Level	Course Title	Course Number	Course Category	Credit Points (ECTS)
Bachelor	ESS 385 Systems Analysis	07SMESS385	Block Course	3
Bachelor/Master	ESS 721 Urban Biogeography	07SMESS721	Lecture with Practical Exercises	3
Bachelor/Master	ESS 841 Analyzing the plant-soil system	07SMESS841	Seminar	3
Master	ESS 401 Current Themes in Earth System Science	07SMESS401	Lecture with Practical Exercises	3
Master	ESS 417 Earth System Observations and Analyses	07SMESS417	Lecture with Practical Exercises	5



## Epidemiology

Study Level	Course Title	Course Number	Course Category	Credit Points (ECTS)
Master	EPI 301 Introduction to Epidemiology	07SMEPI301	Course	3

## Geography

Study Level	Course Title	Course Number	Course Category	Credit Points (ECTS)
Bachelor/Master	GEO 232 Human Geography III (Geographies of Difference)	07SMGEO232	Course, Seminar	5
Bachelor/Master	GEO 363 Advanced Human Geography Vc (Critical reading and writing seminar)	07SMGEO363	Course	5
Bachelor/Master	GEO 418 Atmosphere and Climate	07SMGEO418	Lecture with Practical Exercises	6
Bachelor/Master	GEO 803 Solving Geospatial Problems using Matlab	07SMGEO803	Block Course	2
Master	GEO 410 Geography. Matters.	07SMGEO410	Course	4
Master	GEO 421 Critical Development Studies	07SMGEO421	Seminar	6
Master	GEO 423 Political Geography	07SMGEO423	Lecture with Practical Exercises	6
Master	GEO 432 Gender, Work and Space	07SMGEO432	Course, Exercise Group	6
Master	GEO 442 Specialization in Remote Sensing: Spectroscopy of the Earth System	07SMGEO442	Course, Exercise Group	6



Master	GEO 443 Specialisation in Remote Sensing: SAR and LIDAR	07SMGEO443	Course, Exercise Group	6
Master	GEO 463 Current challenges in plant-soil systems	07SMGEO463	Lecture with Practical Exercises	6
Master	GEO 475 Hydrological Modelling and Programming	07SMGEO475	Lecture with Practical Exercises	6
Master	GEO 802 Data Information Literacy	07SMGEO802	Block Course	1
Master	GEO 812 Getting started with R for spatial analysis	07SMGEO812	Block Course	1
Master	GEO 815 Quantification and modelling of the Cryosphere	07SMGEO815	Lecture with Practical Exercises	3
Master	GEO 851 Glacier Mass Balance Measurements and Analysis – from local observations to global assessments	07SMGEO851	Lecture with Practical Exercises	3
Master	GEO 871 Retrieving Geographic Information	07SMGEO871	Lecture with Practical Exercises	3
Master	GEO 872 Advanced Spatial Analysis I	07SMGEO872	Lecture with Practical Exercises	3
Master	GEO 873 Cognitive Issues in GIScience	07SMGEO873	Lecture with Practical Exercises	3
Master	GEO 874 Introduction to Databases	07SMGEO874	Course, Exercise Group	3
Master	GEO 875 Spatial Databases	07SMGEO875	Course, Exercise Group	3



Master	GEO 879 Mobility Issues in GIScience	07SMGEO879	Lecture with Practical Exercises, Exercise Group	3
Master	GEO 887 Agroecology and Food Systems	07SMGEO887	Lecture with Practical Exercises	6

### Interdisciplinary Brain Sciences

Study Level	Course Title	Course Number	Course Category	Credit Points (ECTS)
Master	IDB 143 Neurobiology	07SMIDB143	Lecture with Practical Exercises	2
Master	IDB 401 Brain Biology	07SMIDB401	Block Course	12
Master	IDB 402 Systems, Computation and Neural Technology	07SMIDB402	Block Course	12
Master	IDB 412 Introductory Course in Laboratory Animal Science (LTK Module 1 - Theory part)	07SMIDB412	Course	1

### Mathematics

Study Level	Course Title	Course Number	Course Category	Credit Points (ECTS)
Bachelor/Master	MAT 101 Programming	07SMMAT101	Course, Exercise Group	4



Bachelor/Master	MAT 512 Elliptic Curves	07SMMAT512	Course, Exercise Group	9
Bachelor/Master	MAT 602 Functional Analysis	07SMMAT602	Course, Exercise Group	9
Bachelor/Master	MAT 701 Topology	07SMMAT701	Course, Exercise Group	9
Bachelor/Master	MAT 820 Practical training in numerics	07SMMAT820	Seminar	3
Bachelor/Master	MAT 922 Probability II (probability theory)	07SMMAT922	Course	9
Bachelor/Master	MAT 933 Complex Networks Theory and Applications	07SMMAT933	Course, Exercise Group	6
Master	MAT 711 Hodge Theory and Algebraic Cycles	07SMMAT711	Course	6
Master	MAT 981 Seminar on Probability Theory	07SMMAT981	Seminar	3
Master	MAT 711 Hodge Theory and Algebraic Cycles	07SMMAT711	Course	6
Master	MAT 981 Seminar on Probability Theory	07SMMAT981	Seminar	3

## Neuroinformatics

Study Level	Course Title	Course Number	Course Category	Credit Points (ECTS)
Bachelor/Master	INI 404 Neuromorphic Engineering I	07SMINI404	Course, Exercise Group	6
Master	INI 431 Readings in Neuroinformatics	07SMINI431	Seminar	3
Master	INI 436 Bioelectronics and Biosensors	07SMINI436	Course, Exercise Group	6
Master	INI 502 Basics of instrumentation, measurement, and analysis	07SMINI502	Lecture with Practical Exercises	4



Master	INI 507 Deep Learning in Artificial and Biological Neuronal Networks	07SMINI507	Course	4
Master	INI 701 Neuroinformatics - Colloquia	07SMINI701	Colloquium	TBD

## Physics

Study Level	Course Title	Course Number	Course Category	Credit Points (ECTS)
Bachelor	PHY 211 Nuclear and Particle Physics I	07SMPHY211	Course	5
Bachelor	PHY 220 Solide State Physics Lab	07SMPHY220	Practical Training	2
Bachelor	PHY 311 Mechanics	07SMPHY311	Course, Exercise Group	8
Bachelor/Master	PHY 118 Physics I for natural sciences	07SMPHY118	Course	5
Bachelor/Master	PHY 231 Data Analysis	07SMPHY231	Course, Exercise Group	3
Master	PHY 401 Physics of Condensed Matter	07SMPHY401	Course, Exercise Group	10
Master	PHY 427 Electron microscopy lectures	07SMPHY427	Course	2
Master	PHY 452 Elementary Particle Theory	07SMPHY452	Course, Exercise Group	10
Master	PHY 461 Experimental Methods and Instruments of Particle Physics	07SMPHY461	Course, Exercise Group	6
Master	PHY 471 Physics and Mathematics of Radiotherapy Planning	07SMPHY471	Course, Exercise Group	6
Master	PHY 529 Advanced Topics in General Relativity and Gravitational Waves	07SMPHY529	Course, Exercise Group	6
Master	PHY 551 Quantum Field Theory I	07SMPHY551	Course, Exercise Group	10



Master	PHY 578 Effective Field Theories for Particle Physics	07SMPHY578	Lecture with Practical Exercises, Exercise Group	6
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### Statistics

Study Level	Course Title	Course Number	Course Category	Credit Points (ECTS)
Bachelor/Master	STA 121 Statistical Modeling	07SMSTA121	Course, Exercise Group	5
Bachelor/Master	STA 390 Statistical Practice	07SMSTA390	Practical Training	4
Bachelor/Master	STA 402 Likelihood Inference	07SMSTA402	Course, Exercise Group	5
Bachelor/Master	STA 406 Generalized Regression	07SMSTA406	Course, Exercise Group	5
Bachelor/Master	STA 426 Statistical Analysis of High- Throughput Genomic and Transcriptomic Data	07SMSTA426	Course, Exercise Group	5
Bachelor/Master	STA 472 Good Statistical Practice	07SMSTA472	Course	4
Master	STA 490 Statistical Consulting	07SMSTA490	Seminar	6
Master	STA 499 Master exam	07SMSTA499	Examination	3





## Excerpt of Courses Taught in English at the Faculty of Theology

### Study of Religion

Study Level	Course Title	Course Number	Course Category	Credit Points (ECTS)
Master	Debates and Challenges in Muslim Societies and Communities	01SM43LM002	Independent Study	3
Master	Digital religion	01SM43LM004	Independent Study	3
Master	HVRW MA-Seminar: Contact and transformation	01SM54LM001	Seminar	3
Master	Digital religion	01SM43LM004	Independent Study	3
Master	Theories of society and religion in Asia and Middle East	01SM42LM004	Independent Study	3
Master	Women in Islam	01SM43LM003	Independent Study	3

### Theology

Study Level	Course Title	Course Number	Course Category	Credit Points (ECTS)
Bachelor/Master	OT Seminar: The Book of the Twelve and Archaeology	01SM14SS021	Seminar	3
Bachelor/Master	OT Seminar: The Weird, Wonderful, and Terrible in the Hebrew Bible	01SM14SS023	Seminar	3
Bachelor/Master	OT Lecture: Mishnaic Hebrew and Early Rabbinic Literature	01SM14SV021	Lecture	3
Master	Advanced Module: Institutions, Associations, Religious Communities, Lecture	01SM020618	Lecture	3