



Courses taught in English

Spring semester 2023





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

Communication and Media Research

Study Level	Course Title	Course Number	Course Category	Credit Points (ECTS)
Bachelor	Media Management	06SM254i004	Lecture	3
Bachelor	Digital Inequalities and Platforms	06SM254i003	Lecture	3
Bachelor	International Media Systems	06SM254i103	Seminar	6
Bachelor	Methods to study Internet Use	06SM254i101	Seminar	6
Bachelor	Strategic Science Communication: Actors, Audiences, and Effects	06SM254i102	Seminar	6
Bachelor	Too much Information or Everything I Need. Challenges and Chances of the Increased Information Flow	06SM254i104	Seminar	6
Master	Artificial Intelligence, Big Data, and Social Media Analysis	06SM254i503	Lecture	6
Master	Digital Inequality	06SM254i504	Lecture	6
Master	Online Journalism	06SM254i602	Seminar	6
Master	Digital Transformation of Journalism	06SM248i630a	Seminar	6
Master	The Digital Trinity: Datafication – Algorithmization – Platformization	06SM248i631	Seminar	6

Computational Linguistics

Study Level	Course Title	Course Number	Course Category	Credit Points (ECTS)
Bachelor	Focus on Phonetics and Phonology	06SM521-020	Seminar	6



Bachelor/Master	Text Analytics in the Digital Humanities	06SM521-014	Seminar	6
Master	Experiments with speech	06SM521-526	Seminar	6
Master	Fundamentals of speech sciences and signal processing	06SM521-519	Course	6
Master	Instrumental techniques of phonetic research	06SM521-520	Exercise Group	6
Master	Intermediate Methods and Programming in Digital Linguistics	06SM521-529	Lecture with Practical Exercises, Tutorial	6
Master	Machine Learning for Natural Language Processing 2	06SM521-506	Lecture with Practical Exercises	6
Master	Phonetic variation	06SM521-522	Exercise Group	6
Master	The sounds of the world's languages	06SM521-525	Course	6

East Asian Studies

Study Level	Course Title	Course Number	Course Category	Credit Points (ECTS)
Bachelor	South Asian Society in Regional Contexts	06SM330-252	Seminar	6
Master	Asia and the Middle East in Current Debates	06SM278-503	Exercise Group	6

English Language and Literature

Study Level	Course Title	Course Number	Course Category	Credit Points (ECTS)
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Bachelor	English Literature: Textual Analysis	06SM440-020	Course, Seminar	9
Bachelor	Focus on Language and the Mind	06SM440-124	Seminar	6
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	Guided Reading in Literary Studies	06SM440-400	Independent Study	3
Bachelor	History of the English Language 2: Focus on Middle English	06SM440-110	Course, Seminar	6
Bachelor	Introduction to English Linguistics	06SM440-010	Course, Seminar	9
Bachelor	Language Skills and Culture: Introduction	06SM440-030	Course, Exercise Group	12
Bachelor	Literary and Cultural Analysis: (Post-)Colonial Perspectives	06SM440-228	Seminar	6
Bachelor	Literary and Cultural Analysis: Identities	06SM440-229	Seminar	6
Bachelor	Literary and Cultural Analysis: Intermediality	06SM440-227	Seminar	6
Bachelor	Literary and Cultural Analysis: Introduction to Theory	06SM440-225	Seminar	6
Bachelor	Literary and Cultural Analysis: Texts and Their Afterlives	06SM440-226	Seminar	6
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	Writing Skills and Media Analysis	06SM440-300	Exercise Group	6
Master	Language Skills for Teachers	06SM440-810	Exercise Group	3
Master	Methods and Theories in English Linguistics	06SM440-500	Seminar	6



Master	Reading Literary and Critical Theory	06SM440-550	Seminar	6
Master	Writing Skills and Popular Culture	06SM440-800	Exercise Group	6

German Language and Literature

Study Level	Course Title	Course Number	Course Category	Credit Points (ECTS)
Bachelor	Focus on Phonetics and Phonology	06SM521-020	Seminar	6
Master	Bible translation in medieval England	06SM440i502	Seminar	9
Master	The language of Chaucer and other Londoners	06SM440h504	Seminar	9
Master	Variation and change in the history of the English lexicon	06SM440i509	Lecture	3
Master	Phonetic variation	06SM521-522	Exercise	6

Philosophy

Study Level	Course Title	Course Number	Course Category	Credit Points (ECTS)
Bachelor	Cognition, Emotion, and Communication	06SM160i025	Seminar	6
Bachelor	Presenting and debating	06SM160-008	Exercise Group	3
Bachelor/Master	Feminist Political Philosophy	06SM160i020	Seminar	6
Bachelor/Master	Introduction to Aesthetics - modern and contemporary theories of art	06SM160i033	Seminar	6
Bachelor/Master	Introduction to the Philosophy of Race	06SM160i028	Seminar	6
Bachelor/Master	Liberalism	06SM160i022	Seminar	6
Bachelor/Master	The Ethics of Policing: Criminalization, Race, and Social Control	06SM160i029	Seminar	6



Bachelor/Master	Theories of Truth	06SM160i024	Seminar	6
Master	20th Century Philosophy of Science	06SM164i505	Seminar	6
Master	Camille Paglia: Provocations	06SM160i520	Seminar	6
Master	Ethics, Sustainability and Financial Markets	06SM163i505	Seminar	6
Master	Philosophy of Law	06SM160i522	Seminar	6

Political Science

Study Level	Course Title	Course Number	Course Category	Credit Points (ECTS)
Bachelor	Comparative Politics (Seminar)	06SM615-002	Seminar	6
Bachelor	Current Issues of Political Sciences (Lecture)	06SM615-034	Course	3
Bachelor	Democracy Studies (Seminar)	06SM615-012	Seminar	6
Bachelor	European Politics (Lecture)	06SM615-031	Course	3
Bachelor	International Politics (Seminar)	06SM615-010	Seminar	6
Bachelor	Political Behavior (Seminar)	06SM615-006	Seminar	6
Bachelor	Political Processes and Public Policy (Seminar)	06SM615-008	Seminar	6
Bachelor	Public Choice (Seminar)	06SM615-005	Seminar	6
Bachelor	Swiss Politics (Seminar)	06SM615-013	Seminar	6
Bachelor/Master	Conflict and Security (Lecture)	06SM615-024	Course	3
Master	Research Design	06SM615-504	Course	6
Master	Research Seminar Democracy, Development and International Relations	06SM615-502	Seminar	6
Master	Research Seminar Political Economy and Philosophy	06SM615-506	Seminar	6



Psychology

Study Level	Course Title	Course Number	Course Category	Credit Points (ECTS)
Bachelor	Healthy Longevity and Innovation	06SM200i202c	Seminar	4
Bachelor	Personality Disorders - Theories, Findings and Therapeutic Possibilities	06SM200i404x	Seminar	4
Bachelor	Psychopathology in the movies	06SM200i404f	Seminar	4
Bachelor	The multiplicity of mental disorders in different cultures	06SM200i404e	Seminar	4
Bachelor	The Psychology of Human-Animal Intergroup Relations	06SM200i303a	Seminar	4
Master	Culture and Personality	06SM200i580	Seminar	4
Master	For better or worse: Identifying mechanisms of behaviour change	06SM200i703h	Seminar	4
Master	Generating and testing explanations of brain and behavior: the good, the bad and the ugly	06SM200i800i	Seminar	4
Master	Humans versus algorithms: When minds meet machines in the domain of forecasting	06SM200i551	Seminar	4
Master	Language and Thought	06SM200i573	Seminar	4
Master	Listening	06SM200i703g	Seminar	4
Master	New Frontiers in Youth Research: Unhealthy and Risky Behaviors During Adolescence	06SM200i579	Seminar	4
Master	Personality stability and change across the lifespan	06SM200i590	Seminar	4
Master	Prolonged grief disorder and adjustment disorders - new research and therapeutic approaches	06SM200i702l	Seminar	4
Master	Social relationships and health	06SM200i701f	Seminar	4
Master	The psychology of language	06SM200i578	Seminar	4
Master	Using simulations to challenge your intuitions about cognitive theories	06SM200i703b	Seminar	4



Master	Witnesses' Memory and Interviewing	06SM200i577	Seminar	4
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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 Anthropology

Study Level	Course Title	Course Number	Course Category	Credit Points (ECTS)
Bachelor	Anthropology and Science-Fiction	06SM721i321	Seminar	6
Bachelor	The Ethics of Including Non-human Others in Anthropology	06SM721i324	Seminar	6
Bachelor/Master	Lecture Series in Social Anthropology Spring Semester 2023	06SM721i507	Colloquium	3
Master	Anthropology of Asia and the Middle East	06SM721-770	Seminar	6
Master	Cognitive Anthropology of Belief	06SM721i655	Seminar	6
Master	Fieldwork	06SM721-553	Module without Credits	6
Master	Methods and Research Design	06SM721-550	Seminar	6
Master	Tracking Globalization	06SM721i604	Seminar	6

Sociology

Study Level	Course Title	Course Number	Course Category	Credit Points (ECTS)
Bachelor/Master	Class and Gender Inequalities in a Comparative Perspective	06SM240h509	Seminar	6
Bachelor/Master	Inequalities in Education	06SM240h504	Seminar	6
Bachelor/Master	Knowledge Capitalism	06SM240h015	Seminar	6
Bachelor/Master	Markets and Norms	06SM240h508	Seminar	6



Bachelor/Master	Occupational Choice and Job Mobility: Why You Work Where You Work	06SM240h512	Seminar	6
Bachelor/Master	Political Sociology of Dictatorship and Democracy	06SM240h002	Seminar	6
Bachelor/Master	Sociology of Dystopias	06SM240h011	Seminar	6
Bachelor/Master	Sociology of the Family	06SM240h503	Seminar	6
Master	Communicating Science: Seminar on Writing Quantitative Papers	06SM240h501	Seminar	3
Master	Current Sociological Research	06SM240-507	Colloquium	3
Master	Quantitative Methods	06SM271-516	Lecture with Practical Exercises	6



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

Business Administration

Study Level	Course Title	Course Number	Course Category	Credit Points (ECTS)
Bachelor	Corporate Entrepreneurship (S)	03SM22BO0083	Seminar	3
Bachelor	Emotions and Moods in Organizations (S)	03SM22BO0087	Seminar	3
Bachelor	Financial Reporting (L+E)	03SM22BO0013	Lecture with Practical Exercises	3
Bachelor	Introduction to Operations Management (L)	03SM22BO0109	Course	3
Bachelor	Introduction to Strategic Management (L+E)	03SM22BO0084	Lecture with Practical Exercises	6
Bachelor	Marketing Analytics (L+E)	03SM22BO0064	Lecture with Practical Exercises	3
Bachelor	Personal Branding Applications (S)	03SM22BO0063	Seminar	3
Bachelor	R - a non-technical introduction with applications to Marketing (L)	03SM22BO0065	Course	3
Master	Advanced Financial Accounting (L+E)	03SM22MO0124	Lecture with Practical Exercises	6
Master	Applied Empirical Methods for Business Administration	03SM22MO0006	Examination	6
Master	Business Economics Research Seminar FS23	03SMDOEC1062	Seminar	3
Master	Contemporary Readings on Behavior in Organizations (S) FS23	03SMDOEC1068	Seminar	3
Master	Corporate Social Responsibility (S)	03SM22MO0155	Seminar	3



Master	Current Topics in OT and Strategy – Power in Organizations (S)	03SMDOEC1025	Seminar	3
Master	Deterministic Methods in Operations Research (L+E)	03SM22MO0178	Lecture with Practical Exercises	6
Master	Economics of Gender in Education and Labor Markets (S)	03SM22MO0159	Seminar	6
Master	Empirical Financial Accounting (L)	03SM22MO0150	Course	3
Master	Following Research in Operations Management (S)	03SMDOEC1083	Seminar	3
Master	Introduction to Mergers and Acquisitions (L)	03SM22MO0138	Course	3
Master	Introduction to Operations Research: Stochastic Models (L+E)	03SM22MO0123	Lecture with Practical Exercises	6
Master	Making a theory contribution in management research (S)	03SMDOEC0973	Seminar	3
Master	Management and Marketing in the Entertainment Industry (L)	03SM22MO0116	Course	3
Master	Managing Education and Training in Firms/ for Firms (L)	03SM22MO0122	Course	3
Master	Marketing Experiments (S)	03SM22MO0156	Seminar	3
Master	Matching and Researching Large Administrative Data in Economics of Education (S)	03SMDOEC1079	Seminar	3
Master	ME2: The Economics of Innovation (L+E)	03SM22MO0002	Course, Exercise Group	6
Master	ME3: Organizational Economics (L+E)	03SM22MO0003	Course, Exercise Group	6
Master	Organization Theories (L)	03SM22MO0160	Course	3
Master	Personnel and Education Economics: Theoretical and Empirical Analyses, Part 1 (S)	03SM22MO0121	Seminar	6
Master	Personnel Management in Entrepreneurial Firms (S)	03SM22MO0137	Seminar	3
Master	R - a non-technical introduction to big data techniques, team work and interactive visualization with applications to Marketing (L)	03SM22MO0120	Course	3



Master	Randomized Experiments in Economics of Education (S)	03SMDOEC0316	Seminar	3
Master	Sustainable Operations Management (L+E)	03SM22MO0179	Lecture with Practical Exercises	6
Master	The Economics of Sports: Current Research Topics (S)	03SM22MO0115	Seminar	3
Master	The emotionally intelligent organization (S)	03SM22MO0144	Seminar	3
Master	Workshop in Multilevel Analysis (S)	03SMDOEC1055	Seminar	2

Economics

Study Level	Course Title	Course Number	Course Category	Credit Points (ECTS)
Bachelor	Behavioral Economics (L) (Verhaltensökonomie)	03SM22BO0067	Course	3
Bachelor	Gender Economics (L)	03SM22BO0070	Course	3
Bachelor	Introduction to Health Economics (L)	03SM22BO0071	Course	3
Bachelor	Monetary Macroeconomics (L)	03SM22BO0081	Course	3
Bachelor	Pioneering Economics: The Department of Economics at UZH (L)	03SM22BO0079	Course	3
Bachelor	Global Policy Analysis: Poverty, Development, Growth (L+E)	03SM22BO0093	Course, Exercise Group	6
Bachelor	Intermediate Econometrics (L+E)	03SM22BO0060	Course, Exercise Group	6
Bachelor	International Trade (L+E)	03SM22BO0090	Course, Exercise Group	6
Bachelor	Introduction to Market Design (L+E)	03SM22BO0110	Course, Exercise Group	6
Bachelor	Labor Markets, Inequality and Welfare State Programs (S)	03SM22BO0107	Seminar	3



Bachelor	Seminar in Smart Contracts and Blockchain Technology FS23	03SM22BO0075	Seminar	3
Bachelor	Workshop and Lecture Series in Law and Economics (S)	03SM22BO0099	Seminar	3
Master	Evaluating Social Impact with Field Experiments (L)	03SMDOEC1084	Course	3
Master	Introduction to History of Business Cycle Analysis (L)	03SM22MO0165	Course	3
Master	Introduction to the Philosophy of Economics (L)	03SM22MO0161	Course	3
Master	Advanced Industrial Economics (L+E)	03SM22MO0171	Course, Exercise Group	6
Master	Advanced Microeconomics II (L+E)	03SM22MO0014	Course, Exercise Group	6
Master	Behavioral Public Economics: Foundations and Applications (L+E)	03SM22MO0119	Course, Exercise Group	6
Master	Firms in Trade and Macro (L+E)	03SM22MO0112	Course, Exercise Group	6
Master	Time Series Analysis (L+E)	03SM22MO0166	Course, Exercise Group	6
Master	Behavioral Economics: An Introductory Course (L+E)	03SM22MO0162	Course, Exercise Group	6
Master	Econometrics for Policy Analysts (L+E)	03SM22MO0168	Course, Exercise Group	6
Master	International Macroeconomics (L+E)	03SM22MO0013	Course, Exercise Group	6
Master	PhD Course: Topics in Experimental and Behavioral Economics (L+E)	03SMDOEC0596	Course, Exercise Group	3
Master	Social Choice Theory (L+E)	03SM22MO0147	Lecture with Practical Exercises	6
Master	Behavioral Lab Meeting (S)	03SMDOEC0764	Seminar	
Master	Big Data Methods for Economists (S)	03SM22MO0163	Seminar	3



Master	Decision Neuroscience (S)	03SMDOEC0133	Seminar	3
Master	Development Doctoral Workshop	03SMDOEC0949	Seminar	
Master	Econ Faculty Lunch Seminar	03SMDOEC6124	Seminar	
Master	Econometrics Seminar	03SMDOEC6120	Seminar	
Master	Empirical Micro Doctoral Seminar (S)	03SMDOEC6113	Seminar	
Master	Empirical Microeconomics Seminar (S)	03SMDOEC6111	Seminar	
Master	Experimental and Behavioral Economics Seminar	03SMDOEC0638	Seminar	3
Master	Experimental Project Design FS23 (S)	03SMDOEC1064	Seminar	3
Master	History of Business Cycle Theory seminar (S)	03SM22MO0164	Seminar	3
Master	KOF ETH UZH Seminar in International Economic Policy	03SMDOEC1028	Seminar	
Master	Macro Reading Group (S)	03SMDOEC6125	Seminar	
Master	Macroeconomics and International Trade Seminar (S)	03SMDOEC6090	Seminar	
Master	Macroeconomics Doctoral Seminar FS23	03SMDOEC1065	Seminar	3
Master	Microeconomics Seminar (ETH/UZH) (S)	03SMDOEC6089	Seminar	
Master	Neuroeconomics Seminar (S) (Foundations of Human Social Behavior)	03SMDOEC0526	Seminar	3
Master	Short Course Writing (in) Economics (S)	03SMDOEC0724	Seminar	1
Master	Topics in Time Series Analysis (S)	03SM22MO0167	Seminar	3
Master	Zurich GSE Short Course FS23	03SMDOEC1077	Seminar	1
Master	Zurich GSE third-year seminar FS23	03SMDOEC1063	Seminar	1

Banking and Finance

Study Level	Course Title	Course Number	Course Category	Credit Points (ECTS)
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Bachelor	Emerging Market Finance (S)	03SM22BO0086	Seminar	3
Bachelor	Finance for the Future: Investments, Sustainable Finance and FinTech (Summer School) (S)	03SM22BO0069	Seminar	6
Bachelor	Introduction to Machine Learning (S)	03SM22BO0085	Seminar	3
Master	Advanced Banking (L)	03SM22MO0017	Course	6
Master	Advanced Corporate Finance II (L)	03SM22MO0173	Course	3
Master	Advanced Valuation I and II (S)	03SM22MO0148	Seminar	6
Master	Advances in Computational Economics and Finance FS23 (S)	03SMDOEC1067	Seminar	3
Master	Applied Credit Risk Modeling (S)	03SM22MO0140	Seminar	3
Master	Applied Quantitative Finance (S)	03SM22MO0141	Seminar	3
Master	Asset Pricing (L)	03SMDOEC0480	Course	9
Master	Banking and Contract Economics (S)	03SMDOEC0481	Seminar	9
Master	Behavioral Finance and Private Banking (L)	03SM22MO0131	Course	3
Master	Blockchain (L+E)	03SM22MO0133	Seminar	3
Master	Climate change and finance: metrics to assess risks and opportunities (S)	03SMDOEC0828	Seminar	3
Master	Continuous Time Quantitative Finance (L)	03SM22MO0125	Course	3
Master	Corporate Risk and Resilience - how future leaders can navigate the risk landscape (L)	03SM22MO0110	Course	3
Master	Crunchpoints in seriously large banking/ payment-IT-projects (L+E)	03SM22MO0126	Lecture with Practical Exercises	3
Master	Derivatives portfolio valuations: advanced computational methods for real world business applications	03SM22MO0111	Lecture with Practical Exercises	3
Master	Empirical Corporate Finance (S)	03SMDOEC0478	Seminar	6



Master	Empirical Methods in Sustainable Banking (L)	03SM22MO0152	Course	3
Master	ESG Competition (S)	03SM22MO0107	Seminar	3
Master	Financial Engineering (L+E)	03SM22MO0142	Course	6
Master	Investments – Selected Quantitative Tools (L)	03SM22MO0108	Course	3
Master	Market Microstructure (S)	03SM22MO0132	Seminar	3
Master	Microeconomics of Insurance II (L)	03SM22MO0139	Course	3
Master	Portfolio Management Implementation II	03SM22MO0129	Seminar	6
Master	Portfolio Management Theory 2 (S)	03SM22MO0128	Seminar	3
Master	Quantitative Finance (L+E)	03SM22MO0015	Course, Exercise Group	6
Master	Real Estate Finance (L)	03SM22MO0130	Course	3
Master	Regulatory Challenges in Financial Markets: From Banking and Insurance to Blockchain (L)	03SM22MO0134	Course	3
Master	Risk Measures with Applications (L)	03SM22MO0180	Course	3
Master	Sentiment Analytics (L)	03SM22MO0136	Course	3
Master	Sustainable Investing (L)	03SM22MO0106	Course	3
Master	The Risk and Finance Lab (S)	03SM22MO0109	Seminar	6
Master	Theory of Financial Intermediation and Banking (S)	03SM22MO0151	Seminar	3
Master	Topics in Time Series Econometrics (L)	03SM22MO0153	Course	6
Master	Writing for publication in Banking and Finance FS23	03SMDOEC1070	Seminar	1

Informatics

Study Level	Course Title	Course Number	Course Category	Credit Points (ECTS)
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Bachelor	Business Informatics I (L+E) (Wirtschaftsinformatik I)	03SM22BI0013	Lecture with Practical Exercises	3
Bachelor	Computer Engineering and Software Systems (L)	03SM22BI0019	Course	6
Bachelor	Deep Dive into Blockchain – Linking Economics, Technology and Law (Summer School) (S)	03SM22BO0102	Seminar	6
Bachelor	Introduction to Artificial Intelligence (L+E)	03SM22BI0018	Lecture with Practical Exercises	6
Bachelor	Seminar: Advanced Software Engineering (BSc)	03SM22BIS010	Seminar	3
Bachelor	Seminar: Advanced Topics in Economics and Computation (BSc)	03SM22BIS014	Seminar	3
Bachelor	Seminar: Communication Systems (BSc)	03SM22BIS015	Seminar	3
Bachelor	Seminar: Human-Computer Interaction (BSc)	03SM22BIS011	Seminar	3
Bachelor	Seminar: Information Systems (BSc)	03SM22BIS012	Seminar	6
Bachelor	Seminar: Interactive Visual Data Analysis (BSc)	03SM22BIS007	Seminar	3
Bachelor	Seminar: Programming Languages and Paradigms (BSc)	03SM22BIS009	Seminar	3
Bachelor	Social Computing (L+E)	03SM22BI0010	Lecture with Practical Exercises	6
Bachelor	Software Engineering (L+E)	03SM22BI0011	Lecture with Practical Exercises	3
Bachelor	Software Engineering Lab (Softwarepraktikum)	03SM22BI0012	Practical Training	6
Bachelor/Master	Computer Graphics (L+E)	03SM22BMI007	Lecture with Practical Exercises	6



Bachelor/Master	CSCW (L+E)	03SM22BMI004	Lecture with Practical Exercises	6
Bachelor/Master	Data Visualization Concepts (L+E)	03SM22BI0008	Lecture with Practical Exercises	3
Bachelor/Master	Database Systems (L+E) (Datenbanksysteme)	03SM22BI0009	Lecture with Practical Exercises	6
Bachelor/Master	Foundations of Computing I (L+E) (Formale Grundlagen der Informatik I)	03SM22AINF05	Lecture with Practical Exercises	6
Bachelor/Master	Human-Computer Interaction (L+E)	03SM22BMI005	Lecture with Practical Exercises	6
Bachelor/Master	Mobile Communication Systems (L+E)	03SM22BMI008	Lecture with Practical Exercises	6
Master	Advanced Machine Learning (L+E)	03SM22MI0034	Lecture with Practical Exercises	6
Master	Advanced Software Engineering (L+E)	03SM22MI0026	Lecture with Practical Exercises	6
Master	Applied inferential statistics for data scientists (S)	03SMDINF2034	Seminar	3
Master	Blockchains and Overlay Networks (L+E)	03SM22MI0035	Lecture with Practical Exercises	6



Master	Deep Learning (L+E)	03SM22MI0027	Lecture with Practical Exercises	6
Master	Digital technologies in medicine (L) (Digitale Technologien in der Medizin)	03SM22MI0031	Course	3
Master	Efficient Algorithms for Frequently Asked Questions (L+E)	03SMDINF1132	Lecture with Practical Exercises	3
Master	Foundations of Programming Languages and Program Analysis (L+E)	03SM22MI0024	Lecture with Practical Exercises	6
Master	IT Security (L)	03SM22MI0032	Course	3
Master	Seminar: Advanced Software Engineering (MSc)	03SM22MIS010	Seminar	3
Master	Seminar: Advanced Topics in Economics and Computation(MSc)	03SM22MIS014	Seminar	3
Master	Seminar: Blockchain Programming (MSc)	03SM22MIS006	Seminar	3
Master	Seminar: Communication Systems (MSc)	03SM22MIS015	Seminar	3
Master	Seminar: Ethical, legal and social aspects of cybersecurity (MSc)	03SM22MIS102	Seminar	3
Master	Seminar: Human-Computer Interaction (MSc)	03SM22MIS011	Seminar	3
Master	Seminar: Information Systems (MSc)	03SM22MIS012	Seminar	6
Master	Seminar: Interactive Data Science in Digital Health (MSc)	03SM22MIS101	Seminar	3
Master	Seminar: Interactive Visual Data Analysis (MSc)	03SM22MIS007	Seminar	3
Master	Seminar: Programming Languages and Paradigms (MSc)	03SM22MIS009	Seminar	3
Master	Seminar: Readings in Knowledge Graphs (MSc)	03SM22MIS104	Seminar	3
Master	Systems for Data Science (L+E)	03SM22MI0030	Lecture with Practical Exercises	6



Master	Web and mobile accessibility (L+E)	03SM22MI0029	Lecture with Practical Exercises	3
Master	XML and Databases (L)	03SM22MI0025	Course	3



Excerpt of Courses Taught in English at the Faculty of Law

Law

Study Level	Course Title	Course Number	Course Category	Credit Points (ECTS)
Master	Climate Change Law	02SM90WM41	Course	6
Master	Comparative Administrative Law	02SM90CL1	Course	6
Master	Comparative Civil Procedure	02SM90CL2	Course	6
Master	Contemporary History of Law	02SM90GL2	Course	6
Master	Cross-Border Litigation / Complex Procedure	02SM90IL1	Course	6
Master	European Economic Law	02SM90CL6	Course	6
Master	European Institutions	02SM90IL4	Course	6
Master	European Private Law	02SM90IL5	Course	6
Master	History of International Law	02SM90GL7	Course	6
Master	International Commercial Arbitration	02SM90IL7	Course	6
Master	International Criminal Law	02SM90IL8	Course	6
Master	International Economic Law	02SM90IL9	Course	6
Master	International Financial Law	02SM90IL10	Course	6
Master	International Human Rights	02SM90IL11	Course	6
Master	Internet Law	02SM90WM52	Course	6
Master	Introduction to Sports Law	02SM90WM54	Course	6
Master	Introduction to U.S. Business Law	02SM90CL7	Course	6



Master	Introduction to U.S. Civil Procedure	02SM90CL8	Lecture with Practical Exercises	6
Master	Legal History (MLaw)	02SM90GL11	Course	6
Master	Legal Sociology (MLaw)	02SM90GL13	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 202 The Universe: Contents, Origin, Evolution and Future	07SMAST202	Course, Exercise Group	5
Bachelor/Master	AST 210 Astronomy Field Trips	07SMAST210	Field Trip	3
Bachelor/Master	AST 231 Astronomy practicum: II	07SMAST232	Practical Training	6
Bachelor/Master	AST 243 Computational Astrophysics Project	07SMAST243n	Practical Training	5
Bachelor/Master	AST 248 The Sun and Planets	07SMAST248	Course, Exercise Group	5
Bachelor/Master	AST 295 Astrobiology Proseminar	07SMAST295	Seminar	2
Bachelor/Master	AST 513 Physical Cosmology	07SMAST513	Course, Exercise Group	10
Master	AST 001 Research Seminar Theoretical Astrophysics	07SMAST001	Seminar	
Master	AST 006 Students Seminar	07SMAST006	Seminar	
Master	AST 007 Galaxy and star formation	07SMAST007	Seminar	
Master	AST 547 Research seminar in Astrophysics	07SMAST547	Seminar	2
Master	AST 801 Astrophysical thinking FS	07SMAST801	Seminar	2

Biochemistry

Study Level	Course Title	Course Number	Course Category	Credit Points (ECTS)
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Bachelor	BCH 252 RNA and Proteins: Post- translational regulation of gene expression	07SMBCH252	Course	3
Bachelor/Master	BCH 308 Experimental Biochemistry	07SMBCH308	Block Course	6
Bachelor/Master	BCH 630 Protein crystallography and electron microscopy	07SMBCH630	Lecture with Practical Exercises	3
Bachelor/Master	BCH315 Setting-up an individual protocol	07SMBCH315	Practical Training	4
Bachelor/Master	BCH 304 Protein Biophysics	07SMBCH304	Course	6
Bachelor/Master	BCH 306 Biochemical and Biophysical Methods	07SMBCH306	Block Course	12
Master	BCH 309 Experimental Biochemistry (Master course Medical Biology)	07SMBCH309	Block Course	6
Master	BCH 405 Research seminar (invited speakers)	07SMBCH405	Seminar	1

Biology

Study Level	Course Title	Course Number	Course Category	Credit Points (ECTS)
Bachelor	BIO 125 Development of Multicellular Systems	07SMBIO125	Course, Practical Training	3
Bachelor	BIO 249 Research Internship in Quantitative and Systems Biology	07SMBIO249	Practical Training	4
Bachelor	BIO 259 Research Internship in Molecular and Cellular Biology	07SMBIO259	Practical Training	4
Bachelor	BIO 269 Research Internship in Paleontology (in the research groups 4- 12 weeks)	07SMBIO269	Practical Training	4
Bachelor	BIO 357 Research Internship in Ecology	07SMBIO357	Practical Training	4
Bachelor	BIO 358 Research Internship in Animal Behaviour	07SMBIO358	Practical Training	4
Bachelor	BIO 381 Research Internship Immunology	07SMBIO381	Practical Training	4
Bachelor	BIO 382 Research internship in Virology	07SMBIO382	Practical Training	4
Bachelor	BIO 780 Museum Internship	07SMBIO780	Practical Training	4



Bachelor/Master	BIO 144 Data analysis in biology	07SMBIO144	Lecture with Practical Exercises, Practical Training	5
Bachelor/Master	BIO 148 Introduction to Paleontology	07SMBIO148	Lecture with Practical Exercises	3
Bachelor/Master	BIO 206 Modelling cultural evolution: Introduction to mixed-effects models, network analysis and agent-based simulations	07SMBIO206	Block Course	6
Bachelor/Master	BIO 209 Discovering Statistics using R	07SMBIO209	Block Course	6
Bachelor/Master	BIO 211 Primate Behavior - Empirical Research	07SMBIO211	Block Course	6
Bachelor/Master	BIO 212 Human Evolutionary Genetics: Origins, Peoples and Disease	07SMBIO212	Course	2
Bachelor/Master	BIO 216 Primate origins of human sociality, cognition, and mind	07SMBIO216n	Course	3
Bachelor/Master	BIO 221 Flowers and Pollinators	07SMBIO221	Block Course	6
Bachelor/Master	BIO 223 Field Course Evolutionary Biology Orchid and flower biology excursion (Orchideen- und blütenbiologische Exkursion)	07SMBIO223	Field Trip	1
Bachelor/Master	BIO 239 Organisms of the tidal coast: Algae and invertebrates	07SMBIO239	Block Course	4
Bachelor/Master	BIO 244 Signal transduction and cancer	07SMBIO244	Block Course	6
Bachelor/Master	BIO 245 Cell Signaling	07SMBIO245	Block Course	6
Bachelor/Master	BIO 247 Cellular Response to Genotoxic Stress	07SMBIO247	Block Course	6
Bachelor/Master	BIO 248 Functional Assessment of Human Spinal Cord Injury	07SMBIO248	Block Course	6
Bachelor/Master	BIO 262 Evolutionary Morphology of Vertebrates - Issues and Methods	07SMBIO262	Block Course	6
Bachelor/Master	BIO 265 Evolution and Paleobiology of Plants	07SMBIO265	Lecture with Practical Exercises	2
Bachelor/Master	BIO 272 Paleobiology and Phylogeny of Amphibiens and Reptiles	07SMBIO272	Course	1
Bachelor/Master	BIO 279 Paleontological Excursions (on weekends)	07SMBIO279	Field Trip	1



Bachelor/Master	BIO 288 Mechanisms of plant disease resistance against fungal pathogens	07SMBIO288	Block Course	6
Bachelor/Master	BIO 289 Mechanisms of Plant-Microbe Interactions	07SMBIO289	Block Course	6
Bachelor/Master	BIO 290 Aquatic microbial ecology	07SMBIO290	Block Course	6
Bachelor/Master	BIO 292 Human and veterinary medical Bacteriology	07SMBIO292	Block Course	6
Bachelor/Master	BIO 295 Agroecology, Food Security & Sustainable Production	07SMBIO295	Lecture with Practical Exercises	3
Bachelor/Master	BIO 300 Systematics of flowering plants	07SMBIO300	Block Course	2
Bachelor/Master	BIO 312 Species Conservation and Management	07SMBIO312	Course	2
Bachelor/Master	BIO 326 Modern Concepts in Animal Development, Evolution and Disease	07SMBIO326	Block Course	12
Bachelor/Master	BIO 328 Neurobiology	07SMBIO328	Block Course	12
Bachelor/Master	BIO 329 Ecology	07SMBIO329	Block Course	12
Bachelor/Master	BIO 330 Modelling in Biology	07SMBIO330	Block Course	6
Bachelor/Master	BIO 334 Practical Bioinformatics	07SMBIO334	Block Course	6
Bachelor/Master	BIO 339 Plant Adaptation	07SMBIO339	Block Course	6
Bachelor/Master	BIO 341 Field course in Evolutionary Biology of Marine Mammals Shark Bay, Western Australia	07SMBIO341	Field Trip	4
Bachelor/Master	BIO 342 Comparative Behavioural Neuroscience	07SMBIO342	Lecture with Practical Exercises	3
Bachelor/Master	BIO 347 Concepts in Developmental Biology: From Cells to Animals	07SMBIO347	Course	3
Bachelor/Master	BIO 349 Behavioral Endocrinology	07SMBIO349	Lecture with Practical Exercises	2
Bachelor/Master	BIO 353 Animal Behaviour Field Studies	07SMBIO353	Block Course	6
Bachelor/Master	BIO 354 Zoo Biology	07SMBIO354	Course	2
Bachelor/Master	BIO 355 Practical in Zoo Biology	07SMBIO355	Course	2
Bachelor/Master	BIO 364 The Physics of Life	07SMBIO364	Course	2



Bachelor/Master	BIO 365 Ecological Networks	07SMBIO365	Block Course	6
Bachelor/Master	BIO 374 Virology: Biology of Virus Infection and Evolution	07SMBIO374	Block Course	6
Bachelor/Master	BIO 388 Human Genetics	07SMBIO388	Course	2
Bachelor/Master	BIO 389 Clinical Neuroscience	07SMBIO389	Lecture with Practical Exercises	3
Bachelor/Master	BIO 395 Concepts in Evolutionary Biology	07SMBIO395	Lecture with Practical Exercises	1
Bachelor/Master	BIO 398 Ethics in Biological Research	07SMBIO398	Course	2
Bachelor/Master	BIO 407 Practical Microscopy	07SMBIO407	Block Course	6
Bachelor/Master	BIO 431 Cell Death, Inflammation and Imm	07SMBIO431	Block Course	6
Bachelor/Master	BIO 442 Evolutionary Medicine: Health and disease in modern humans	07SMBIO442	Block Course	6
Bachelor/Master	BIO 632 Introductory course in flow cytometry	07SMBIO632	Lecture with Practical Exercises	1
Bachelor/Master	BIO 268 Paleontological Fieldwork	07SMBIO268	Block Course	6
Master	BIO 217 Advanced Topics in Biological. Anthropology	07SMBIO217	Course	2
Master	BIO 254 Functional Genomics	07SMBIO254	Lecture with Practical Exercises	3
Master	BIO 338 Introduction to Scientific Writing	07SMBIO338	Other	
Master	BIO 393: Integrative –Omics practical course: From the transcriptome to the proteome	07SMBIO393	Lecture with Practical Exercises	2
Master	BIO 412 Introductory Course in laboratory Animal Science (LTK Modul 1)	07SMBIO412b	Exercise Group	2
Master	BIO 551 Anthropological Seminar Series	07SMBIO551	Colloquium	
Master	BIO 553 Journal Club in Anthropology	07SMBIO553	Seminar	



Master	BIO 557 Scientific Writing and Experimental Design for Life Sciences	07SMBIO557	Lecture with Practical Exercises	2
Master	BIO 563 Current topics in C. elegans research	07SMBIO653	Seminar	
Master	BIO 571 Paleontological Colloquium	07SMBIO571	Colloquium	
Master	BIO 602 Seminar in Animal Behaviour	07SMBIO602	Colloquium	
Master	BIO 605 Seminar for Evolutionary Biology and Environmental Studies	07SMBIO605	Seminar	
Master	BIO 606 BEEES Seminar (Behaviour, Ecology, Environment and Evolution Seminar)	07SMBIO606	Seminar	
Master	BIO 611 Colloquium for ongoing advances in infectious cell biology	07SMBIO611	Seminar	
Master	BIO 612 Seminars in Bioinformatics: Methods and Emerging Solutions	07SMBIO612	Colloquium	
Master	BIO 613 Joint Lab Meeting / Progress Seminar	07SMBIO613	Colloquium	
Master	BIO 614 MLS Research Progress Reports	07SMBIO614	Seminar	
Master	BIO 616 Lecture Series in Molecular Life Sciences	07SMBIO616	Colloquium	
Master	BIO 617 Principles of biosafety in medical and biological research	07SMBIO617	Lecture with Practical Exercises	1
Master	BIO 619 Seminar in Neurosciences	07SMBIO619	Seminar	
Master	BIO 620 Literature Seminar Animal Behaviour	07SMBIO620	Seminar	
Master	BIO 625 Bioacoustics	07SMBIO625	Seminar	
Master	BIO 629 Advanced Flow Cytometry Course	07SMBIO629	Lecture with Practical Exercises	1
Master	BIO 630 Research Ethics for Life Scientists	07SMBIO630	Lecture with Practical Exercises	3
Master	BIO 631 Current Immunological Research in Zurich	07SMBIO631	Seminar	
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 641 Introduction to Proteomics Data Analysis and Beyond	07SMBIO641	Lecture with Practical Exercises	1
Master	BIO 652 Viruses and hosts	07SMBIO652	Seminar	
Master	BIO 657 Colloquium on literature (Group seminar)	07SMBIO657	Colloquium	
Master	BIO 661 Science Writing	07SMBIO661	Seminar	1
Master	BIO 701 Forum for Plant Biology	07SMBIO701	Colloquium	
Master	BIO 702 Plant Biology Workshop	07SMBIO702	Seminar	1
Master	BIO 704 Group Seminar: Current Research	07SMBIO704	Seminar	1
Master	BIO 705 Group Seminar: Current Research	07SMBIO705	Seminar	1
Master	BIO 707 Group Seminar: Current Research in Microbiology	07SMBIO707	Seminar	1
Master	BIO 708 Gene therapy from bench to bedside - Theory	07SMBIO708	Exercise Group	2
Master	BIO 711 Advanced Seminar in Microbiology	07SMBIO711	Colloquium	1
Master	BIO 712 Limnology Colloquium for Advanced	07SMBIO712	Colloquium	1
Master	BIO 713 Group Seminar: Research Updates	07SMBIO713	Seminar	
Master	BIO 752 Advanced Seminar	07SMBIO752	Seminar	
Master	BIO 761 Research Internship in Systematic Botany	07SMBIO761	Practical Training	4
Master	BIO 784 Evolutionary Genomics Journal Club	07SMBIO784	Seminar	



Biomedicine

Study Level	Course Title	Course Number	Course Category	Credit Points (ECTS)
Bachelor/Master	BME 246 Biomedicine II	07SMBME246	Course	3
Bachelor/Master	BME 302 Systems Neurobiology	07SMBME302	Block Course	6
Bachelor/Master	BME 305 Methods in Experimental and Clinical Pharmacology	07SMBME305	Block Course	6
Bachelor/Master	BME 306 Experimental human studies	07SMBME306	Block Course	6
Bachelor/Master	BME 318 Clinical epidemiology and quantitative research in health care	07SMBME318	Course	2
Bachelor/Master	BME 320 Forensic Genetics	07SMBME320	Lecture with Practical Exercises	1
Bachelor/Master	BME 321 Design of Experiments	07SMBME321	Exercise Group	1
Bachelor/Master	BME 325 Xenobiotic metabolism – with special emphasis on toxicological aspects	07SMBME325	Block Course	6
Bachelor/Master	BME 326 Evolution of Bacterial Pathogens	07SMBME326	Block Course	6
Bachelor/Master	BME 327 Current Approaches in Single Cell Analysis	07SMBME327	Course	2
Bachelor/Master	BME 328 Prostate cancer: from bench to bedside	07SMBME328	Block Course	6
Bachelor/Master	BME 329 Developing New Medicines – An Introduction	07SMBME329	Block Course	6
Bachelor/Master	BME 331 Multiplexed Imaging	07SMBME331	Block Course	6
Bachelor/Master	BME 332 Metabolic Medicine	07SMBME332	Block Course	6
Bachelor/Master	BME 335 Regenerative Medicine and Applied Tissue Engineering	07SMBME335n	Course	3
Bachelor/Master	BME 351 Biomedical data mining	07SMBME351	Block Course	6
Bachelor/Master	BME 352 Auditory Biomechanics	07SMBME352	Block Course	6
Bachelor/Master	BME 353 Human brain activity and the mind	07SMBME353	Block Course	6
Bachelor/Master	BME 356 Molecular Endocrinology and Metabolism	07SMBME356	Block Course	6



Bachelor/Master	BME 357 Diseases at the human animal interface	07SMBME357	Block Course	6
Bachelor/Master	BME 361 Randomised trials – From lab experiments to large preventive trials	07SMBME361	Block Course	6
Bachelor/Master	BME 363 Gene therapy from bench to bedside	07SMBME363	Block Course	6
Bachelor/Master	BME 366 Medical Immunology	07SMBME366	Block Course	6
Master	BME 410 Scientific writing and publishing	07SMBME410b	Lecture with Practical Exercises	4

Chemistry

Study Level	Course Title	Course Number	Course Category	Credit Points (ECTS)
Bachelor/Master	CHE 321 Advanced Organic Chemistry	07SMCHE321	Lecture with Practical Exercises	4
Bachelor/Master	CHE 323 Reaction Mechanisms and Kinetics	07SMCHE323	Lecture with Practical Exercises	4
Bachelor/Master	CHE 325 Solid State and Materials Chemistry	07SMCHE325	Lecture with Practical Exercises	4
Bachelor/Master	CHE 326 Advanced concepts of Physical Chemistry I	07SMCHE326	Lecture with Practical Exercises	4
Bachelor/Master	CHE 327 Advanced concepts of Physical Chemistry II	07SMCHE327	Lecture with Practical Exercises	4



Master	CHE 432 Symmetry and Spectroscopy	07SMCHE432	Lecture with Practical Exercises	5
Master	CHE 438 Radiochemistry, Basics and Application of Radionuclides	07SMCHE438	Lecture with Practical Exercises	5
Master	CHE 439 Advanced NMR Methods for Identification of Natural Products	07SMCHE439	Lecture with Practical Exercises	3
Master	CHE 440 Structure Elucidation with Combined Spectroscopic Methods	07SMCHE440	Lecture with Practical Exercises	3
Master	CHE 729 Nanochemistry	07SMCHE730a	Lecture with Practical Exercises	2
Master	CHE 742 Unusual molecules (and their tales of the unexpected)	07SMCHE742	Lecture with Practical Exercises	2
Master	CHE 746 Photochemistry in Synthesis	07SMCHE746	Lecture with Practical Exercises	2
Master	CHE 747 Introduction to Quantum Chemistry	07SMCHE747	Lecture with Practical Exercises	2
Master	CHE 748 Computational Materials Science and Advanced Quantum Chemistry	07SMCHE748	Lecture with Practical Exercises	2
Master	CHE 915 Visualize your science!	07SMCHE915	Lecture with Practical Exercises	2



Crystallography

Study Level	Course Title	Course Number	Course Category	Credit Points (ECTS)
Bachelor/Master	KRI 102 Chemical Crystallography II	07SMKRI102	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 389 Practical Part of the Bachelor Thesis	07SMESS389	Practical Training	3
Bachelor/Master	ESS 244 Earth System Science Field Course	07SMESS244	Field Trip	2
Bachelor/Master	ESS 367 Remote Sensing of the Atmosphere	07SMESS367	Lecture with Practical Exercises	3
Master	ESS 416 Earth System Modelling	07SMESS416	Seminar	4

Environmental sciences

Study Level	Course Title	Course Number	Course Category	Credit Points (ECTS)
Bachelor/Master	ESC 403 Introduction to Data Science	07SMESC403	Course, Exercise Group	6
Bachelor/Master	UWW 164 Event Organisation in the Environmental Field	07SMUWW164	Practical Training	2
Bachelor/Master	UWW 183 Conservation Biology	07SMUWW183	Course	3



Master	ESC 412 Advanced High-Performance Computing	07SMESC412	Course, Exercise Group	5
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Geography

Study Level	Course Title	Course Number	Course Category	Credit Points (ECTS)
Bachelor/Master	GEO 246 Statistics	07SMGEO246	Course, Exercise Group	5
Bachelor/Master	GEO 374 Remote Sensing and Geographic Information Science V (Remote Sensing of Water Systems)	07SMGEO374	Lecture with Practical Exercises	5
Bachelor/Master	GEO 418 Atmosphere and Climate	07SMGEO418	Lecture with Practical Exercises	6
Bachelor/Master	GEO 709 Soil formation, landscape history and land use	07SMGEO709	Field Trip	1
Bachelor/Master	GEO 712 Measuring Terrestrial Carbon Cycling	07SMGEO712	Field Trip	1
Bachelor/Master	GEO 717 Google Earth Engine	07SMGEO717	Block Course	1
Bachelor/Master	GEO 820 Stable isotopes in ecology and soil science	07SMGEO820	Course	3
Bachelor/Master	Snow and Avalanches: Processes and Risk Management	07SMGEO857	Course	3
Bachelor/Master	The high-mountain cryosphere: processes and risks	07SMGEO856	Course	3
Master	GEO 411 Field studies on high mountain processes	07SMGEO411	Practical Training	6
Master	GEO 412 Carbon and nutrient dynamics in plant-soil systems	07SMGEO412	Block Course	6
Master	GEO 422 Urban Geography: Research and Methods	07SMGEO422	Seminar	6
Master	GEO 424 Environment in History	07SMGEO424	Lecture with Practical Exercises	6
Master	GEO 425 Political Ecology: from critique to transformation	07SMGEO425	Seminar	6



Master	GEO 433 Global Economic Geographies of Agriculture and Food Systems	07SMGEO433	Seminar	6
Master	GEO 441 Remote Sensing A: Seminar	07SMGEO441	Lecture with Practical Exercises, Colloquium	6
Master	GEO 454 Geovisualisation	07SMGEO454	Course, Exercise Group	6
Master	GEO 471 Hydrological field measurements and calculations	07SMGEO471	Lecture with Practical Exercises	6
Master	GEO 835 Geography of Sustainability Transitions	07SMGEO835	Seminar	3
Master	GEO 877 Spatial Algorithms	07SMGEO877	Lecture with Practical Exercises	3
Master	GEO 880 Computational Movement Analysis – Detecting Patterns and Trends in Environmental Data	07SMGEO880	Lecture with Practical Exercises	3
Master	GEO 881 Advanced Spatial Analysis II	07SMGEO881	Lecture with Practical Exercises	3
Master	GEO 888 GIS for Environmental Monitoring	07SMGEO888	Lecture with Practical Exercises	3

Mathematics

Study Level	Course Title	Course Number	Course Category	Credit Points (ECTS)
Bachelor/Master	MAT 517 Algebraic Geometry II	07SMMAT517	Course, Exercise Group	9



Bachelor/Master	MAT 592 Seminar on Galois theory	07SMMAT592	Seminar	3
Bachelor/Master	MAT 603 Randomness in Dynamical Systems	07SMMAT603	Seminar	3
Bachelor/Master	MAT 604 Complex Analysis	07SMMAT604	Course, Exercise Group	9
Bachelor/Master	MAT 609 Elliptic partial differential equations	07SMMAT609	Seminar	3
Bachelor/Master	MAT 650 Seminar: Symbolic Dynamics and Coding	07SMMAT650	Seminar	3
Bachelor/Master	MAT 715 A ¹ -Algebraic Topology over a Field, part "	07SMMAT716n	Course, Exercise Group	5
Bachelor/Master	MAT 769 Seminar: Riemann surfaces and Belyi's theorem	07SMMAT769	Seminar	3
Bachelor/Master	MAT 806 Seminar: Introduction to Partial Differential Equations	07SMMAT806	Seminar	3
Bachelor/Master	MAT 827 Numerical Methods for Hyperbolic Partial Differential Equations	07SMMAT827	Course, Exercise Group	10
Bachelor/Master	MAT 901 Stochastics	07SMMAT901	Course, Exercise Group	9
Master	MAT 555 Singular foliations	07SMMAT55	Course, Exercise Group	9
Master	MAT 702 Elements of Geometry	07SMMAT702n	Course, Exercise Group	9
Master	MAT 715 A ¹ -Algebraic Topology over a Field, part "	07SMMAT715n	Course	6
Master	MAT 715 A ¹ -Algebraic Topology over a Field, part "	07SMMAT605n	Course	4
Master	MAT 715 A ¹ -Algebraic Topology over a Field, part "	07SMMAT778	Course, Exercise Group	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 402 Computational Vision	07SMINI402	Course, Exercise Group	6
Bachelor/Master	INI 405 Neuromorphic Engineering II	07SMINI405	Course, Exercise Group	6
Bachelor/Master	INI 427 Models of Computation	07SMINI427	Course	6
Master	IDB 412 Introductory Course in Laboratory Animal Science (LTK Module 1 - Theory part)	07SMIDB412	Course	1
Master	IDB 413 Introductory Course in Laboratory Animal Science (LTK Module 1 – Practical part)	07SMIDB413	Practical Training	1
Master	IDB 520 Internship in Company or Clinic	07SMIDB520	Practical Training	8
Master	INI 435 Neural Systems	07SMINI435	Course, Exercise Group	6
Master	INI 701 Neuroinformatics - Colloquia	07SMINI701	Colloquium	
Master	INI 702 Journal Club	07SMINI702	Colloquium	2

Physics

Study Level	Course Title	Course Number	Course Category	Credit Points (ECTS)
Bachelor	PHY 120 Supplementary class for Physics II	07SMPHY120	Course	2
Bachelor	PHY 213 Nuclear and Particle Physics II	07SMPHY213n	Course	5
Bachelor	PHY 223 Kern- und Teilchenphysik II Praktikum	07SMPHY223	Practical Training	2



Bachelor	PHY 322 Mathematical methods of Physics II	07SMPHY322	Course, Exercise Group	8
Bachelor/Master	PHY 128 Physics II for Natural Sciences	07SMPHY128	Course, Exercise Group	5
Bachelor/Master	PHY 225 Scientific Programming in Python	07SMPHY225	Block Course	1
Bachelor/Master	PHY 241 Data Analysis II	07SMPHY241	Course	2
Bachelor/Master	PHY 361 Physics against cancer: The physics of imaging and treating cancer	07SMPHY361	Course, Exercise Group	6
Master	PHY 411 Solid State Theory	07SMPHY411	Course, Exercise Group	10
Master	PHY 420 Electron Spectroscopy	07SMPHY420	Course, Exercise Group	6
Master	PHY 425 Modern Optics and Microscopy	07SMPHY425	Course	3
Master	PHY 432 Physics with Muons: From Atomic Physics to Solid State Physics	07SMPHY432	Course, Exercise Group	6
Master	PHY 434 Ferromagnetism: From Thin Films to Spintronics	07SMPHY434	Course	6
Master	PHY 435 Introducing Photons, Neutrons and Muons for Materials Characterisation	07SMPHY435	Block Course	2
Master	PHY 447 Research Seminar Cond Matter	07SMPHY447	Seminar	2
Master	PHY 451 Elementary Particle Physics	07SMPHY451	Course, Exercise Group	8
Master	PHY 463 Seminar in Elementary Particle Physics	07SMPHY463	Practical Training	6
Master	PHY 472 Forschungspraktikum Physik	07SMPHY472	Practical Training	5
Master	PHY 519 Applications of General Relativity in Astrophysics and Cosmology	07SMPHY519	Course, Exercise Group	6
Master	PHY 552 Quantum Field Theory II	07SMPHY552	Course, Exercise Group	10
Master	PHY 561 QCD: Theory and Experiment	07SMPHY561	Block Course	3



Master	PHY 563 The Standard Model of Electroweak Interactions	07SMPHY563	Course, Exercise Group	6
Master	PHY 575 Introduction to Contemporary Quantum Matter Physics	07SMPHY575	Exercise Group, Block Course	2
Master	PHY497 Research Seminar Particle Physics	07SMPHY497	Seminar	2

Statistics

Study Level	Course Title	Course Number	Course Category	Credit Points (ECTS)
Bachelor/Master	STA 110 Introduction to Probability	07SMSTA110	Course, Exercise Group	5
Bachelor/Master	STA 120 Introduction to Statistics	07SMSTA120	Course, Exercise Group	5
Bachelor/Master	STA 330 Modelling Dependent Data	07SMSTA330	Course, Exercise Group	5
Bachelor/Master	STA 408 Statistical Methods in Epidemiology	07SMSTA408	Course, Exercise Group	5
Bachelor/Master	STA 425 Survival Analysis	07SMSTA425	Course, Exercise Group	3
Master	STA 433 R programming	07SMSTA433	Lecture with Practical Exercises	2
Master	STA 435 Methods in Evidence Synthesis	07SMSTA435	Block Course	3
Master	STA 480 Biostatistics Journal Club	07SMSTA480	Seminar	4
Master	STA 490 Statistical Consulting	07SMSTA490	Seminar	6
Master	STA 491 Research practical in biostatistics	07SMSTA491	Practical Training	4



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)
Bachelor/Master	PT VL: Digital Religion (s): Methoden, Technologien und Zukünfte	01SM24SV015	Lecture	3
Master	Digital Religion	01SM43LM004	Independent Study	3
Master	Women in Islam	01SM43LM003	Independent Study	3
Master	Debates and Challenges in Muslim Societies and Communities	01SM43LM002	Independent Study	3
Master	Theories of Society and Religion in Asia and Middle East	01SM42LM004	Independent Study	3