					Form of teaching / Method of
Degree Programme Master's Programme in Atmospheric Sciences	Code ATM301	Course unit name Atmospheric and Earth Sciences Today		Period 1. period	completion Other information contact teaching -
Master's Programme in Atmospheric Sciences	ATM302	Climate.now (5 cr)	5 cr	2. period	distance teaching (time-bound) -
Master's Programme in Atmospheric Sciences  Master's Programme in Atmospheric Sciences	ATM386 ATM380	Climate.now (2 cr) Solutions.now		all year round 4. period	Independent study, no teaching - distance teaching (time-bound) -
Master's Programme in Atmospheric Sciences	ATM373	Leadership for Sustainable Change	5 cr	3. period	distance teaching (time-bound) -
Master's Programme in Atmospheric Sciences Master's Programme in Atmospheric Sciences	ATM377 ATM378	Introduction to Earth System Modelling Sustainable.now		4. period 1. period	contact teaching - distance teaching (time-bound) -
Master's Programme in Atmospheric Sciences Master's Programme in Atmospheric Sciences	ATM379 ATM382	SystemsChange.now ClimateComms.now		3. period 3. period	distance teaching (time-bound) - distance teaching (time-bound) -
Master's Programme in Atmospheric Sciences	ATM389	Living with changing climate	5 cr	2. period	distance teaching (time-bound) -
Master's Programme in Atmospheric Sciences	ATM397	Forests and Climate Change	2 cr	14. period	online teaching (not time-bound) -
Master's Programme in Atmospheric Sciences Master's Programme in Atmospheric Sciences	ATM398 ATM398	Climate University for Virtual Exchanges (Cluvex) Climate University for Virtual Exchanges (Cluvex)	1 cr 1 cr	autumn 2025, intensive course spring 2026, intensive course	distance teaching (time-bound) - distance teaching (time-bound) -
master's Programme in Atmospheric Sciences	ATM398				includes both contact and distance
Master's Programme in Atmospheric Sciences  Master's Programme in Atmospheric Sciences	ATM404 ATM5001	Environmental and Climate Regulation in the EU Statistical Analysis of Environmental Field Measurements		4. period 1. period	teaching - contact teaching -
Master's Programme in Atmospheric Sciences	ATM309	Analysis of atmosphere-surface interactions and feedbacks	5 cr	617.10.2025	contact teaching -
Master's Programme in Atmospheric Sciences  Master's Programme in Atmospheric Sciences	ATM4171 ATM304	Introduction to Machine Learning for Atmospheric and Earth System Research  Aerosol Physics II		4.531.5.2026 2. period	contact teaching - contact teaching -
Master's Programme in Atmospheric Sciences	ATM318	Aerosol measurement techniques	5 cr	2. period	contact teaching - includes both contact and distance
Master's Programme in Atmospheric Sciences	ATM319	Atmospheric observations of aerosols, clouds and trace gases		May intensive period	teaching -
Master's Programme in Atmospheric Sciences  Master's Programme in Atmospheric Sciences	ATM326 ATM368	Health Effects of Fine Particles  Aerosol Optics		3. period 3. period	distance teaching (time-bound) - contact teaching -
Master's Programme in Atmospheric Sciences	ATM371	Laboratory course in aerosol physics	5 cr	3. period	contact teaching -
Master's Programme in Atmospheric Sciences	ATM381	Physical and chemical characterization of charged molecules and clusters at atmospheric pressure	5 cr	1. period	contact teaching - includes both contact and distance
Master's Programme in Atmospheric Sciences Master's Programme in Atmospheric Sciences	ATM394 ATM328	Advanced aerosol chemistry Global biogeochemical cycles		1. period 3. period	teaching - contact teaching -
Master's Programme in Atmospheric Sciences	ATM359	Eddy covariance intensive course	5 cr	3. period	contact teaching -
Master's Programme in Atmospheric Sciences  Master's Programme in Atmospheric Sciences	ATM336 ATM337	Dynamic Oceanography Descriptive Oceanography		3. period 2. period	contact teaching - contact teaching -
Master's Programme in Atmospheric Sciences	ATM338	Surface Water Waves	5 cr	2. period	contact teaching -
Master's Programme in Atmospheric Sciences  Master's Programme in Atmospheric Sciences	ATM340 ATM342	Coastal Oceanography Frozen Ground		4. period 1. period	contact teaching - contact teaching -
Master's Programme in Atmospheric Sciences	ATM344 ATM346	Global Hydrology	5 cr	3. period 4. period	contact teaching - contact teaching -
Master's Programme in Atmospheric Sciences  Master's Programme in Atmospheric Sciences	ATM306	Physics of lakes and rivers  Basics of atmospheric chemistry	5 cr	2. period	contact teaching -
Master's Programme in Atmospheric Sciences Master's Programme in Atmospheric Sciences	ATM307 ATM323	Atmospheric and aerosol chemistry Advanced Course in Radar Meteorology		3. period 3. period	contact teaching - contact teaching -
Master's Programme in Atmospheric Sciences	ATM324	Laboratory Course in Radar Meteorology	5 cr	4. period	contact teaching -
Master's Programme in Atmospheric Sciences Master's Programme in Atmospheric Sciences	ATM325 ATM315	Satellite remote sensing methods in aerosol science  Numerical Meteorology I		4. period 3. period	contact teaching - contact teaching -
Master's Programme in Atmospheric Sciences Master's Programme in Atmospheric Sciences	ATM316 ATM317	Numerical Meteorology II	5 cr	4. period 34. period	contact teaching - contact teaching - contact teaching -
Master's Programme in Atmospheric Sciences  Master's Programme in Atmospheric Sciences	ATM317 ATM322	Laboratory Course in Numerical Meteorology  Meteorological observation systems		2. period	contact teaching - contact teaching -
Master's Programme in Atmospheric Sciences Master's Programme in Atmospheric Sciences	ATM332 ATM347	Terrestrial water, carbon and nitrogen cycles Boundary Layer Physics I		2. period 4. period	contact teaching - contact teaching -
Master's Programme in Atmospheric Sciences	ATM348	Dynamics of Atmospheric Flow Structures I	5 cr	1. period	contact teaching -
Master's Programme in Atmospheric Sciences  Master's Programme in Atmospheric Sciences	ATM349 ATM351	Dynamics of Atmospheric Flow Structures II  Mesometeorology		2. period 3. period	contact teaching - contact teaching -
Master's Programme in Atmospheric Sciences	ATM352	Synoptic Meteorology I	5 cr	2. period	contact teaching -
Master's Programme in Atmospheric Sciences Master's Programme in Atmospheric Sciences	ATM354 ATM355	Cloud Physics Atmospheric General Circulation I		2. period 3. period	contact teaching - contact teaching -
Master's Programme in Atmospheric Sciences	ATM356	Convective Weather Systems and Climate		4. period 1. period	contact teaching - contact teaching -
Master's Programme in Atmospheric Sciences	ATM357	Atmospheric Radiation	5 cr	1. periou	contact teaching -
Master's Programme in Atmospheric Sciences	ATM383	Leadership for sustainable change	2 cr	all year round	no lecturing, independent studying -
Master's Programme in Atmospheric Sciences	ATM385	Introduction to sustainability	3 cr	all year round	no lecturing, independent studying -
Master's Programme in Atmospheric Sciences	ATM387	Political economy of Sustainability	2 cr	all year round	no lecturing, independent studying -
Master's Programme in Atmospheric Sciences	ATM388	Sustainability and the Arts	1 cr	all year round	no lecturing, independent studying -
Master's Programme in Atmospheric Sciences Master's Programme in Atmospheric Sciences	ATM405 ATM405	Una Europa Virtual Exchanges for Sustainability (UnaVex) Una Europa Virtual Exchanges for Sustainability (UnaVex)		autumn 2025, intensive course spring 2026, intensive course	distance teaching (time-bound) - distance teaching (time-bound) -
Master's Programme in Chemistry and Molecular Sciences	KEM311	Basic radiochemistry exercises	5 cr	2. period	contact teaching -
Master's Programme in Chemistry and Molecular Sciences Master's Programme in Chemistry and Molecular Sciences	KEM313 KEM314	Nuclear spectrometry  Advanced radiochemistry exercises, Chemistry and analysis of radionuclides		period     period	contact teaching - contact teaching -
Master's Programme in Chemistry and Molecular Sciences	KEM314 KEM314	Advanced radiochemistry exercises, Nuclear spectrometry		4. period	contact teaching -
Master's Programme in Chemistry and Molecular Sciences Master's Programme in Chemistry and Molecular Sciences	KEM314 KEM316	Advanced radiochemistry exercises, Radiopharmaceutical chemistry  Chemistry and analysis of radionuclides		4. period 3. period	contact teaching - contact teaching -
Master's Programme in Chemistry and Molecular Sciences Master's Programme in Chemistry and Molecular Sciences	KEM317 KEM321	Radiopharmaceutical chemistry  Structure and reactivity - organic reactions		3. period 1. period	contact teaching - contact teaching -
Master's Programme in Chemistry and Molecular Sciences	KEM322	Synthesis methods	5 cr	3. period	contact teaching -
Master's Programme in Chemistry and Molecular Sciences Master's Programme in Chemistry and Molecular Sciences	KEM323 KEM324	Design of synthesis Organometallic chemistry		4. period 1. period	contact teaching - contact teaching -
Master's Programme in Chemistry and Molecular Sciences	KEM325	Synthetic chemistry labworks, p 1	5 cr	1. period summer teaching (May-August	contact teaching -
Master's Programme in Chemistry and Molecular Sciences	KEM325	Synthetic chemistry labworks, summer	5 cr	2026)	contact teaching -
Master's Programme in Chemistry and Molecular Sciences  Master's Programme in Chemistry and Molecular Sciences	KEM331 KEM332	Separation techniques Sampling and sample preparation		1. period 2. period	contact teaching - contact teaching -
Master's Programme in Chemistry and Molecular Sciences	KEM333	Analytical chemistry laboratory work, p 1	5 cr	1. period	contact teaching -
Master's Programme in Chemistry and Molecular Sciences Master's Programme in Chemistry and Molecular Sciences	KEM333 KEM334	Analytical chemistry laboratory work, p 4  Mass spectrometry		4. period 3. period	contact teaching - contact teaching -
Master's Programme in Chemistry and Molecular Sciences Master's Programme in Chemistry and Molecular Sciences	KEM336 KEM344	NMR spectroscopy 1 Reaction kinetics	3 - 5 cr	3. period 4. period	contact teaching - contact teaching -
Master's Programme in Chemistry and Molecular Sciences	KEM346	Experimental methods in molecular science 1	5 cr	1. period	contact teaching -
Master's Programme in Chemistry and Molecular Sciences Master's Programme in Chemistry and Molecular Sciences	KEM352 KEM354	Chemistry of the nuclear fuel cycle Radionuclide production and tracer techniques		34. period 12. period	contact teaching - contact teaching -
Master's Programme in Chemistry and Molecular Sciences	KEM356 KEM358	Electromigration techniques  Quality assurance in analytics	5 cr	3. period 2. period	contact teaching - contact teaching -
Master's Programme in Chemistry and Molecular Sciences Master's Programme in Chemistry and Molecular Sciences	KEM359	Homogeneous catalysis	5 cr	2. period	contact teaching -
Master's Programme in Chemistry and Molecular Sciences Master's Programme in Chemistry and Molecular Sciences	KEM363 KEM382	Structural methods in inorganic chemistry  Medicinal chemistry		3. period 2. period	contact teaching - contact teaching -
Master's Programme in Chemistry and Molecular Sciences	KEM384	Electronic excited state dynamics of molecules	5 cr	1. period	contact teaching -
Master's Programme in Chemistry and Molecular Sciences Master's Programme in Chemistry and Molecular Sciences	KEM411 KEM490	Chemicals and legislation Research project (for exchange students)		14. period upon agreement	online teaching (not time-bound) - contact teaching -
Master's Programme in Chemistry and Molecular Sciences	KEM491	Graded research project (for exchange students)		upon agreement	contact teaching -
Master's Programme in Computer Science Master's Programme in Computer Science	CSM12101 CSM13109	Design and Analysis of Algorithms  Networking Technologies		1. period 1. period	contact teaching - contact teaching -
					includes both contact and distance
		Software Architectures	5 cr	1. period	teaching (aka. blended teaching) -
Master's Programme in Computer Science	CSM14101				online teaching (not time-bound);
Master's Programme in Computer Science	CSM13202	Cryptography in Networking (self-study)		1. period	one lecture on-site -
Master's Programme in Computer Science Master's Programme in Computer Science	CSM13202 CSM11006	Computer Science Project	5 cr	12. period	one lecture on-site - contact teaching -
Master's Programme in Computer Science	CSM13202 CSM11006 CSM14303 CSM14107	Computer Science Project Seminar on Big Data Management Seminar in Empirical Software Engineering	5 cr 5 cr 5 cr	12. period 12. period 12. period	one lecture on-site - contact teaching - distance teaching (time-bound) - contact teaching -
Master's Programme in Computer Science Master's Programme in Computer Science Master's Programme in Computer Science	CSM13202 CSM11006 CSM14303	Computer Science Project Seminar on Big Data Management	5 cr 5 cr 5 cr 5 cr	12. period 12. period	one lecture on-site - contact teaching - distance teaching (time-bound) -
Master's Programme in Computer Science	CSM13202 CSM11006 CSM14303 CSM14107 CSM14122 CSM12131 CSM12132	Computer Science Project Seminar on Big Data Management Seminar in Empirical Software Engineering Seminar on Rust Seminar on Parameterised Algorithms and Complexity Seminar on Graph Algorithms	5 cr 5 cr 5 cr 5 cr 5 cr 5 cr	12. period 12. period 12. period 12. period 12. period 12. period	one lecture on-site contact teaching - distance teaching (time-bound) - contact teaching
Master's Programme in Computer Science	CSM13202 CSM11006 CSM14303 CSM14107 CSM14122 CSM12131 CSM12132 CSM12132 CSM13111 CSM13001	Computer Science Project Seminar on Big Data Management Seminar in Empirical Software Engineering Seminar on Rust Seminar on Parameterised Algorithms and Complexity Seminar on Parameterised Algorithms Developing the Artificial Intelligence of Things Distributed Systems	5 cr 5 cr 5 cr 5 cr 5 cr 5 cr 5 cr	12. period 14. period 2. period	one lecture on-site contact teaching distance teaching (time-bound) contact teaching contac
Master's Programme in Computer Science	CSM13202 CSM11006 CSM14303 CSM14107 CSM14122 CSM12131 CSM12132 CSM13111	Computer Science Project Seminar on Big Data Management Seminar in Empirical Software Engineering Saminar on Bust Seminar on Parameterised Algorithms and Complexity Seminar on Parameterised Algorithms and Complexity Seminar on Graph Algorithms Developing the Artifical Intelligence of Things Distributed Systems Data Compression Techniques	5 cr 5 cr 5 cr 5 cr 5 cr 5 cr 5 cr 5 cr	12, period 12, period 12, period 12, period 12, period 12, period 14, period 2, period 2, period 2, period	one lecture on-site contact teaching distance teaching (time-bound) contact teaching online teaching   contact teaching online teaching   contact teaching contact teaching contact teaching contact teaching contact teaching contact teaching
Master's Programme in Computer Science	CSM13202 CSM11006 CSM14103 CSM14107 CSM141122 CSM12131 CSM12131 CSM12131 CSM13101 CSM12103 CSM12103 CSM12103 CSM13105 CSM13401	Computer Science Project Seminar on Big Data Management Seminar in Empirical Software Engineering Seminar on Rus Water Seminare on Bus Seminare on Bus Seminare on Bus Seminare on Parameterised Algorithms and Complexity Seminare on Graph Algorithms Developing the Artificial Intelligence of Things Distributed Systems Data Compression Techniques Introduction to the Internet of Things Human Computer Interaction	5 a 5 a 5 a 5 a 5 a 5 a 5 a 5 a 5 a 5 a	12. period 14. period 2. period 2. period 2. period 2. period 2. period 2. period	one lecture on-site contact teaching distance teaching (time-bound) contact teaching collier teaching contact teaching
Master's Programme in Computer Science	CSM13202 CSM11006 CSM14303 CSM14107 CSM14122 CSM12131 CSM12132 CSM13111 CSM13001 CSM12103 CSM12103 CSM13105	Computer Science Project Seminar on Big Data Management Seminar on Bust Seminar on Rust Seminar on Rust Seminar on Parameterised Algorithms and Complexity Seminar on Parameterised Algorithms Seminar on Fargh Algorithms Developing the Artificial Intelligence of Things Distributed Systems Data Compression Techniques Introduction to the Internet of Things	5 a 5 a 5 a 5 a 5 a 5 a 5 a 5 a 5 a 5 a	12. period 14. period 2. period 2. period 2. period 2. period	one lecture on-site contact teaching - distance teaching (time-bound) - contact teaching (time-bound) - contact teaching - cont
Master's Programme in Computer Science	CSM13202 CSM11006 CSM14303 CSM14107 CSM14122 CSM12131 CSM12132 CSM12131 CSM13001 CSM12103 CSM13105 CSM13105 CSM13401 CSM13401	Computer Science Project Seminar on Rig Data Management Seminar on Rust Seminar on Rust Seminar on Rust Seminar on Parameterised Algorithms and Complexity Seminar on Parameterised Algorithms and Complexity Seminar on Graph Algorithms Developing the Artificial Intelligence of Things Distributed Systems Data Compression Techniques Introduction to the Internet of Things Human Computer Interaction Seminar on Advanced Topics in Human Computer Interaction	5 a 5 a 5 a 5 a 5 a 5 a 5 a 5 a 5 a 5 a	12. period 2. period 2. period 2. period 2. period 2. period 2. period	one lecture on-site contact teaching   -
Master's Programme in Computer Science	CSM13202 CSM11006 CSM14100 CSM14107 CSM141107 CSM141122 CSM12131 CSM12131 CSM12131 CSM13101 CSM13101 CSM13105 CSM134001 CSM13403 CSM12106 CSM12406 CSM12406	Computer Science Project Seminar on Big Data Management Seminar on Big Data Management Seminar on Rust Seminar on Rust Seminar on Parameterised Algorithms and Complexity Seminar on Farph Algorithms Developing the Artifical Intelligence of Things Distributed Systems Data Compression Techniques Introduction to the Internet of Things Human Computer Interaction Seminar on Advanced Topics in Human Computer Interaction Randomised Algorithms	5 a 5 a 5 a 5 a 5 a 5 a 5 a 5 a 5 a 5 a	12. period 2. period 2. period 2. period 2. period 2. period 3. period 3. period 3. period	one lecture on-site contact teaching or distance teaching (time-bound) contact teaching con
Master's Programme in Computer Science	CSM13202 CSM11006 CSM141006 CSM14107 CSM14107 CSM141107 CSM12131 CSM12131 CSM12131 CSM1213001 CSM12103 CSM13111 CSM13001 CSM13401 CSM13401 CSM13403 CSM12126	Computer Science Project Seminar on Big Data Management Seminar in Empirical Software Engineering Seminar on Rust Seminar on Rust Seminar on Parameterised Algorithms and Complexity Seminar on Graph Algorithms Developing the Artificial Intelligence of Things Distributed Systems Data Compression Techniques Introduction to the Internet of Things Introduction to the Internet of Things Human Computer Interaction Seminar on Advanced Topics in Human Computer Interaction Randomised Algorithms Software Architecture Project Compilers	5 a 5 a 5 a 5 a 5 a 5 a 5 a 5 a 5 a 5 a	1-2 period 1-4 period 2 period 2 period 2 period 2 period 3 period 3 period 3 period 3 period 5 period 5 period 6 period 7 period 7 period 8 period	one lecture on-site contact teaching distance teaching (time-bound) contact teaching
Master's Programme in Computer Science	CSM13202 CSM11006 CSM14103 CSM14107 CSM14107 CSM141107 CSM12131 CSM12131 CSM12131 CSM12103 CSM12103 CSM12103 CSM12103 CSM12105 CSM12105 CSM12106 CSM12106 CSM12106 CSM12106 CSM12107 CSM12106 CSM14103 CSM14103 CSM14103 CSM14106 CS	Computer Science Project Seminar on Big Data Management Seminar in Empirical Software Engineering Seminar on Rust Seminar on Rust Seminar on Ranameterised Algorithms and Complexity Seminar on Graph Algorithms Developing the Artificial Intelligence of Things Distributed Systems Data Compression Techniques Introduction to the Internet of Things Human Computer Inter action Seminar on Advanced Topics in Human Computer Interaction Randomized Algorithms Software Architecture Project Compilers Software Evolution and Reliability Data Science for Monitoring Aquatic Ecosystems (MOOC)	5 a 5 a 5 a 5 a 5 a 5 a 5 a 5 a 5 a 5 a	1-2 period 1-4 period 1-4 period 2 period 2 period 2 period 3 period	one lecture on-site contact teaching distance teaching (time-bound) contact teaching contac
Master's Programme in Computer Science	CSM13202 CSM11006 CSM14103 CSM14107 CSM14107 CSM14122 CSM12131 CSM12131 CSM12131 CSM12130 CSM12103 CSM12103 CSM12106 CSM	Computer Science Project Seminar on Big Data Management Seminar on Big Data Management Seminar on Rust Seminar on Rust Seminar on Parameterised Algorithms and Complexity Seminar on Farph Algorithms Developing the Artificial Intelligence of Things Distributed Systems Data Compression Techniques Introduction to the Internet of Things Human Computer Interaction Seminar on Advanced Topics in Human Computer Interaction Randomised Algorithms  Software Architecture Project Compilers Software Foultrion and Reliability	5 a 5 a 5 a 5 a 5 a 5 a 5 a 5 a 5 a 5 a	1-2. period 2. period 2. period 2. period 2. period 2. period 3. period 3. period 3. period 3. period 3. period 3. period	one lecture on-site contact teaching distance teaching (time-bound) contact teaching
Master's Programme in Computer Science	CSM13202 CSM11006 CSM14303 CSM14107 CSM14107 CSM14122 CSM12131 CSM12131 CSM12131 CSM12103 CSM12103 CSM12103 CSM12103 CSM12103 CSM12103 CSM12103 CSM12103 CSM12103 CSM12105 CSM	Computer Science Project Seminar on Big Data Management Seminar on Big Data Management Seminar on Rust Seminar on Rust Seminar on Parameterised Algorithms and Complexity Seminar on Farameterised Algorithms and Complexity Seminar on Graph Algorithms Developing the Artificial Intelligence of Things Distributed Systems Data Compression Techniques Introduction to the Internet of Things Human Computer Interaction Seminar on Advanced Topics in Human Computer Interaction Randomised Algorithms Software Architecture Project Compilers Software Evolution and Reliability Data Science for Monitoring Aquatic Ecosystems (MOOC) Introduction to the Programming of Quantum Computers	5 a 5 a 5 a 5 a 5 a 5 a 5 a 5 a 5 a 5 a	12. period 2. period 2. period 2. period 2. period 2. period 2. period 3. 4. period 3. 4. period	one lecture on-site contact teaching distance teaching (time-bound) contact teaching
Master's Programme in Computer Science	CSM13202 CSM11006 CSM14303 CSM14107 CSM14107 CSM14122 CSM12131 CSM12131 CSM12131 CSM12103 CSM12103 CSM12103 CSM12103 CSM12103 CSM12103 CSM12103 CSM12103 CSM12103 CSM12105 CSM	Computer Science Project Seminar on Big Data Management Seminar on Big Data Management Seminar on Rust Seminar on Rust Seminar on Parameterised Algorithms and Complexity Seminar on Farameterised Algorithms and Complexity Seminar on Graph Algorithms Developing the Artificial Intelligence of Things Distributed Systems Data Compression Techniques Introduction to the Internet of Things Human Computer Interaction Seminar on Advanced Topics in Human Computer Interaction Randomised Algorithms Software Architecture Project Compilers Software Evolution and Reliability Data Science for Monitoring Aquatic Ecosystems (MOOC) Introduction to the Programming of Quantum Computers	\$ a c c c c c c c c c c c c c c c c c c	12. period 2. period 2. period 2. period 2. period 2. period 2. period 3. 4. period 3. 4. period	one lecture on-site contact teaching distance teaching (time-bound) contact teaching contac

Master's Programme in Computer Science	CSM132821	Seminar: Advanced Topics in Networking	5 cr	34. period	contact teaching	-
Master's Programme in Computer Science Master's Programme in Computer Science	CSM14121 CSM12114	Seminar in Software Quality Automated Logical Reasoning	5 cr	34. period 4. period	contact teaching contact teaching	•
Master's Programme in Computer Science Master's Programme in Computer Science	CSM13107 CSM14305	Data Science for the Internet of Things  Data Warehousing and Business Intelligence	5 cr	4. period 4. period	contact teaching distance teaching (time-bound)	
Master's Programme in Computer Science Master's Programme in Computer Science	CSM131051 CSM132041	Introduction to the Internet of Things - MOOC  Cyber Security Base: Advanced Topics	4 cr 3 cr	open all year round open all year round	online teaching (not time-bound) online teaching (not time-bound)	
Master's Programme in Computer Science Master's Programme in Computer Science	CSM132042 CSM132043	Cyber Security Base: Course Project II Cyber Security Base: Capture The Flag	1 cr 1 cr	open all year round open all year round	online teaching (not time-bound) online teaching (not time-bound)	
Master's Programme in Computer Science Master's Programme in Computer Science	CSM141081 CSM141082	Fill Stack Web Development Full Stack Web Development, extension 1	5 cr 1 cr	open all year round open all year round	online teaching (not time-bound) online teaching (not time-bound)	
Master's Programme in Computer Science Master's Programme in Computer Science	CSM141083 CSM141084	Full Stack Web Development, extension 2 Full Stack Web Development: Containers	1 cr 1 cr	open all year round open all year round	online teaching (not time-bound) online teaching (not time-bound)	
Master's Programme in Computer Science	CSM14110	Full Stack Web Development: TypeScript	1 cr	open all year round	online teaching (not time-bound)	
Master's Programme in Computer Science Master's Programme in Computer Science	CSM14111 CSM14112	Full Stack Web Development: React Native Full Stack Web Development: Continuous Integration	2 cr 1 cr	open all year round open all year round	online teaching (not time-bound) online teaching (not time-bound)	
Master's Programme in Computer Science Master's Programme in Computer Science	CSM14113 CSM14114	Full Stack Web Development: GraphQL Full Stack Web Development: Relational Databases	1 cr 1 cr	open all year round open all year round	online teaching (not time-bound) online teaching (not time-bound)	•
Master's Programme in Computer Science Master's Programme in Computer Science	CSM141091 CSM141092	Full Stack Web Development Project Full Stack Web Development Project	5 cr 7 cr	open all year round open all year round	online teaching (not time-bound) online teaching (not time-bound)	
Master's Programme in Computer Science Master's Programme in Computer Science	CSM141093 CSM14212	Full Stack Web Development Project Programming Parallel Computers	10 cr 5 cr	open all year round open all year round	online teaching (not time-bound) online teaching (not time-bound)	
Master's Programme in Computer Science Master's Programme in Data Science	CSM131052 DATA11001	Introduction to the Internet of Things - MOOC EXAM Introduction to Data Science	1 cr 5 cr	1. period	online teaching (not time-bound) contact teaching	
Master's Programme in Data Science Master's Programme in Data Science	DATA11007 DATA20016	Statistics for Data Science Computer Vision	5 cr	1. period 1. period	contact teaching contact teaching	
Master's Programme in Data Science	DATA14003	Big Data Platforms	5 cr	12. period	distance teaching (time-bound)	•
Master's Programme in Data Science Master's Programme in Data Science	DATA20062 DATA20064	Seminar: Deep Learning Methods for Scientific Applications Seminar on Algorithms for Diversification	5 cr	12. period 12. period	contact teaching contact teaching	•
Master's Programme in Data Science Master's Programme in Data Science	DATA11002 DATA11008	Introduction to Machine Learning Engineering of Machine Learning Systems	5 cr	2. period 2. period	contact teaching contact teaching	•
Master's Programme in Data Science Master's Programme in Data Science	DATA20019 DATA15001	Trustworthy Machine Learning Introduction to Artificial Intelligence	5 cr	2. period 2. period	contact teaching contact teaching	
					includes both contact and distance	
Master's Programme in Data Science Master's Programme in Data Science	DATA16001 DATA20047	Network Analysis Probabilistic Cognitive Modelling	5 cr	3. period 3. period	teaching (aka. blended teaching) contact teaching	
Master's Programme in Data Science	DATA20021	Information Retrieval	5 cr	3. period	contact teaching	-
Master's Programme in Data Science Master's Programme in Data Science	DATA12003 DATA12004	Sustainability in Computer and Data Sciences I Sustainability in Computer and Data Sciences II	2 cr 3 cr	3. period 3. period	contact teaching	:
Master's Programme in Data Science Master's Programme in Data Science	DATA20063 DATA20065	Seminar on Multidisciplinary Viewpoints to Intelligence Seminar on Al Engineering	5 cr 5 cr	34. period 34. period	contact teaching contact teaching	
Master's Programme in Data Science Master's Programme in Data Science	DATA20066 DATA12001	Seminar on History of Artificial Intelligence Advanced Course in Machine Learning	5 cr 5 cr	34. period 4. period	contact teaching contact teaching	
Master's Programme in Data Science	DATA20046	Neural Networks and Deep Learning	5 cr	4. period	contact teaching	
Master's Programme in Data Science	DATA15003	Interactive Data Visualization	5 cr	4. period	includes both contact and distance teaching (aka. blended teaching)	-
Master's Programme in Data Science Master's Programme in Data Science	DATA20041 DATA20042	Al in Society: Introduction Al in Society: Al and Discrimination		open all year round open all year round	online teaching (not time-bound) online teaching (not time-bound)	
Master's Programme in Data Science  Master's Programme in Data Science  Master's Programme in Data Science	DATA20042 DATA20049 DATA20050	Al in Society: Al and Discrimination  Al in Society: Al, Justice and Security  Al in Society: Al and Democracy	,5 cr	open all year round open all year round	online teaching (not time-bound) online teaching (not time-bound) online teaching (not time-bound)	•
Master's Programme in Data Science  Master's Programme in Data Science	DATA20050 DATA20058	Al in Society: Al and Democracy Al in Society: Al and One Health	,5 cr ,5 cr	open all year round	online teaching (not time-bound)	•
Master's Programme in Data Science	DATA20060	Computational Affective Modelling I	2 cr	open all year round (starting 1. period)	online teaching (not time-bound)	-
Master's Programme in Data Science	DATA20061	Computational Affective Modelling II	3 cr	open all year round (starting 2. period)	online teaching (not time-bound)	
Master's Programme in Data Science	DATA12002	Probabilistic Graphical Models (self-study)	5 cr	open all year round	online teaching (not time-bound)	- Geography excahange students have priority
Master's programme in geography	GEOG-301	Geographical thinking, history and research directions	5 cr	1. period	contact teaching	over other exchange students.  Geography excahange students have priority
Master's programme in geography	GEOG-316	Political geographies of urbanization and planning	5 cr	4. period	contact teaching	over other exchange students.  Geography excahange students have priority
Master's programme in geography	GEOG-322	Advanced remote sensing of environment	5 cr	4. period	contact teaching	over other exchange students.  Geography excahange students have priority
Master's programme in geography	GEOG-324	Hyperspectral remote sensing	5 cr	3. period	contact teaching	over other exchange students.
Master's programme in geography	GEOG-329-1	Automating GIS Processes 1 (GeoPython)	5 cr	1. period	contact teaching	Geography excahange students have priority over other exchange students.
Master's programme in geography	GEOG-329-2	Automating GIS Processes 2	5 cr	2. period	contact teaching	Geography excahange students have priority over other exchange students.
Master's programme in geography	GEOG-331	Climate change and rural development	5 cr	1. period	contact teaching	Geography excahange students have priority over other exchange students.
Master's programme in geography	GEOG-335	Advanced diatom research	5 cr	34. period	contact teaching	Geography excahange students have priority over other exchange students.
Master's programme in geography	GEOG-340	Introduction to conservation geography	5 cr	2. period	contact teaching	Geography excahange students have priority over other exchange students.
Master's programme in geography	GEOG-341	Geography of megatrends, environmental change and development in the Global South	5 cr	4. period	contact teaching	Geography excahange students have priority over other exchange students.
waster 5 programme in geography	GEOG-341	deography or megatients, environmental change and development in the Global South	30	4. period	including both contact and distance	
Master's programme in geography				4. period	teaching (aka. blended teaching)	over other exchange students.
	GEOG-342	Geographies of inequalities	5 cr			
Master's programme in geography	GEOG-342 GEOG-348	Geographies of inequalities  Area-based conservation	5 cr	3. period	contact teaching	Geography excahange students have priority over other exchange students.
Master's programme in geography  Master's programme in geography					contact teaching	Geography excahange students have priority
	GEOG-348	Area-based conservation  Cartographic visualization in GIS	5 cr	3. period	-	Geography excahange students have priority over other exchange students. Geography excahange students have priority
Master's programme in geography Master's programme in geography	GEOG-348 GEOG-349 GEOG-350	Area-based conservation  Cartographic visualization in GIS  Geographies of Time	5 cr 5 cr	3. period Intensive period (May)	contact teaching	Geography excahange students have priority over other exchange students. Geography exchange students have priority over other exchange students. Geography excahange students have priority over other exchange students have priority over other exchange students. Geography excahange students have priority.
Master's programme in geography  Master's programme in geography  Master's programme in geography	GEOG-348  GEOG-349  GEOG-350  GEOG-351	Area-based conservation  Cartographic visualization in GIS  Geographies of Time  Mapping and analyzing ecosystems	5 cr 5 cr 5 cr	3. period Intensive period (May) 1. period 4. period	contact teaching  contact teaching  contact teaching	Geography excahange students have priority over other exchange students. Geography excahange students. Geography excahange students have priority over other exchange students have priority over other exchange students. Geography exchange students have priority over other exchange students. Geography exchange students have priority over other exchange students.
Master's programme in geography  Master's programme in geography  Master's programme in geography  Master's programme in geography	GEOG-348 GEOG-349 GEOG-350 GEOG-351 GEOG-352	Area-based conservation  Cartographic visualization in GIS  Geographies of Time  Mapping and analysing ecosystems  Geographies of Young People and Education	5 a 5 a 5 a 5 a	3. period Intensive period (May) 1. period 4. period 2. period	contact teaching contact teaching contact teaching contact teaching	Geography excahange students have priority over other exchange students. Geography excahange students. Geography excahange students have priority over other exchange students have priority over other exchange students. Geography exchange students have priority over other exchange students. Geography exchange students have priority over other exchange students. Geography exchange students have priority over other exchange students.
Master's programme in geography	GEOG-348 GEOG-349 GEOG-350 GEOG-351 GEOG-352 GEOG-353	Area-based conservation  Cartographic visualization in GIS  Geographies of Time  Mapping and analysing ecosystems  Geographies of Young People and Education  High-latitude landscapes and ecosystems field course	5 α	3. period Intensive period (May) 1. period 4. period 2. period Intensive period (May)	contact teaching contact teaching contact teaching contact teaching contact teaching	Geography excahange students have priority over other exchange students. Geography excahange students have priority over other exchange students. Geography excahange students. Geography excahange students have priority over other exchange students have priority over other exchange students have priority over other exchange students. Geography excahange students have priority over other exchange students have priority over other exchange students have priority over other exchange students. Geography exchange students have priority over other exchange students.
Master's programme in geography  Master's programme in geography  Master's programme in geography  Master's programme in geography	GEOG-348 GEOG-349 GEOG-350 GEOG-351 GEOG-352 GEOG-353 GEOG-354	Area-based conservation  Cartographic visualization in GIS  Geographies of Time  Mapping and analysing ecosystems  Geographies of Young People and Education  High-latitude landscapes and ecosystems field course  Urban Geography: Growth, housing and planning	5 α	3. period Intensive period (May) 1. period 4. period 2. period	contact teaching	Geography excahange students have priority over other exchange students. Geography excahange students have priority over other exchange students. Geography exchange students have priority over other exchange students have priority over other exchange students. Geography excahange students have priority over other exchange students.
Master's programme in geography	GEOG-348 GEOG-349 GEOG-350 GEOG-351 GEOG-352 GEOG-353	Area-based conservation  Cartographic visualization in GIS  Geographies of Time  Mapping and analysing ecosystems  Geographies of Young People and Education  High-latitude landscapes and ecosystems field course	5 cr 5 cr 5 cr 5 cr 5 cr 5 cr	3. period Intensive period (May) 1. period 4. period 2. period Intensive period (May)	contact teaching contact teaching contact teaching contact teaching contact teaching	Geography excahange students have priority over other exchange students. Geography excahange students. Geography excahange students have priority over other exchange students have priority over other exchange students. Geography excahange students have priority over other exchange students have priority over other exchange students. Geography excahange students have priority over other exchange students have priority over other exchange students. Geography excahange students have priority over other exchange students.
Master's programme in geography	GEOG-348 GEOG-349 GEOG-350 GEOG-351 GEOG-352 GEOG-353 GEOG-354	Area-based conservation  Cartographic visualization in GIS  Geographies of Time  Mapping and analysing ecosystems  Geographies of Young People and Education  High-latitude landscapes and ecosystems field course  Urban Geography: Growth, housing and planning	5 cr	3. period Intensive period (May) 1. period 4. period 2. period Intensive period (May) 2. period	contact teaching	Geography excahange students have priority over other exchange students. Geography excahange students. Geography excahange students have priority over other exchange students have priority over other exchange students. Geography excahange students have priority over other exchange students have priority over other exchange students. Geography excahange students have priority over other exchange students have priority over other exchange students. Geography excahange students have priority over other exchange students have priority over
Master's programme in geography	GEOG-348 GEOG-349 GEOG-350 GEOG-351 GEOG-352 GEOG-353 GEOG-354 GEOG-359	Area-based conservation  Cartographic visualization in GIS  Geographies of Time  Mapping and analysing ecosystems  Geographies of Young People and Education  High-latitude landscapes and ecosystems field course  Urban Geography: Growth, housing and planning  Digital geographies and big data for society	5 cr	3. period Intensive period (May) 1. period 4. period 2. period Intensive period (May) 2. period 2. period	contact teaching	Geography excahange students have priority over other exchange students. Geography excahange students have priority over other exchange students. Geography excahange students have priority over other exchange students have priority over other exchange students have priority over other exchange students. Geography exchange students have priority over other exchange students.
Master's programme in geography	GEOG-348 GEOG-349 GEOG-350 GEOG-351 GEOG-352 GEOG-353 GEOG-353 GEOG-359 GEOG-360	Area-based conservation  Cartographic visualization in GIS  Geographies of Time  Mapping and analysing ecosystems  Geographies of Young People and Education  High-latitude landscapes and ecosystems field course  Urban Geography: Growth, housing and planning  Digital geographies and big data for society  Remote sensing of chryosphere	\$\alpha\$ \$\a	3. period Intensive period (May) 1. period 4. period 2. period Intensive period (May) 2. period 2. period 2. period 2. period 2. period	contact teaching	Geography excahange students have priority over other exchange students. Geography excahange students. Geography excahange students have priority over other exchange students. Geography excahange students have priority over other exchange students. Geography excahange students have priority over other exchange students. Geography excahange students have priority over other exchange students have priority over other exchange students. Geography excahange students have priority over other exchange students have priority over other exchange students. Geography excahange students have priority over other exchange students.
Master's programme in geography	GEOG-348 GEOG-349 GEOG-350 GEOG-351 GEOG-352 GEOG-353 GEOG-354 GEOG-360 GEOG-360	Area-based conservation  Cartographic visualization in GIS  Geographies of Time  Mapping and analysing ecosystems  Geographies of Young People and Education  High-latitude landscapes and ecosystems field course  Urban Geography: Growth, housing and planning  Digital geographies and big data for society  Remote sensing of chryosphere  Urban planning	\$\alpha\$ \$\a	3. period Intensive period (May) 1. period 4. period 2. period Intensive period (May) 2. period 2. period 2. period 3. period 3. period	contact teaching	Geography excahange students have priority over other exchange students. Geography excahange students. Geography excahange students have priority over other exchange students. Geography excahange students have priority over other exchange students. Geography excahange students have priority over other exchange students. Geography excahange students have priority over other exchange students. Geography excahange students have priority over other exchange students have priority over other exchange students. Geography excahange students have priority over other exchange students h
Master's programme in geography	GEOG-348 GEOG-349 GEOG-350 GEOG-351 GEOG-352 GEOG-353 GEOG-354 GEOG-359 GEOG-360 GEOG-361 GEOG-362	Area-based conservation  Cartographic visualization in GIS  Geographies of Time  Mapping and analysing ecosystems  Geographies of Young People and Education  High-latitude landscapes and ecosystems field course  Urban Geography: Growth, housing and planning  Digital geographies and big data for society  Remote sensing of chryosphere  Urban planning  Politics of knowing: sustainable development in global world	5 cr	3. period Intensive period (May) 1. period 4. period 2. period Intensive period (May) 2. period 2. period 2. period 3. period 3. period 3. period	contact teaching	Geography excahange students have priority over other exchange students. Geography excahange students. Geography excahange students have priority over other exchange students. Geography excahange students have priority over other exchange students. Geography excahange students have priority over other exchange students. Geography excahange students have priority over other exchange students. Geography excahange students have priority over other exchange students. Geography excahange students have priority over other exchange students have priority over other exchange students. Geography excahange students have priority over other exchange students. Geography excahange students have priority over other exchange students. Geography excahange students have priority over other exchange students.
Master's programme in geography	GEOG-348 GEOG-349 GEOG-350 GEOG-351 GEOG-352 GEOG-353 GEOG-354 GEOG-359 GEOG-360 GEOG-361 GEOG-362 GEOG-363	Area-based conservation  Cartographic visualization in GIS  Geographies of Time  Mapping and analysing ecosystems  Geographies of Young People and Education  High-latitude landscapes and ecosystems field course  Urban Geography: Growth, housing and planning  Digital geographies and big data for society  Remote sensing of chryosphere  Urban planning  Politics of knowing: sustainable development in global world  Sustainability readings in geography	5 cr	3. period Intensive period (May) 1. period 4. period 2. period Intensive period (May) 2. period 2. period 2. period 2. period 3. period 3. period 1.8.2025-31.7.2026	contact teaching	Geography excahange students have priority over other exchange students. Geography excahange students have priority over other exchange students have priority over other exchange students. Geography excahange students have priority over other exchange students. Geography excahange students have priority over other exchange students have priority over other exchange students. Geography excahange students have priority over other exchange students have priority over other exchange students. Geography excahange students have priority over other exchange students. Geography excahange students have priority over other exchange students. Geography excahange students have priority over other exchange students. Geography excahange students have priority over other exchange students have priority over othe
Master's programme in geography	GEOG-348 GEOG-349 GEOG-350 GEOG-351 GEOG-352 GEOG-353 GEOG-354 GEOG-359 GEOG-360 GEOG-361 GEOG-363 GEOG-363	Area-based conservation  Cartographic visualization in GIS  Geographies of Time  Mapping and analysing ecosystems  Geographies of Young People and Education  High-latitude landscapes and ecosystems field course  Urban Geography: Growth, housing and planning  Digital geographies and big data for society  Remote sensing of chryosphere  Urban planning  Politics of knowing: sustainable development in global world  Sustainability readings in geography  Introduction to Advanced Geoinformatics	5 cr	3. period Intensive period (May) 1. period 4. period 2. period Intensive period (May) 2. period 2. period 2. period 3. period 3. period 1.8.2025-31.7.2026 3. period	contact teaching	Geography excahange students have priority over other exchange students. Geography excahange students. Geography excahange students have priority over other exchange students have priority over other exchange students. Geography excahange students have priority over other exchange students have priority over other exchange students. Geography excahange students have priority over other exchange students have priority over other exchange students. Geography excahange students have priority over other exchange students. Geography excahange students have priority over other exchange students. Geography excahange students have priority over other exchange students have priority over other exchange students. Geography excahange students have priority over other exchange students. Geography excahange students have priority over other exchange students. Geography excahange students have priority over other exchange studen
Master's programme in geography	GEOG-348 GEOG-349 GEOG-350 GEOG-351 GEOG-352 GEOG-353 GEOG-353 GEOG-354 GEOG-359 GEOG-360 GEOG-361 GEOG-362 GEOG-363 GEOG-363 GEOG-3630 GEOG-G301	Area-based conservation  Cartographic visualization in GIS  Geographies of Time  Mapping and analysing ecosystems  Geographies of Young People and Education  High-latitude landscapes and ecosystems field course  Urban Geography: Growth, housing and planning  Digital geographies and big data for society  Remote sensing of chryosphere  Urban planning  Politics of knowing: sustainable development in global world  Sustainability readings in geography  Introduction to Advanced Geoinformatics  Introduction to remote sensing of the environment  Quantitative methods of data analysis in geography	5 cr	3. period Intensive period (May) 1. period 4. period 2. period Intensive period (May) 2. period 2. period 2. period 3. period 3. period 1. 8.2025-31.7.2026 3. period 1. period 1. period 1. period 1. period	contact teaching	Geography excahange students have priority over other exchange students. Geography excahange students have priority over other exchange students. Geography excahange students have priority over other exchange students have priority over other exchange students. Geography exchange students have priority over other exchange students have priority over other exchange students. Geography excahange students have priority over other exchange students. Geography excahange students have priority over other exchange students have priority over other exchange students. Geography excahange students have priority over other exchange students have priority over other exchang
Master's programme in geography	GEOG-348 GEOG-349 GEOG-350 GEOG-351 GEOG-352 GEOG-353 GEOG-353 GEOG-354 GEOG-359 GEOG-360 GEOG-361 GEOG-362 GEOG-363 GEOG-363 GEOG-G301 GEOG-G302 GEOG-G306	Area-based conservation  Cartographic visualization in GIS  Geographies of Time  Mapping and analysing ecosystems  Geographies of Young People and Education  High-latitude landscapes and ecosystems field course  Urban Geography: Growth, housing and planning  Digital geographies and big data for society  Remote sensing of chryosphere  Urban planning  Politics of knowing: sustainable development in global world  Sustainability readings in geography  Introduction to Advanced Geoinformatics  Introduction to remote sensing of the environment  Quantitative methods of data analysis in geography  Advanced seminar in Geoinformatics	\$\alpha\$ \$\a	3. period Intensive period (May) 1. period 4. period 2. period Intensive period (May) 2. period 2. period 2. period 3. period 3. period 3. period 4. 8.2025-31.7.2026 3. period 1. period 1. period 1. period 1. period 1	contact teaching	Geography excahange students have priority over other exchange students. Geography excahange students have priority over other exchange students. Geography excahange students have priority over other exchange students have priority over other exchange students have priority over other exchange students. Geography excahange students have priority over other exchange students have priority over other exchange students have priority over other exchange students. Geography excahange students have priority over other exchange students have priority over other exchange students. Geography excahange students have priority over other exchange students. Geography excahange students have priority over other exchange students. Geography excahange students have priority over other exchange students h
Master's programme in geography	GEOG-348 GEOG-349 GEOG-350 GEOG-351 GEOG-352 GEOG-353 GEOG-353 GEOG-354 GEOG-359 GEOG-360 GEOG-361 GEOG-362 GEOG-363 GEOG-363 GEOG-3630 GEOG-G301	Area-based conservation  Cartographic visualization in GIS  Geographies of Time  Mapping and analysing ecosystems  Geographies of Young People and Education  High-latitude landscapes and ecosystems field course  Urban Geography: Growth, housing and planning  Digital geographies and big data for society  Remote sensing of chryosphere  Urban planning  Politics of knowing: sustainable development in global world  Sustainability readings in geography  Introduction to Advanced Geoinformatics  Introduction to remote sensing of the environment  Quantitative methods of data analysis in geography	\$\alpha\$ \$\a	3. period Intensive period (May) 1. period 4. period 2. period Intensive period (May) 2. period 2. period 2. period 3. period 3. period 1. 8.2025-31.7.2026 3. period 1. period 1. period 1. period 1. period	contact teaching	Geography exchange students have priority over other exchange students. Geography exchange students have priority over other exchange students. Geography exchange students have priority over other exchange students have priority over other exchange students have priority over other exchange students. Geography exchange students have priority over other exchange students. Geography exchange students have priority over other exchange students have priority over other exchange students. Geography exchange students have priority over other
Master's programme in geography	GEOG-348 GEOG-349 GEOG-350 GEOG-351 GEOG-352 GEOG-353 GEOG-353 GEOG-354 GEOG-359 GEOG-360 GEOG-361 GEOG-362 GEOG-363 GEOG-363 GEOG-G301 GEOG-G302 GEOG-G306	Area-based conservation  Cartographic visualization in GIS  Geographies of Time  Mapping and analysing ecosystems  Geographies of Young People and Education  High-latitude landscapes and ecosystems field course  Urban Geography: Growth, housing and planning  Digital geographies and big data for society  Remote sensing of chryosphere  Urban planning  Politics of knowing: sustainable development in global world  Sustainability readings in geography  Introduction to Advanced Geoinformatics  Introduction to remote sensing of the environment  Quantitative methods of data analysis in geography  Advanced seminar in Geoinformatics	5 cr	3. period Intensive period (May) 1. period 4. period 2. period Intensive period (May) 2. period 2. period 2. period 3. period 3. period 3. period 4. 8.2025-31.7.2026 3. period 1. period 1. period 1. period 1. period 1	contact teaching	Geography excahange students have priority over other exchange students. Geography excahange students have priority over other exchange students. Geography excahange students have priority over other exchange students. Geography excahange students have priority over other exchange students. Geography excahange students have priority over other exchange students. Geography excahange students have priority over other exchange students. Geography excahange students have priority over other exchange students have priority over other exchange students. Geography excahange students have priority over other exchange students. Geography excahange students have priority over other exchange students. Geography excahange students have priority over other exchange students. Geography excahange students have priority over other exchange students. Geography excahange students have priority over other exchange students have priority over other exchange students. Geography excahange students have priority over other exchange students have priority over other exchange students. Geography excahange students have priority over other exchange students. Geography excahange students have priority over other exchange students have priority over other exchange students. Geography excahange students have priority over other exchange students have priority over other exchange students. Geography excahange students have priority over other exchange students. Geography excahange students have priority over other exchange students. Geography excahange students have priority over other exchange students have priority over other exchange students.
Master's programme in geography	GEOG-348 GEOG-349 GEOG-350 GEOG-351 GEOG-352 GEOG-353 GEOG-354 GEOG-359 GEOG-360 GEOG-361 GEOG-362 GEOG-363 GEOG-363 GEOG-363 GEOG-G301 GEOG-G302 GEOG-G306 GEOG-G308	Area-based conservation  Cartographic visualization in GIS  Geographies of Time  Mapping and analysing ecosystems  Geographies of Young People and Education  High-latitude landscapes and ecosystems field course  Urban Geography: Growth, housing and planning  Digital geographies and big data for society  Remote sensing of chryosphere  Urban planning  Politics of knowing: sustainable development in global world  Sustainability readings in geography  Introduction to Advanced Geoinformatics  Introduction to remote sensing of the environment  Quantitative methods of data analysis in geography  Advanced seminar in Geoinformatics  Qualitative research techniques and analysis in human geography	\$\alpha\$ \$\a	3. period Intensive period (May) 1. period 4. period 2. period Intensive period (May) 2. period 2. period 2. period 3. period 3. period 3. period 1.8. 2025-31.7.2026 3. period 1. period 1. period 1. period 1. period 1. period 1. period	contact teaching including both contact and distance	Geography excahange students have priority over other exchange students. Geography excahange students have priority over other exchange students. Geography excahange students have priority over other exchange students. Geography excahange students have priority over other exchange students have priority over other exchange students. Geography excahange students have priority over other exchange students. Geography excahange students have priority over other exchange students. Geography excahange students have priority over other exchange students. Geography excahange students have priority over other exchange students. Geography excahange students have priority over other exchange students. Geography excahange students have priority over other exchange students. Geography excahange students have priority over other exchange students. Geography excahange students have priority over other exchange students have priority over other exchange students. Geography excahange students have priority over other exchange students.  Geography excahange students have priority over other exchange s
Master's programme in geography	GEOG-348 GEOG-349 GEOG-350 GEOG-351 GEOG-352 GEOG-353 GEOG-353 GEOG-354 GEOG-359 GEOG-360 GEOG-361 GEOG-362 GEOG-363	Area-based conservation  Cartographic visualization in GIS  Geographies of Time  Mapping and analysing ecosystems  Geographies of Young People and Education  High-latitude landscapes and ecosystems field course  Urban Geography: Growth, housing and planning  Digital geographies and big data for society  Remote sensing of chryosphere  Urban planning  Politics of knowing: sustainable development in global world  Sustainability readings in geography  Introduction to Advanced Geoinformatics  Introduction to remote sensing of the environment  Quantitative methods of data analysis in geography  Advanced seminar in Geoinformatics  Qualitative research techniques and analysis in human geography  Quantitative research techniques and analysis in human geography	\$\alpha\$ \$\a	3. period Intensive period (May) 1. period 4. period 2. period Intensive period (May) 2. period 2. period 2. period 3. period 3. period 3. period 4. 8. 2025-31.7.2026 3. period 1. period 1. period 1. period 1. period 1. period 2. period 2. period 3. period 4. period 5. period 6. period 7. period 7. period 8. period 9. period	contact teaching including both contact and distance teaching (aka. blended teaching)	Geography excahange students have priority over other exchange students. Geography excahange students have priority over other exchange students. Geography excahange students have priority over other exchange students. Geography excahange students have priority over other exchange students. Geography excahange students have priority over other exchange students. Geography excahange students have priority over other exchange students. Geography excahange students have priority over other exchange students. Geography excahange students have priority over other exchange students. Geography excahange students have priority over other exchange students. Geography excahange students have priority over other exchange students. Geography excahange students have priority over other exchange studen
Master's programme in geography	GEOG-348 GEOG-349 GEOG-350 GEOG-351 GEOG-352 GEOG-353 GEOG-353 GEOG-354 GEOG-359 GEOG-360 GEOG-361 GEOG-362 GEOG-363 GEOG-363 GEOG-G301 GEOG-G302 GEOG-G306 GEOG-G302 GEOG-G306 GEOG-G308	Area-based conservation  Cartographic visualization in GIS  Geographies of Time  Mapping and analysing ecosystems  Geographies of Young People and Education  High-latitude landscapes and ecosystems field course  Urban Geography: Growth, housing and planning  Digital geographies and big data for society  Remote sensing of chryosphere  Urban planning  Politics of knowing: sustainable development in global world  Sustainability readings in geography  Introduction to Advanced Geoinformatics  Introduction to remote sensing of the environment  Quantitative methods of data analysis in geography  Advanced seminar in Geoinformatics  Qualitative research techniques and analysis in human geography  Argumentation in Human Geography	\$\alpha\$ \$\a	3. period Intensive period (May) 1. period 4. period 2. period 2. period 2. period 2. period 3. period 3. period 3. period 4. 8. 2025-31.7.2026 3. period 1. period 1. period 1. period 2. period 2. period 3. period 3. period 4. period 5. period 6. period 7. period 7. period 8. period 9. period	contact teaching	Geography exchange students have priority over other exchange students. Geography exchange students have priority over other exchange students. Geography exchange students have priority over other exchange students. Geography exchange students. Geography exchange students. Geography exchange students. Geography exchange students have priority over other exchange students. Geography exchange students have priority over other exchange students. Geography exchange students. Geography exchange students. Geography exchange students have priority over other exchange students. Geography exchange students have priority over other exchange students. Geography exchange students have priority over other exchange students. Geography exchange students have priority over other exchange students. Geography exchange students have priority over other exchange students. Geography exchange students have priority over other exchange students. Geography exchange students have priority over other exchange students have priority over other exchange students. Geography exchange students have priority over other exchange students have priority over o
Master's programme in geography	GEOG-348 GEOG-349 GEOG-350 GEOG-351 GEOG-352 GEOG-353 GEOG-353 GEOG-354 GEOG-359 GEOG-360 GEOG-361 GEOG-362 GEOG-363 GEOG-363 GEOG-363 GEOG-363 GEOG-G301 GEOG-G302 GEOG-G306 GEOG-G305 GEOG-G306 GEOG-G306 GEOG-G308 GEOG-G308 GEOG-G308 GEOG-G308 GEOG-G308 GEOG-H308 GEOG-H308	Area-based conservation  Cartographic visualization in GIS  Geographies of Time  Mapping and analysing ecosystems  Geographies of Young People and Education  High-latitude landscapes and ecosystems field course  Urban Geography: Growth, housing and planning  Digital geographies and big data for society  Remote sensing of chryosphere  Urban planning  Politics of knowing: sustainable development in global world  Sustainability readings in geography  Introduction to Advanced Geoinformatics  Introduction to remote sensing of the environment  Quantitative methods of data analysis in geography  Advanced seminar in Geoinformatics  Qualitative research techniques and analysis in human geography  Argumentation in Human Geography - autumn part  Advanced Seminar in Human Geography - autumn part	\$\alpha\$ \$\a	3. period Intensive period (May) 1. period 4. period 2. period 2. period Intensive period (May) 2. period 2. period 3. period 3. period 3. period 4. 8.2025-31.7.2026 3. period 1. period 1. period 1. period 1. period 2. period 3. period 3. period 4. period 1. period 1. period 14. period 1. period 34. period 34. period 34. period 34. period	contact teaching	Geography excahange students have priority over other exchange students. Geography excahange students have priority over other exchange students. Geography excahange students have priority over other exchange students. Geography excahange students have priority over other exchange students. Geography excahange students have priority over other exchange students. Geography excahange students have priority over other exchange students. Geography excahange students have priority over other exchange students. Geography excahange students have priority over other exchange students. Geography excahange students have priority over other exchange students. Geography exchange students have priority over other exchange students. Geography exchange students have priority over other exchange students have priority over other exchange students. Geography exchange students have priority over other exchange students have priority over other exchange students. Geography exchange students have priority over other exchange students have priority over other exchange students. Geography excahange students have priority over other exchange students have priority over other exchange students.  Geography excahange students have priority over other exchange students have prio
Master's programme in geography	GEOG-348 GEOG-349 GEOG-350 GEOG-351 GEOG-352 GEOG-353 GEOG-353 GEOG-354 GEOG-359 GEOG-360 GEOG-361 GEOG-362 GEOG-363 GEOG-363 GEOG-363 GEOG-363 GEOG-G301 GEOG-G302 GEOG-G306 GEOG-G306 GEOG-G306 GEOG-G308 GEOG-G308	Area-based conservation  Cartographic visualization in GIS  Geographies of Time  Mapping and analysing ecosystems  Geographies of Young People and Education  High-latitude landscapes and ecosystems field course  Urban Geography: Growth, housing and planning  Digital geographies and big data for society  Remote sensing of chryosphere  Urban planning  Politics of knowing: sustainable development in global world  Sustainability readings in geography  Introduction to Advanced Geoinformatics  Introduction to remote sensing of the environment  Quantitative methods of data analysis in geography  Advanced seminar in Geoinformatics  Quantitative research techniques and analysis in human geography  Argumentation in Human Geography - autumn part	\$ \arr \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	3. period Intensive period (May) 1. period 4. period 2. period 2. period 2. period 2. period 3. period 3. period 3. period 4. period 1. 8. 2025-31.7.2026 3. period 1. period 1. period 1. period 2. period 3. period 4. period 5. period 6. period 7. period 8. period 9. period 9. period 1. period	contact teaching	Geography excahange students have priority over other exchange students. Geography excahange students have priority over other exchange students. Geography excahange students have priority over other exchange students. Geography excahange students. Geography excahange students have priority over other exchange students. Geography excahange students have priority over other exchange students. Geography excahange students have priority over other exchange students. Geography excahange students have priority over other exchange students. Geography excahange students have priority over other exchange students. Geography excahange students have priority over other exchange students. Geography exchange students have priority over other exchange students. Geography excahange students have priority over other exchange students. Geography excahange students have priority over other exchange students. Geography excahange students have priority over other exchange students. Geography excahange students have priority over other exchange students. Geography excahange students have priority over other exchange students.  Geography excahange students have priority over other exchange students.  Geography excahange students have priority over other exchange students have priority over other exchange students.  Geography excahange students have priority over other exchange students have priority
Master's programme in geography	GEOG-348 GEOG-349 GEOG-350 GEOG-351 GEOG-352 GEOG-353 GEOG-353 GEOG-354 GEOG-359 GEOG-360 GEOG-361 GEOG-362 GEOG-363 GEOG-3630 GEOG-3630 GEOG-G306 GEOG-G306 GEOG-G306 GEOG-G306 GEOG-G306 GEOG-G306 GEOG-G308 GEOG-G308 GEOG-H301	Area-based conservation  Cartographic visualization in GIS  Geographies of Time  Mapping and analysing ecosystems  Geographies of Young People and Education  High-latitude landscapes and ecosystems field course  Urban Geography: Growth, housing and planning  Digital geographies and big data for society  Remote sensing of chryosphere  Urban planning  Politics of knowing: sustainable development in global world  Sustainability readings in geography  Introduction to Advanced Geoinformatics  Introduction to remote sensing of the environment  Quantitative methods of data analysis in geography  Advanced seminar in Geoinformatics  Qualitative research techniques and analysis in human geography  Argumentation in Human Geography - autumn part  Advanced Seminar in Human Geography - autumn part  Advanced Seminar in Human Geography - spring part  Spatial Aquatic Research	\$\alpha\$	3. period Intensive period (May) 1. period 4. period 2. period 2. period 2. period 3. period 3. period 3. period 4. 8. 2025-31.7.2026 3. period 1. Period 1. Period 1. Period 1. Period 1. Period 1. Period 14. period 12. period 34. period 12. period	contact teaching	Geography excahange students have priority over other exchange students. Geography excahange students have priority over other exchange students. Geography excahange students have priority over other exchange students. Geography excahange students have priority over other exchange students. Geography excahange students have priority over other exchange students. Geography excahange students have priority over other exchange students. Geography excahange students have priority over other exchange students. Geography excahange students have priority over other exchange students. Geography excahange students have priority over other exchange students. Geography excahange students have priority over other exchange students have priority over other exchange students. Geography exchange students have priority over other exchange students have priority over other exchange students. Geography exchange students have priority over other exchange students. Geography exchange students. Geography exchange students. Geography exchange students have priority over other exchange students have priority over other exchange students. Geography exchange students have priority over other
Master's programme in geography	GEOG-348 GEOG-349 GEOG-349 GEOG-350 GEOG-351 GEOG-352 GEOG-353 GEOG-353 GEOG-354 GEOG-360 GEOG-361 GEOG-362 GEOG-363 GEOG-363 GEOG-363 GEOG-363 GEOG-G306 GEOG-H301	Area-based conservation  Cartographic visualization in GIS  Geographies of Time  Mapping and analysing ecosystems  Geographies of Young People and Education  High-latitude landscapes and ecosystems field course  Urban Geography: Growth, housing and planning  Digital geographies and big data for society  Remote sensing of chryosphere  Urban planning  Politics of knowing: sustainable development in global world  Sustainability readings in geography  Introduction to Advanced Geoinformatics  Introduction to remote sensing of the environment  Quantitative methods of data analysis in geography  Advanced seminar in Geoinformatics  Qualitative research techniques and analysis in human geography  Argumentation in Human Geography - autumn part  Advanced Seminar in Human Geography - spring part  Spatial Aquatic Research  Modelling in Physical Geography	\$\alpha\$	3. period Intensive period (May) 1. period 4. period 2. period 2. period 2. period 3. period 3. period 3. period 4. 8. 2025-31.7.2026 5. period 1. period	contact teaching	Geography excahange students have priority over other exchange students. Geography excahange students have priority over other exchange students. Geography excahange students have priority over other exchange students. Geography excahange students have priority over other exchange students. Geography excahange students have priority over other exchange students. Geography excahange students have priority over other exchange students. Geography excahange students have priority over other exchange students. Geography excahange students have priority over other exchange students. Geography excahange students have priority over other exchange students. Geography excahange students have priority over other exchange students. Geography excahange students have priority over other exchange students have priority over other exchange students. Geography exchange students have priority over other exchange students have priority over other exchange students. Geography exchange students have priority over other exchange students. Geography exchange students. Geography exchange students have priority over other exchange students.  Geography exchange students have priority over other exchange students have priority over other exchange students.  Geography exchange students have priority over other exchange students have priority over other exchange students.  Geography exchange students have priority over other exchange students have priority over other exchange students.  Geography exchange students have priority over other exchange students have priority over other exchange students.  Geography exchange students have priority over other exchange students have priority over other exchange students.  Geography exchange students have priority over other exchange students ha
Master's programme in geography  Master's programme in geography	GEOG-348 GEOG-349 GEOG-349 GEOG-350 GEOG-351 GEOG-352 GEOG-353 GEOG-353 GEOG-354 GEOG-360 GEOG-361 GEOG-362 GEOG-363	Area-based conservation  Cartographic visualization in GIS  Geographies of Time  Mapping and analysing ecosystems  Geographies of Young People and Education  High-latitude landscapes and ecosystems field course  Urban Geography: Growth, housing and planning  Digital geographies and big data for society  Remote sensing of chryosphere  Urban planning  Politics of knowing: sustainable development in global world  Sustainability readings in geography  Introduction to Advanced Geoinformatics  Introduction to Advanced Geoinformatics  Introduction to remote sensing of the environment  Quantitative methods of data analysis in geography  Advanced seminar in Geoinformatics  Qualitative research techniques and analysis in human geography  Argumentation in Human Geography - autumn part  Advanced Seminar in Human Geography - spring part  Spatial Aquatic Research  Modelling in Physical Geography  Research planning in physical geography	\$ \text{ \$\text{cr} \$ \text{cr} \$ \text{cr} \$ \text{cr} \$ \text{cr} \$ \text{cr} \$ \tex	3. period Intensive period (May) 1. period 4. period 2. period Intensive period (May) 2. period 2. period 3. period 3. period 3. period 4. 8. 2025-31.7.2026 3. period 1. period 1. period 1. period 2. period 2. period 3. period 1. period 1. period 1. period 1. period 1. period 2. period 2. period 34. period 12. period 34. period 1. period 1. period 34. period 1. period 35. period 36. period 36. period 37. period 4. period 5. period 5. period 5. period 6. period 7. period 7. period 8. period 9. period	contact teaching	Geography exchange students have priority over other exchange students. Geography exchange students have priority over other exchange students. Geography exchange students have priority over other exchange students. Geography exchange students have priority over other exchange students. Geography exchange students have priority over other exchange students. Geography exchange students have priority over other exchange students. Geography exchange students have priority over other exchange students. Geography exchange students have priority over other exchange students. Geography exchange students have priority over other exchange students. Geography exchange students have priority over other exchange students. Geography exchange students have priority over other exchange students. Geography exchange students have priority over other exchange students. Geography exchange students have priority over other exchange students. Geography exchange students have priority over other exchange students. Geography exchange students have priority over other exchange students have priority over other exchange students have priority over other exchange students. Geography exchange students have priority over other exchange students have priority over other exchange students. Geography exchange students have priority over other exchange students have priority over other exchange students. Geography exchange students have priority over other exchange students have priority over o
Master's programme in geography	GEOG-348 GEOG-349 GEOG-349 GEOG-350 GEOG-351 GEOG-352 GEOG-353 GEOG-353 GEOG-354 GEOG-360 GEOG-361 GEOG-362 GEOG-363 GEOG-363 GEOG-363 GEOG-363 GEOG-G306 GEOG-H301	Area-based conservation  Cartographic visualization in GIS  Geographies of Time  Mapping and analysing ecosystems  Geographies of Young People and Education  High-latitude landscapes and ecosystems field course  Urban Geography: Growth, housing and planning  Digital geographies and big data for society  Remote sensing of chryosphere  Urban planning  Politics of knowing: sustainable development in global world  Sustainability readings in geography  Introduction to Advanced Geoinformatics  Introduction to remote sensing of the environment  Quantitative methods of data analysis in geography  Advanced seminar in Geoinformatics  Qualitative research techniques and analysis in human geography  Argumentation in Human Geography - autumn part  Advanced Seminar in Human Geography - spring part  Spatial Aquatic Research  Modelling in Physical Geography	\$\alpha\$	3. period Intensive period (May) 1. period 4. period 2. period 2. period 2. period 3. period 3. period 3. period 4. 8. 2025-31.7.2026 5. period 1. period	contact teaching	Geography excahange students have priority over other exchange students. Geography excahange students have priority over other exchange students. Geography excahange students have priority over other exchange students. Geography excahange students have priority over other exchange students have priority over other exchange students have priority over other exchange students. Geography excahange students have priority over other exchange students. Geography excahange students have priority over other exchange students. Geography excahange students have priority over other exchange students. Geography excahange students have priority over other exchange students. Geography excahange students have priority over other exchange students. Geography excahange students have priority over other exchange students. Geography excahange students have priority over other exchange students have priority over other exchange students. Geography excahange students have priority over other exchange students have priority over other exchange students have priority over other exchange students. Geography excahange students have priority over other exchange students.  Geography excahange s

Master's Programme in Geology and Geophysics	GEOM2038	Solid Earth Geochemical Methods	5 cr	2. period	Contact teaching	
Master's Programme in Geology and Geophysics	GEOM2007	Environmental Geochemistry	5 cr	12. period	including both contact and distance teaching (aka. blended teaching)	
Master's Programme in Geology and Geophysics	GEOM2019	Igneous petrology	5 cr	1. period	Contact teaching	
Master's Programme in Geology and Geophysics  Master's Programme in Geology and Geophysics	GEOM2021 GEOM2027	Introduction to Quantitative Geology  Metamorphic Petrology	5 cr	2 .period 2. period	Contact teaching Contact teaching	
Master's Programme in Geology and Geophysics	GEOM2047	Bedrock Hydrogeology	5 cr	4. period	Contact teaching	
Master's Programme in Geology and Geophysics Master's Programme in Geology and Geophysics	GEOM2040 GEOM2030	Hydrogeochemical Modelling Petrophysics	5 cr 5 cr	1. period 2. period	Contact teaching Contact teaching	
Master's Programme in Geology and Geophysics	GEOM2029	Methods of mineral exploration	5 cr	Intensive period in August 2025 (25.8.– 31.8.)	Contact teaching	
Master's Programme in Geology and Geophysics	GEOM2036	Sedimentary petrology	5 cr	3. period	Contact teaching	
						Course is run usually in Finnish, but instructions can be given in English, if
Mastada Draggamma in Canlage and Canabasian	GEOM2018	Quality of Groundwater	5 cr	3. period	Contact teaching	needed. Material and assignments are also available in English.
Master's Programme in Geology and Geophysics	GEOM2018	Quality of Groundwater	5 cr	4 and/or Intensive period in May		avaliable III Eligiisii.
Master's Programme in Geology and Geophysics Master's Programme in Geology and Geophysics	GEOM2051 GEOM2016	3D Geological Modelling Human Impacts on the Biosphere over the Quaternary Period	3 cr 5 cr	2026 (4.5.–31.5.) 2. period	Contact teaching Contact teaching	
Master's Programme in Geology and Geophysics	GEOM2035	Quaternary Geology	5 cr	3. period	Contact teaching	
Master's Programme in Geology and Geophysics	GEOM2014	Glacial Geology	5 cr	<ol> <li>and 3. periods (general exam days)</li> </ol>	Contact teaching	
Master's Programme in Geology and Geophysics	GEOM2067	Methods in paleoenvironmental reconstructions	5 cr	1. period	Contact teaching	
Master's Programme in Geology and Geophysics Master's Programme in Geology and Geophysics	GEOM2010 GEOM2009	Fossil recognition and introduction to invertebrate paleontology  Formation of the Fossil Record	5 cr	1. period 4. period	Contact teaching Contact teaching	•
Master's Programme in Geology and Geophysics Master's Programme in Geology and Geophysics	GEOM2033 GEOM2004	Quantifying the past Carnivore Evolution	5 cr 5 cr	3. period 2. period	Contact teaching Contact teaching	
				Intensive period in May 2026		
Master's Programme in Geology and Geophysics Master's Programme in Geology and Geophysics	GEOM2002 GEOM2022	All about teeth Introduction to the Pleistocene	5 cr	(4.5.–31.5.) 4. period	Contact teaching Contact teaching	
Master's Programme in Geology and Geophysics	GEOM2025	Lithosphere structure and dynamics	5 cr	12 .period	Contact teaching	
Master's Programme in Geology and Geophysics  Master's Programme in Geology and Geophysics	GEOM2006 GEOM2042	Earthquake seismology Theory of Seismic Waves	5 cr	4. period 2. period	Contact teaching Contact teaching	
	GEOM2037	Seismogram and time series analysis	5 cr	Intensive period in August 2025 (25.8.– 31.8.)	Contact teaching	
Master's Programme in Geology and Geophysics	GEOM2037	Seismogram and time series analysis	5 cr	(25.8.= 31.8.)	Contact teaching	•
Master's Programme in Geology and Geophysics	GEOM2053	Planetary Exploration	5 cr	34. period	including both contact and distance teaching (aka. blended teaching)	
Master's Programme in Geology and Geophysics	GEOM2054	Planetary geophysics	5 cr	12. period	Contact teaching	•
Master's Programme in Geology and Geophysics  Master's programme in Life Science Informatics	GEOM2055 LSI30009	Paleomagnetism  Research Seminar in Life Science Informatics	5 cr 5 cr	1. period 12. period	Contact teaching contact teaching	
Master's programme in Life Science Informatics	LSI31003	Machine Learning in Molecular Biology	5 cr	3. period	contact teaching	
Master's programme in Life Science Informatics	LSI31008	Elements of bioinformatics	5 cr	12. period	including both contact and distance teaching	
	LSI32004		5 cr	intensive period after period fou	•	
Master's programme in Life Science Informatics Master's programme in Life Science Informatics	LSI32004 LSI33003	Intensive multidisciplinary course: Analyzing the changing world  Mathematics of infectious diseases	5 cr 10 cr	12. period	contact teaching	
Master's programme in Life Science Informatics Master's programme in Life Science Informatics	LSI34001 LSI34004	Topics in biostatistics Statistical population genetics	5 cr 5 cr	1. period 4. period	contact teaching contact teaching	
Master's programme in Life Science Informatics	LSI35002	Bayesian Data Analysis	5 cr	2. period	contact teaching	-
Master's programme in Life Science Informatics  Master's Programme in Materials Research	LSI36002 MATR301	Systems medicine seminar Introductory Course to Materials Research	5 cr 5 cr	2. period 1. period	contact teaching contact teaching	
Master's Programme in Materials Research	MATR302	Materials Characterization	5 cr	2. period	contact teaching	
Master's Programme in Materials Research Master's Programme in Materials Research	MATR3031 MATR3032	Solid state physics: crystal structure and atomic dynamics Solid state physics: electronic structure and properties	5 cr	period     period	contact teaching contact teaching	
Master's Programme in Materials Research	MATR305	Nanophysics and Nanochemistry	5 cr	2. period	contact teaching	
Master's Programme in Materials Research Master's Programme in Materials Research	MATR306 MATR308	Materials Physics Surface Physics	5 cr	1. period 2. period	contact teaching contact teaching	
Master's Programme in Materials Research	MATR3082	Physics of thin films and heterostructures	5 cr	3. period	contact teaching	
Master's Programme in Materials Research Master's Programme in Materials Research	MATR310 MATR311	Laboratory Exercises Synchrotron light in materials science	10 cr 5 cr	14. period 3. period	contact teaching contact teaching	•
Master's Programme in Materials Research Master's Programme in Materials Research	MATR316 MATR320	Nuclear Physics Nano Acoustics I	5 cr 5 cr	2. period 3. period	contact teaching contact teaching	
Master's Programme in Materials Research  Master's Programme in Materials Research	MATR320 MATR321	Nano Acoustics II		4. period	contact teaching	-
			5 cr			
Master's Programme in Materials Research	MATR323	Basics of Monte Carlo Simulations	5 cr	3. period 4. period	contact teaching	
				3. period 4. period	contact teaching	-
Master's Programme in Materials Research Master's Programme in Materials Research	MATR323	Basics of Monte Carlo Simulations	5 cr			
Master's Programme in Materials Research	MATR323 MATR324 MATR325 MATR326	Basics of Monte Carlo Simulations Monte Carlo Simulations in Physics  Molecular Dynamics Simulations Tools of High Performance Computing	5 cr 5 cr 5 cr 5 cr	4. period 2. period 4. period	contact teaching  including both contact and distance teaching (aka. blended teaching), contact teaching	
Master's Programme in Materials Research	MATR323 MATR324 MATR325 MATR326 MATR329 MATR331	Basics of Monte Carlo Simulations Monte Carlo Simulations in Physics  Molecular Dynamics Simulations Tools of High Performance Computing Optics Introduction to Biological Physics	5 cr 5 cr 5 cr 5 cr 10 cr 5 cr	2. period 4. period 34. period 1. period	contact teaching including both contact and distance teaching (aka. blended teaching), contact teaching contact teaching contact teaching	
Master's Programme in Materials Research	MATR323 MATR324 MATR325 MATR326 MATR329 MATR331 MATR332	Basics of Monte Carlo Simulations Monte Carlo Simulations in Physics  Molecular Dynamics Simulations Tools of High Performance Computing Optics Introduction to Biological Physics Introduction to Biological Physics Introduction to Biological Systems	5 cr 5 cr 5 cr 5 cr 10 cr 5 cr 5 cr	4. period 2. period 4. period 34. period 1. period 3. period 3. period	contact teaching including both contact and distance teaching (aka. Diended teaching), contact teaching contact teaching contact teaching contact teaching contact teaching contact teaching	
Master's Programme in Materials Research	MATR323 MATR324 MATR325 MATR326 MATR329 MATR331 MATR332 MATR333 MATR333	Basics of Monte Carlo Simulations Monte Carlo Simulations in Physics  Molecular Dynamics Simulations Tools of High Performance Computing Optics Introduction to Biological Physics Introduction to Biological Physics Physics of Biological Systems Modeling of Biological Systems Electronics II	5 cr 5 cr 5 cr 10 cr 5 cr 5 cr 5 cr 5 cr 10 cr	4. period  2. period  4. period  34. period  3. period  3. period  2. period  34. period	contact teaching including both contact and distance teaching (aka. blended teaching), contact teaching	
Master's Programme in Materials Research	MATR323 MATR324 MATR325 MATR326 MATR329 MATR331 MATR332 MATR333	Basics of Monte Carlo Simulations Monte Carlo Simulations in Physics  Molecular Dynamics Simulations Tools of High Performance Computing Optics Introduction to Biological Physics Physics of Biological Systems Modeling of Biological Systems	5 cr 5 cr 5 cr 5 cr 5 cr 5 cr 5 cr	4. period  2. period  4. period  34. period  1. period  3. period  2. period  4. period  4. period  4. period	contact teaching including both contact and distance teaching (aka. blended teaching), contact teaching	
Master's Programme in Materials Research	MATR323 MATR324  MATR324  MATR325 MATR326 MATR329 MATR331 MATR332 MATR333 MATR341 MATR3442 MATR3445	Basics of Monte Carlo Simulations Monte Carlo Simulations in Physics  Molecular Dynamics Simulations Tools of High Performance Computing Optics Introduction to Biological Physics Introduction to Biological Physics Physics of Biological Systems Modeling of Biological Systems Electronics II Surface Chemistry Determination of Crystal and Molecular Structures Basics in Polymer Chemistry	5 cr 5 cr 5 cr 5 cr 10 cr 5 cr 5 cr 10 cr 5 cr 5 cr 5 cr 5 cr	4. period  2. period 4. period 34. period 1. period 3. period 2. period 3. period 34. period 4. period 3. period 5. period 1. period 5. period 5. period 5. period 5. period 5. period 6. period 7. period 7. period 8. period 9. period 9. period 9. period 9. period 9. period 9. period	contact teaching including both contact and distance teaching (aka. blended teaching), contact teaching	
Master's Programme in Materials Research	MATR323 MATR324  MATR325 MATR325 MATR326 MATR331 MATR333 MATR333 MATR333 MATR3341 MATR335	Basics of Monte Carlo Simulations Monte Carlo Simulations in Physics  Molecular Dynamics Simulations Tools of High Performance Computing Optics Introduction to Biological Physics Introduction to Biological Physics Physics of Biological Systems Modeling of Biological Systems Electronics II Surface Chemistry Determination of Crystal and Molecular Structures	5 cr 5 cr 5 cr 5 cr 10 cr 5 cr 10 cr 5 cr 5 cr 5 cr	4. period  2. period  4. period  34. period  3e. period  3. period  2. period  3e. period  4. period  3e. period  4. period  5. period	contact teaching including both contact and distance teaching (aka. blended teaching), contact teaching	
Master's Programme in Materials Research	MATR323  MATR324  MATR325  MATR325  MATR326  MATR329  MATR331  MATR332  MATR332  MATR332  MATR335  MATR341  MATR346  MATR347  MATR347	Basics of Monte Carlo Simulations Monte Carlo Simulations in Physics  Molecular Dynamics Simulations Tools of High Performance Computing Optics Introduction to Biological Physics Introduction to Biological Physics Introduction to Biological Systems Electronics II Surface Chemistry Determination of Crystal and Molecular Structures Basics in Polymer Chemistry Polymer Physics Polymer Chemistry 2: Advanced synthesis and functional materials Laboratory Pacticum, p 1-2	5 cr 5 cr 5 cr 10 cr 5 cr 5 cr 5 cr 5 cr 5 cr 5 cr 5 cr 5	4. period  2. period  4. period  34. period  1. period  3. period  2. period  3. period  4. period  4. period  2. period  2. period  4. period  4. period  4. period  1. period  1. period  1. period  1. period  1. period	contact teaching including both contact and distance teaching (aka. blended teaching), contact teaching	
Master's Programme in Materials Research	MATR323 MATR325 MATR325 MATR325 MATR326 MATR333 MATR333 MATR333 MATR335 MATR335 MATR335 MATR341 MATR346 MATR346 MATR347	Basics of Monte Carlo Simulations Monte Carlo Simulations in Physics  Molecular Dynamics Simulations Tools of High Performance Computing Optics Introduction to Biological Physics Introduction to Biological Physics Physics of Biological Systems Modeling of Biological Systems Electronics II Surface Chemistry Determination of Crystal and Molecular Structures Basics in Polymer Chemistry Polymer Physics Polymer Structures Basics in Polymer Openistry Polymer Physics	5 cr 5 cr 5 cr 10 cr 5 cr 5 cr 5 cr 5 cr 5 cr 5 cr 5 cr 5	4. period  2. period  4. period  34. period  3e. period  3. period  3. period  3. period  4. period  4. period  5. period  5. period  6. period  7. period  7. period  8. period  9. period  1. period	contact teaching including both contact and distance teaching (aka. blended teaching), contact teaching	
Master's Programme in Materials Research	MATR323 MATR324  MATR324  MATR325 MATR326 MATR329 MATR331 MATR332 MATR333 MATR335 MATR341 MATR344 MATR347 MATR344 MATR345 MATR347 MATR348 MATR348 MATR348	Basics of Monte Carlo Simulations Monte Carlo Simulations in Physics  Molecular Dynamics Simulations Tools of High Performance Computing Optics Introduction to Biological Physics Physics of Biological Systems Modeling of Biological Systems Electronics II Surface Chemistry Determination of Crystal and Molecular Structures Basics in Polymer Chemistry Polymer Physics Polymer Chemistry 2: Advanced synthesis and functional materials Laboratory Practicum, p.1-2. Laboratory Practicum, p.3-4.  Rheology	5 cr	4. period  2. period 4. period 4. period 34. period 3. period 3. period 34. period 4. period 36. period 5. period 6. period 7. period 6. period 1. period	contact teaching including both contact and distance teaching (als. blended teaching), contact teaching	
Master's Programme in Materials Research	MATR323 MATR324 MATR324 MATR325 MATR326 MATR329 MATR331 MATR332 MATR333 MATR333 MATR341 MATR345 MATR347 MATR347 MATR348 MATR347 MATR348 MATR348 MATR348 MATR348 MATR348 MATR348	Basics of Monte Carlo Simulations Monte Carlo Simulations in Physics  Molecular Dynamics Simulations Tools of High Performance Computing Optics Introduction to Biological Physics Physics of Biological Systems Modeling of Biological Systems Electronics II Surface Chemistry Determination of Crystal and Molecular Structures Basics in Polymer Chemistry Polymer Physics Polymer Chemistry 2: Advanced synthesis and functional materials Laboratory Practicum, p. 1-2 Laboratory Practicum, p. 3-4  Rheology Functional polymers Polymers In Medicine	5 cr	4. period  2. period  4. period  34. period  1. period  2. period  2. period  34. period  34. period  3. period  1. period  2. period  1. period  3. period  4. period  5. period  5. period  6. period  6. period  7. period  7. period  8. period	contact teaching including both contact and distance teaching (fa.b. blended teaching), contact teaching	
Master's Programme in Materials Research	MATR323 MATR324  MATR324  MATR325 MATR326 MATR329 MATR331 MATR332 MATR333 MATR335 MATR341 MATR345 MATR346 MATR346 MATR347 MATR346 MATR347 MATR348 MATR348 MATR348 MATR348 MATR348 MATR348	Basics of Monte Carlo Simulations Monte Carlo Simulations in Physics  Molecular Dynamics Simulations Tools of High Performance Computing Optics Introduction to Biological Physics Introduction to Biological Physics Physics of Biological Systems Modeling of Biological Systems Electronics II Surface Chemistry Determination of Crystal and Molecular Structures Basics in Polymer Chemistry Polymer Physics Polymer Chemistry 2: Advanced synthesis and functional materials Laboratory Practicum, p 3-4 Laboratory Practicum, p 3-4 Rheology Functional polymers Polymers Physics Polymers Medicine Solid State Chemistry Thin films	5 cr	4. period  2. period 4. period 34. period 34. period 1. period 3. period 3. period 34. period 4. period 4. period 4. period 5. period 6. per	contact teaching including both contact and distance teaching (ala. blended teaching). contact teaching	
Master's Programme in Materials Research	MATR323 MATR324  MATR325 MATR326 MATR326 MATR326 MATR331 MATR333 MATR333 MATR333 MATR332 MATR334 MATR345 MATR345 MATR345 MATR346 MATR346 MATR346 MATR346 MATR346 MATR359 MATR359 MATR359 MATR359 MATR359	Basics of Monte Carlo Simulations  Monte Carlo Simulations in Physics  Molecular Dynamics Simulations Tools of High Performance Computing Optics Introduction to Biological Physics Introduction to Biological Physics Physics of Biological Systems Modeling of Biological Systems Electronics II Surface Chemistry Determination of Crystal and Molecular Structures Basics in Polymer Chemistry Polymer Physics Polymer Chemistry 2: Advanced synthesis and functional materials Laboratory Practicum, p 1-2 Laboratory Practicum, p 3-4  Rheology Functional polymers Polymers in Medicine Solid State Chemistry Thin filins Workshop on X-ray diffraction and thermoanalytical methods	\$\ar{a}\$ \$\a	4. period  2. period  4. period  34. period  3e-period  3e-period  3e-period  3e-period  4. period  3e-period  4. period  5. period  1. period  1. period  1. period  4. period  4. period  4. period  5. period  6. period  7. period  7. period  8. period  1. period  9. period  1. period	contact teaching including both contact and distance teaching (aka. blended teaching), contact teaching	
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Master's Programme in Materials Research	MATR323 MATR324  MATR325 MATR325 MATR329 MATR331 MATR332 MATR333 MATR333 MATR341 MATR345 MATR346 MATR347 MATR346 MATR347 MATR346 MATR356 MATR356 MATR356	Basics of Monte Carlo Simulations Monte Carlo Simulations in Physics  Molecular Dynamics Simulations Tools of High Performance Computing Optics Introduction to Biological Physics Introduction to Biological Physics Physics of Biological Systems Modeling of Biological Systems Electronics II Surface Chemistry Determination of Crystal and Molecular Structures Basics in Polymer Chemistry Polymer Physics Polymer Chemistry Polymer Chemistry 2: Advanced synthesis and functional materials Laboratory Practicum, p 1-2 Laboratory Practicum, p 3-4  Rheology Functional polymers Polymers in Medicine Solid State Chemistry Thin films Workshop on X-ray diffraction and thermoanalytical methods Radiation damage in materials	5 cr 5 cr 10 cr 5 cr 10 cr 5	4. period  2. period 4. period 4. period 1. period 5. period 2. period 2. period 4. period 3. period 4. period 5. period 4. period 6. period	contact teaching including both contact and distance teaching (ala. blended teaching). contact teaching cont	
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Master's Programme in Mathematics and Statistics	MAST32017	Nonparametric Inference	5 cr	2. period	contact teaching	
Master's Programme in Mathematics and Statistics	MAST30172	Partial differential equations I	5 cr	3. period	contact teaching	
Master's Programme in Mathematics and Statistics	MAST30173	Partial differential equations II	5 cr	4. period	contact teaching	
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Master's Programme in Mathematics and Statistics	MAST31701	Probability theory I	5 cr	1. period	distance teaching)	
Waster 3 Frogramme in Wathematics and Statistics	IVIA3131701	Frobability trieory i	34	1. period	blended teaching (both contact and	-
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Master's Programme in Mathematics and Statistics	MAST31702	Probability theory II	5 cr	2. period	distance teaching)	•
					blended teaching (both contact and	
Master's Programme in Mathematics and Statistics	MAST31908	Quantitative finance	5 cr	34. period	distance teaching)	-
Master's Programme in Mathematics and Statistics	MAST31026	Riemannian geometry	10 cr	12. period	contact teaching	
Master's Programme in Mathematics and Statistics	MAST31908	Risk theory	10 cr	12. period	contact teaching	
Master's Programme in Mathematics and Statistics	MAST33004	Robust regression	5 cr	1. period	contact teaching	_
	MAST31018			34. period	contact teaching	-
Master's Programme in Mathematics and Statistics		Spectral theory	10 cr			•
Master's Programme in Mathematics and Statistics		Statistical and mathematical causality theory	5 cr	May intensive	contact teaching	•
Master's Programme in Mathematics and Statistics	MAST30165	Statistical decision theory	5 cr	4. period	contact teaching	-
Master's Programme in Mathematics and Statistics	MAST31706	Stochastic analysis I	5 cr	1. period	contact teaching	
Master's Programme in Mathematics and Statistics	MAST31710	Stochastic analysis II	5 cr	2. period	contact teaching	
Master's Programme in Mathematics and Statistics	MAST31038	Stochastic partial differential equations I	5 cr	3. period	contact teaching	
Master's Programme in Mathematics and Statistics	MAST32012	Survival and event history analysis I	5.00	2. period	contact teaching	
Master's Programme in Mathematics and Statistics	MAST32013	Survival and event history analysis II	5 cr	4. period	contact teaching	
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Master's Programme in Mathematics and Statistics	MAST31804	Tariff theory	5 cr	4. period	contact teaching	•
Master's Programme in Mathematics and Statistics	MAST31003	Topology II	10 cr	12. period	contact teaching	•
Master's Programme in Particle Physics and Astrophysical Sciences	PAP302	Open problems in modern astrophysics	5 cr	12. period	contact teaching	-
Master's Programme in Particle Physics and Astrophysical Sciences	PAP303	Statistical Inverse Methods	5 cr	34. period	contact teaching	
Master's Programme in Particle Physics and Astrophysical Sciences	PAP304	Plasma Physics	5 cr	1. period	contact teaching	
Master's Programme in Particle Physics and Astrophysical Sciences	PAP305	Space Applications of Plasma Physics	5 cr	2. period	contact teaching	
Master's Programme in Particle Physics and Astrophysical Sciences	PAP305 PAP306	Advanced Course in Observational Astronomy I	5 cr	12. period	contact teaching	
	PAP306 PAP307				contact teaching	
Master's Programme in Particle Physics and Astrophysical Sciences		Advanced Course in Observational Astronomy II	5 cr	4. period		
Master's Programme in Particle Physics and Astrophysical Sciences	PAP308	Special Course in Observational Astronomy	5 cr	12. period	contact teaching	-
Master's Programme in Particle Physics and Astrophysical Sciences	PAP311	Small Bodies in the Solar System	5 cr	12. period	contact teaching	
Master's Programme in Particle Physics and Astrophysical Sciences	PAP312	Time Series Analysis in Astronomy	5 cr	12. period	contact teaching	
Master's Programme in Particle Physics and Astrophysical Sciences	PAP314	Introduction to light scattering	5 cr	4. period	contact teaching	-
Master's Programme in Particle Physics and Astrophysical Sciences	PAP320	Radiative Transfer	5 cr	1. period	contact teaching	
Master's Programme in Particle Physics and Astrophysical Sciences	PAP323	Advanced Space Plasma Physics	10 cr	34. period	contact teaching	-
Master's Programme in Particle Physics and Astrophysical Sciences	PAP351	Stellar magnetic activity		34. period	contact teaching	
			5 cr			•
Master's Programme in Particle Physics and Astrophysical Sciences	PAP325	Introduction to Particle Physics II	5 cr	2. period	contact teaching	•
Master's Programme in Particle Physics and Astrophysical Sciences	PAP326	Cosmology II	5 cr	2. period	contact teaching	-
Master's Programme in Particle Physics and Astrophysical Sciences	PAP327	Particle Physics Phenomenology	5 cr	34. period	contact teaching	
Master's Programme in Particle Physics and Astrophysical Sciences	PAP328	Laboratory course on instrumentation	5 cr	12. period	contact teaching	
Master's Programme in Particle Physics and Astrophysical Sciences	PAP331	Computing Methods in High Energy Physics	5 cr	34. period	contact teaching	
Master's Programme in Particle Physics and Astrophysical Sciences	PAP332	Introduction to Particle Physics I	5 cr	1. period	contact teaching	
Master's Programme in Particle Physics and Astrophysical Sciences	PAP334	Statistical Methods	5 cr	12. period	contact teaching	
						*
Master's Programme in Particle Physics and Astrophysical Sciences	PAP338	Gaseous radiation detectors and scintillators	5 cr	12. period	contact teaching	•
					includes both contact and distance	
Master's Programme in Particle Physics and Astrophysical Sciences	PAP339	Semiconductor radiation detectors	5 cr	34. period	teaching	
Master's Programme in Particle Physics and Astrophysical Sciences	PAP344	Introduction to the Physics of Neutrinos	5 cr	4. period	contact teaching	
Master's Programme in Particle Physics and Astrophysical Sciences	PAP347	Theories beyond the standard model	5 cr	12. period	contact teaching	
Master's Programme in Particle Physics and Astrophysical Sciences	PAP348	General relativity I	5 cr	3. period	contact teaching	
Master's Programme in Particle Physics and Astrophysical Sciences	PAP349	General relativity II	5 cr	4. period	contact teaching	-
Master's Programme in Particle Physics and Astrophysical Sciences	PAP349	deneral relativity ii	3 0	4. periou		*
					includes both contact and distance	
Master's Programme in Theoretical and Computational Methods	TCM302	Quantum Mechanics IIa	5 cr	3. period	teaching	-
					includes both contact and distance	
Master's Programme in Theoretical and Computational Methods	TCM303	Quantum Mechanics IIb	5 cr	4. period	teaching	
, , , , , , , , , , , , , , , , , , , ,					includes both contact and distance	
Master's Programme in Theoretical and Computational Methods	TCM304	Mathematical Methods of Physics IIIa	5 cr	1. period	teaching	
Waster's Programme in Theoretical and Computational Wethous	TCIVI304	Wathematical Wethous of Fhysics ma		1. period	includes both contact and distance	-
Master's Programme in Theoretical and Computational Methods	TCM305	Mathematical Methods of Physics IIIb	5 cr	2. period	teaching	•
Master's Programme in Theoretical and Computational Methods	TCM319	Advanced Thermal Field Theory		4. period	contact teaching	
			5 cr			-
					includes both contact and distance	
Master's Programme in Theoretical and Computational Methods	TCM321	Stochastic Methods B	5α	2. period	teaching	·
Master's Programme in Theoretical and Computational Methods Master's Programme in Theoretical and Computational Methods	TCM321 TCM325	Stochastic Methods B Kinetic Theory I				·
			5 α	2. period	teaching	
Master's Programme in Theoretical and Computational Methods		Kinetic Theory I	5 α	2. period 1. period	teaching contact teaching	
	TCM325		5 cr 5 cr	2. period	teaching contact teaching includes both contact and distance teaching	
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Master's Programme in Theoretical and Computational Methods	TCM325	Kinetic Theory I	5 cr 5 cr	2. period 1. period	teaching contact teaching includes both contact and distance teaching includes both contact and distance teaching	
Master's Programme in Theoretical and Computational Methods  Master's Programme in Theoretical and Computational Methods  Master's Programme in Theoretical and Computational Methods	TCM325 TCM327 TCM328	Kinetic Theory I  Quantum Field Theory I  Quantum Field Theory II	5 cr 5 cr 5 cr	2. period 1. period 1. period 2. period	teaching contact teaching includes both contact and distance teaching includes both contact and distance teaching includes both contact and distance	
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Master's Programme in Theoretical and Computational Methods	TCM327 TCM328 TCM329	Kinetic Theory I  Quantum Field Theory I  Quantum Field Theory II  Quantum Field Theory III	5 α 5 α 5 α 5 α 5 α	2. period 1. period 2. period 3. period	teaching contact teaching includes both contact and distance	
Master's Programme in Theoretical and Computational Methods	TCM325 TCM327 TCM328 TCM329 TCM332	Kinetic Theory I  Quantum Field Theory II  Quantum Field Theory III  Quantum Field Theory IV  Quantum Field Theory IV	5 cr 5 cr 5 cr 5 cr 5 cr	2. period 1. period 1. period 2. period 3. period 4. period	teaching contact teaching includes both contact and distance includes both contact and distance teaching includes both contact and distance	
Master's Programme in Theoretical and Computational Methods	TCM327 TCM328 TCM329	Kinetic Theory I  Quantum Field Theory I  Quantum Field Theory II  Quantum Field Theory III	5 α 5 α 5 α 5 α 5 α	2. period 1. period 2. period 3. period	teaching contact teaching includes both contact and distance teaching includes teaching includes both contact and distance teaching includes	
Master's Programme in Theoretical and Computational Methods	TCM325 TCM327 TCM328 TCM329 TCM332 TCM333	Kinetic Theory I  Quantum Field Theory I  Quantum Field Theory II  Quantum Field Theory III  Quantum Field Theory IV  Open Quantum Systems I	5 cr 5 cr 5 cr 5 cr 5 cr 5 cr	2. period 1. period 1. period 2. period 3. period 4. period 1. period 1. period	teaching contact teaching includes both contact and distance	
Master's Programme in Theoretical and Computational Methods	TCM325 TCM327 TCM328 TCM329 TCM332 TCM333 TCM333	Quantum Field Theory I  Quantum Field Theory II  Quantum Field Theory III  Quantum Field Theory III  Quantum Field Theory IV  Open Quantum Systems I  Open Quantum Systems II	5 cr 5 cr 5 cr 5 cr 5 cr 5 cr 5 cr 5 cr	2. period 1. period 2. period 2. period 3. period 4. period 1. period 2. period 2. period 2. period 2. period 2. period	teaching contact teaching includes both contact and distance teaching includes teaching includes both contact and distance teaching includes t	
Master's Programme in Theoretical and Computational Methods	TCM325 TCM327 TCM328 TCM329 TCM332 TCM333 TCM334 TCM334 TCM5003	Kinetic Theory I  Quantum Field Theory II  Quantum Field Theory III  Quantum Field Theory III  Quantum Field Theory IV  Open Quantum Systems I  Open Quantum Systems II  Basics of QCD perturbation theory	\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$	2. period 1. period 2. period 2. period 3. period 4. period 1. period 2. period 1. period 1. period 1. period	teaching contact teaching includes both contact and distance teaching contact teaching contact teaching contact teaching contact teaching	
Master's Programme in Theoretical and Computational Methods Master's Programme in Urban Studies and planning Methods Master's Programme in Urban Studies and planning Methods	TCM325 TCM327 TCM328 TCM329 TCM332 TCM333 TCM333 TCM334 TCM5003 USP-301	Kinetic Theory I  Quantum Field Theory I  Quantum Field Theory II  Quantum Field Theory III  Quantum Field Theory III  Quantum Field Theory IV  Open Quantum Systems I  Open Quantum Systems II  Basics of QCD perturbation theory Introduction to Urban Studies and Planning	\$\alpha\$	2. period 1. period 2. period 2. period 3. period 4. period 1. period 2. period 1. period 1. period 1. period 1. period	teaching contact teaching includes both contact and distance teaching contact teaching contact teaching contact teaching contact teaching contact teaching contact teaching	Open only for USP exchange students
Master's Programme in Theoretical and Computational Methods	TCM325 TCM327 TCM328 TCM329 TCM332 TCM333 TCM334 TCM334 TCM5003	Kinetic Theory I  Quantum Field Theory II  Quantum Field Theory III  Quantum Field Theory III  Quantum Field Theory IV  Open Quantum Systems I  Open Quantum Systems II  Dear Quantum Systems II  Dear Quantum Systems II  Introduction to Urban Studies and Planning Research methods	\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$	2. period 1. period 2. period 2. period 3. period 4. period 1. period 2. period 1. period 1. period 1. period	teaching contact teaching includes both contact and distance teaching contact teaching contact teaching contact teaching contact teaching	
Master's Programme in Theoretical and Computational Methods  Master's programme in Urban Studies and planning	TCM325 TCM327 TCM328 TCM329 TCM332 TCM333 TCM334 TCM5003 USP-301 USP-302	Kinetic Theory I  Quantum Field Theory II  Quantum Field Theory III  Quantum Field Theory III  Quantum Field Theory IV  Open Quantum Systems I  Open Quantum Systems II  Dear Quantum Systems II  Dear Quantum Systems II  Introduction to Urban Studies and Planning Research methods	\$\tau \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	2. period 1. period 2. period 3. period 4. period 4. period 2. period 1. period 1. period 1. period 1. period 1. period 12. period 12. period	teaching contact teaching includes both contact and distance teaching contact teaching	Open only for USP exchange students
Master's Programme in Theoretical and Computational Methods  Master's Programme in Unbar Studies and planning  Master's programme in urban studies and planning  Master's programme in urban studies and planning	TCM325 TCM327 TCM328 TCM329 TCM332 TCM333 TCM333 TCM333 TCM334 TCM5304 USP-301 USP-302 USP-303	Kinetic Theory I  Quantum Field Theory II  Quantum Field Theory II  Quantum Field Theory III  Quantum Field Theory III  Quantum Field Theory IV  Open Quantum Systems I  Open Quantum Systems II  Open Quantum Systems II  Basics of QCD perturbation theory Introduction to Urban Studies and Planning Research methods  Urban GIS and Visual Tools	\$\alpha\$	2. period 1. period 2. period 3. period 4. period 4. period 2. period 1. period 2. period 1. period 1. period 1. period 1. period 1. 2. period	teaching contact teaching includes both contact and distance teaching contact teaching	Open only for USP exchange students Open only for USP exchange students
Master's Programme in Theoretical and Computational Methods  Master's programme in Urban studies and planning	TCM325 TCM327 TCM328 TCM329 TCM332 TCM333 TCM334 TCM5003 USP-301 USP-302 USP-303 USP-303 USP-304	Kinetic Theory I  Quantum Field Theory II  Quantum Field Theory III  Quantum Field Theory III  Quantum Field Theory IV  Open Quantum Systems I  Open Quantum Systems II  Basics of QCD perturbation theory Introduction to Urban Studies and Planning Research methods  Urban Gis and Visual Tools  Urban Gis and Visual Tools  Urban Gis and Visual Tools	\$\alpha\$ \$\frac{5}{3}\alpha\$	2. period 1. period 2. period 3. period 4. period 4. period 2. period 4. period 1. period 1. period 1. 2. period	teaching contact teaching includes both contact and distance teaching contact teaching	Open only for USP exchange students Open only for USP exchange students Open only for USP exchange students
Master's Programme in Theoretical and Computational Methods Master's Programme in Union Studies and planning Master's programme in urban studies and planning	TCM325 TCM327 TCM328 TCM329 TCM332 TCM332 TCM333 TCM334 TCM5003 USP-301 USP-302 USP-303 USP-303 USP-303 USP-303 USP-303 USP-304 USP-305	Kinetic Theory I  Quantum Field Theory II  Quantum Field Theory II  Quantum Field Theory III  Quantum Field Theory III  Quantum Field Theory IV  Open Quantum Systems I  Open Quantum Systems II  Open Quantum Systems II  Basics of QCD perturbation theory Introduction to Urban Studies and Planning Research methods  Urban Gis and Visual Tools  Urban challenge studio 1  Urban challenge studio 1	\$ cr	2. period 1. period 2. period 3. period 4. period 4. period 2. period 1. period 2. period 1. period 1. period 1. period 1. period 1. 2. period Alato 1. 2. period Alato 1. 2. period	teaching contact teaching includes both contact and distance teaching contact teaching	Open only for USP exchange students
Master's Programme in Theoretical and Computational Methods  Master's Programme in Union Studies and planning  Master's programme in urban studies and planning	TCM325 TCM327 TCM328 TCM329 TCM332 TCM333 TCM334 TCM5003 USP-301 USP-302 USP-303 USP-304 USP-305 USP-305 USP-305 USP-305 USP-305 USP-305	Kinetic Theory I  Quantum Field Theory II  Quantum Field Theory III  Quantum Field Theory III  Quantum Field Theory III  Quantum Field Theory IV  Open Quantum Systems I  Open Quantum Systems II  Basics of QCD perturbation theory Introduction to Urban Studies and Planning Research methods Urban Gis and Visual Tools Urban challenge studio 1  Urban challenge studio 2  Urban challenge studio 2  Urban challenge studio 2  Urban challenge studio 2	\$\alpha\$ \$\frac{5}{4}\$ \$\frac{5}{4}\$ \$\frac{7}{4}\$ \$	2. period 1. period 2. period 2. period 3. period 4. period 4. period 1. period 2. period 1. period	teaching contact teaching includes both contact and distance teaching contact teaching	Open only for USP exchange students
Master's Programme in Theoretical and Computational Methods Master's Programme in Unional Methods Master's programme in Unional Methods and planning Master's programme in unional studies and planning	TCM325 TCM327 TCM328 TCM329 TCM332 TCM333 TCM334 TCM5003 USP-301 USP-302 USP-303 USP-304 USP-305 USP-305 USP-305 USP-311 USP-311 USP-321	Kinetic Theory I  Quantum Field Theory II  Quantum Field Theory III  Quantum Field Theory III  Quantum Field Theory III  Quantum Field Theory IV  Open Quantum Systems I  Open Quantum Systems II  Deen Quantum Systems II  Basics of QCD perturbation theory Introduction to Urban Studies and Planning Research methods  Urban challenge studio 1  Urban challenge studio 1  Urban challenge studio 1  Urban challenge studio 2  Master's seminar  Urban social sciences	\$ cr	2. period 1. period 2. period 3. period 4. period 4. period 1. period 2. period 1. period 1. period 1. period 1. period 1. 2. period 1. 4. period 1. 4. period 1. 4. period 1. 4. period	teaching contact teaching includes both contact and distance teaching contact teaching	Open only for USP exchange students
Master's Programme in Theoretical and Computational Methods  Master's Programme in Understand Indices and planning  Master's programme in urban studies and planning	TCM325 TCM327 TCM328 TCM329 TCM332 TCM333 TCM334 TCM5003 USP-301 USP-302 USP-304 USP-305 USP-304 USP-305 USP-301 USP-301 USP-305 USP-301 USP-301 USP-301 USP-301 USP-301 USP-301 USP-301 USP-302 USP-301 USP-301 USP-301 USP-301	Kinetic Theory I  Quantum Field Theory II  Quantum Field Theory III  Quantum Field Theory III  Quantum Field Theory III  Quantum Field Theory IV  Open Quantum Systems I  Open Quantum Systems II  Basics of CCD perturbation theory Introduction to Urban Studies and Planning Research methods  Urban GIS and Visual Tools  Urban Cis and Visual Tools  Urban challenge studio 2  Master's seminar  Urban social sciences  Urban and planning history	\$\alpha\$ \$\frac{5}{4}\$ \$\frac{5}{4}\$ \$\frac{7}{4}\$ \$	2. period 1. period 2. period 3. period 4. period 4. period 1. period 2. period 1. per	teaching contact teaching includes both contact and distance teaching contact teaching TBA	Open only for USP exchange students
Master's Programme in Theoretical and Computational Methods Master's Programme in Unional Methods Master's programme in Unional Methods and planning Master's programme in unional studies and planning	TCM325 TCM327 TCM328 TCM329 TCM332 TCM333 TCM334 TCM5003 USP-301 USP-302 USP-303 USP-304 USP-305 USP-305 USP-305 USP-311 USP-311 USP-321	Kinetic Theory I  Quantum Field Theory II  Quantum Field Theory III  Quantum Field Theory III  Quantum Field Theory III  Quantum Field Theory IV  Open Quantum Systems I  Open Quantum Systems II  Deen Quantum Systems II  Basics of QCD perturbation theory Introduction to Urban Studies and Planning Research methods  Urban challenge studio 1  Urban challenge studio 1  Urban challenge studio 1  Urban challenge studio 2  Master's seminar  Urban social sciences	\$ cr	2. period 1. period 2. period 3. period 4. period 4. period 1. period 2. period 1. period 1. period 1. period 1. period 1. 2. period 1. 4. period 1. 4. period 1. 4. period 1. 4. period	teaching contact teaching includes both contact and distance teaching contact teaching	Open only for USP exchange students
Master's Programme in Theoretical and Computational Methods Master's Programme in Unbar Studies and planning Master's programme in urban studies and planning	TCM325 TCM327 TCM328 TCM329 TCM332 TCM333 TCM334 TCM5003 USP-301 USP-301 USP-302 USP-303 USP-304 USP-305 USP-305 USP-311 USP-321 USP-321 USP-322 USP-324	Kinetic Theory I  Quantum Field Theory II  Quantum Field Theory III  Quantum Field Theory III  Quantum Field Theory III  Quantum Field Theory IV  Open Quantum Systems I  Open Quantum Systems II  Open Quantum Systems II  Basics of QCD perturbation theory Introduction to Urban Studies and Pilanning Research methods  Urban dal Visual Tools  Urban challenge studio 1  Urban challenge studio 1  Urban challenge studio 2  Master's seminar  Urban and planning history  Urban and planning history  Urban experience	\$\alpha\$ \$\text{S}\alpha\$	2. period 1. period 2. period 3. period 4. period 4. period 1. period 2. period 1. per	teaching contact teaching includes both contact and distance teaching contact teaching TBA contact teaching	Open only for USP exchange students
Master's Programme in Theoretical and Computational Methods  Master's Programme in Unban studies and planning  Master's programme in urban studies and planning	TCM325 TCM327 TCM328 TCM329 TCM332 TCM333 TCM334 TCM5003 USP-301 USP-301 USP-302 USP-304 USP-305 USP-304 USP-305 USP-304 USP-305 USP-304 USP-305 USP-304 USP-305 USP-304 USP-305 USP-311 USP-321 USP-324 USP-324 USP-324 USP-324	Kinetic Theory I  Quantum Field Theory II  Quantum Field Theory III  Quantum Field Theory III  Quantum Field Theory III  Quantum Field Theory IV  Open Quantum Systems I  Open Quantum Systems I  Deen Quantum Systems II  Basics of QCD perturbation theory Introduction to Urban Studies and Planning Research methods  Urban Gis and Visual Tools  Urban challenge studio 1  Urban challenge studio 2  Master's seminar  Urban social sciences  Urban and planning history  Urban experience  Urban are planning history  Urban experience	\$\alpha\$ \$\frac{5}{4}\$ \$	2. period 1. period 2. period 3. period 3. period 4. period 1. period 2. period 2. period 1. 2. period 1. 2. period 1. 2. period 1. 2. period 1. 3. period 1. 4. period 1. 4. period 1. 4. period 1. 5. period 1. period 1	teaching contact teaching includes both contact and distance teaching contact teac	Open only for USP exchange students Open only for USP exchange students
Master's Programme in Theoretical and Computational Methods Master's Programme in Unional Methods Master's programme in Unional Methods and planning Master's programme in unional studies and planning	TCM325 TCM327 TCM328 TCM329 TCM332 TCM333 TCM334 TCM5003 USP-301 USP-301 USP-302 USP-303 USP-304 USP-305 USP-305 USP-311 USP-321 USP-321 USP-324 USP-344 USP-344 USP-344	Kinetic Theory I  Quantum Field Theory II  Quantum Field Theory II  Quantum Field Theory III  Quantum Field Theory III  Quantum Field Theory IV  Open Quantum Systems I  Open Quantum Systems II  Open Quantum Systems II  Sasics of QCD perturbation theory Introduction to Urban Studies and Pilanning Research methods  Urban dal Visual Tools  Urban challenge studio 1  Urban challenge studio 1  Urban challenge studio 2  Master's seminar  Urban and planning history  Urban and planning history  Urban experience  Urban and regional development  Participatory planning	\$\tau\$ \$\	2. period 1. period 2. period 3. period 4. period 4. period 1. period 2. period 1. period 2. period 1. period 1. period 1. period 1. period 1. 2. period 1. 3. period 1. 4. period	teaching contact teaching includes both contact and distance teaching contact teaching	Open only for USP exchange students
Master's Programme in Theoretical and Computational Methods Master's Programme in Undan studies and planning Master's programme in urban studies and planning	TCM325 TCM327 TCM328 TCM329 TCM332 TCM333 TCM334 TCM5003 USP-301 USP-302 USP-303 USP-304 USP-305 USP-301 USP-302 USP-304 USP-324 USP-344 USP-346	Kinetic Theory I  Quantum Field Theory II  Quantum Field Theory III  Quantum Field Theory III  Quantum Field Theory III  Quantum Field Theory IV  Open Quantum Systems I  Open Quantum Systems II  Sasics of QCD perturbation theory Introduction to Urban Studies and Planning Research methods  Urban GS and Visual Tools  Urban dallenge studio 1  Urban dellenge studio 1  Urban dellenge studio 2  Whater's semilian  Urban social sciences  Urban and planning history  Urban experience  Participatory planning  Planning theory	\$\alpha\$ \$\frac{5}{\alpha}\$ \$\fr	2. period 1. period 2. period 3. period 3. period 4. period 1. period 2. period 2. period 1. period 2. period 1. period	teaching contact teaching includes both contact and distance teaching contact teac	Open only for USP exchange students Open only for USP exchange students
Master's Programme in Theoretical and Computational Methods Master's programme in urban studies and planning	TCM325  TCM327  TCM328  TCM329  TCM332  TCM332  TCM333  TCM334  TCM503  USP-301  USP-302  USP-303  USP-304  USP-305  USP-304  USP-321  USP-321  USP-321  USP-324  USP-324  USP-324  USP-324  USP-345  USP-346  USP-346	Kinetic Theory I  Quantum Field Theory II  Quantum Field Theory III  Quantum Field Theory III  Quantum Field Theory III  Quantum Field Theory IV  Open Quantum Systems I  Open Quantum Systems I  Basics of QCD perturbation theory Introduction to Urban Studies and Planning Research methods  Urban Gis and Visual Tools  Urban challenge studio 2  Urban and Jenning Ristory  Urban experience  Urban and regional development  Participatory Inanning  Planning Heory  Urban ecomics	\$\tau\$ \$\	2. period 1. period 2. period 2. period 3. period 4. period 4. period 1. period 2. period 1. period 1. period 1. period 12. period 12. period 12. period 12. period 12. period 4. period Aalto 3. 4. period Aalto 5. period Aalto 6. period	teaching contact teaching includes both contact and distance teaching contact teaching	Open only for USP exchange students Open only for USP exchange students
Master's Programme in Theoretical and Computational Methods Master's Programme in Uraban studies and planning	TCM325 TCM327 TCM328 TCM329 TCM332 TCM333 TCM334 TCM5003 USP-301 USP-302 USP-303 USP-304 USP-305 USP-304 USP-305 USP-324 USP-324 USP-324 USP-324 USP-324 USP-345 USP-346 USP-347 USP-346	Kinetic Theory I  Quantum Field Theory II  Quantum Field Theory III  Quantum Field Theory III  Quantum Field Theory III  Quantum Field Theory IV  Open Quantum Systems I  Open Quantum Systems I  Open Quantum Systems II  Op	\$\alpha\$ \$\frac{1}{5}\alpha\$ \$\frac{1}{5}\alph	2. period 1. period 2. period 3. period 3. period 4. period 1. period 2. period 2. period 1. period 2. period 1. per	teaching contact teaching includes both contact and distance teaching contact teac	Open only for USP exchange students Open only for USP exchange students
Master's Programme in Theoretical and Computational Methods Master's Programme in urban studies and planning	TCM325  TCM327  TCM328  TCM329  TCM332  TCM332  TCM334  TCM503  USP-301  USP-302  USP-304  USP-305  USP-304  USP-321  USP-321  USP-321  USP-324  USP-324  USP-345  USP-346  USP-346  USP-347  USP-407	Kinetic Theory I  Quantum Field Theory II  Quantum Field Theory III  Quantum Field Theory III  Quantum Field Theory III  Quantum Field Theory IV  Open Quantum Systems I  Open Quantum Systems II  Basics of QCD perturbation theory Introduction to Urban Studies and Planning Research methods  Urban Gis and Visual Tools  Urban Gis and Visual Tools  Urban challenge studio 2  Master's seminar  Urban social sciences  Urban and planning history  Urban experience	\$\alpha\$ \$\frac{1}{5}\alpha\$ \$\frac{1}{5}\alph	2. period 1. period 2. period 3. period 4. period 4. period 1. period 2. period 2. period 1. 2. period 1. 3. period 1. 4. period 1. period 1. period 2. period 2. period 3. period 3. period 3. period	teaching contact teaching includes both contact and distance teaching contact teaching	Open only for USP exchange students Open only for USP exchange students
Master's Programme in Theoretical and Computational Methods  Master's Programme in Urban studies and planning	TCM325 TCM327 TCM328 TCM329 TCM332 TCM333 TCM334 TCM5003 USP-301 USP-302 USP-303 USP-304 USP-305 USP-304 USP-305 USP-324 USP-324 USP-324 USP-324 USP-324 USP-345 USP-346 USP-347 USP-346	Kinetic Theory I  Quantum Field Theory II  Quantum Field Theory III  Quantum Field Theory III  Quantum Field Theory III  Quantum Field Theory IV  Open Quantum Systems I  Open Quantum Systems I  Open Quantum Systems II  Op	\$\alpha\$ \$\frac{1}{5}\alpha\$ \$\frac{1}{5}\alph	2. period 1. period 2. period 3. period 3. period 4. period 1. period 2. period 2. period 1. period 2. period 1. per	teaching contact teaching includes both contact and distance teaching contact teac	Open only for USP exchange students Open only for USP exchange students
Master's Programme in Theoretical and Computational Methods Master's Programme in Urban studies and planning	TCM325  TCM327  TCM328  TCM329  TCM332  TCM332  TCM334  TCM503  USP-301  USP-302  USP-304  USP-305  USP-304  USP-321  USP-321  USP-321  USP-324  USP-324  USP-345  USP-346  USP-346  USP-347  USP-407	Kinetic Theory I  Quantum Field Theory II  Quantum Field Theory III  Quantum Field Theory III  Quantum Field Theory III  Quantum Field Theory IV  Open Quantum Systems I  Open Quantum Systems II  Basics of QCD perturbation theory Introduction to Urban Studies and Planning Research methods  Urban Gis and Visual Tools  Urban Gis and Visual Tools  Urban challenge studio 2  Master's seminar  Urban social sciences  Urban and planning history  Urban experience	\$\alpha\$ \$\frac{1}{5}\alpha\$ \$\frac{1}{5}\alph	2. period 1. period 2. period 3. period 4. period 4. period 1. period 2. period 2. period 1. 2. period 1. 3. period 1. 4. period 1. period 1. period 2. period 2. period 3. period 3. period 3. period	teaching contact teaching includes both contact and distance teaching contact teaching	Open only for USP exchange students Open only for USP exchange students
Master's Programme in Theoretical and Computational Methods Master's Programme in ruban studies and planning Master's programme in urban studies and planning	TCM325 TCM327 TCM328 TCM329 TCM332 TCM333 TCM334 TCM5003 USP-301 USP-302 USP-304 USP-305 USP-304 USP-305 USP-304 USP-321 USP-321 USP-324 USP-324 USP-345 USP-346 USP-346 USP-346 USP-346 USP-347 USP-467 USP-469	Kinetic Theory I  Quantum Field Theory II  Quantum Field Theory III  Quantum Field Theory III  Quantum Field Theory III  Quantum Field Theory IV  Open Quantum Systems I  Open Quantum Systems I  Basics of QCD perturbation theory Introduction to Urban Studies and Planning Research methods  Urban Gis and Visual Tools  Urban challenge studio 1  Urban challenge studio 2  Master's seminar  Urban social sciences  Urban and planning history  Urban experience  Urban and planning history  Urban experience  Urban and planning history  Urban experience  Urban and planning theory  Urban experience  Urban experie	\$\alpha\$ \$\frac{1}{5}\alpha\$ \$\frac{1}{5}\alph	2. period 1. period 2. period 3. period 3. period 4. period 4. period 1. period 2. period 2. period 1. per	teaching contact teaching includes both contact and distance teaching contact teaching	Open only for USP exchange students Open only for USP exchange students
Master's Programme in Theoretical and Computational Methods Master's Programme in Urban studies and planning	TCM325 TCM327 TCM328 TCM329 TCM332 TCM333 TCM334 TCM5003 USP-301 USP-301 USP-302 USP-303 USP-304 USP-305 USP-311 USP-322 USP-324 USP-324 USP-345 USP-346 USP-347 USP-347 USP-347 USP-347 USP-347 USP-349	Kinetic Theory I  Quantum Field Theory II  Quantum Field Theory III  Quantum Field Theory III  Quantum Field Theory III  Quantum Field Theory IV  Open Quantum Systems II  Basics of QCD perturbation theory Introduction to Urban Studies and Planning Research methods  Urban Gis and Visual Tools  Urban dallenge studio 1  Urban Gis and Visual Tools  Urban and planning history Urban experience  Urban and planning history Urban experience  Urban and planning Planning theory  Urban economics  Urban heritages  Urban book club  Capstone project	\$\alpha\$ \$\frac{1}{5}\alpha\$ \$\frac{1}{5}\alph	2. period 1. period 2. period 3. period 3. period 4. period 1. period 2. period 2. period 1. period 2. period 1. period	teaching contact teaching includes both contact and distance teaching contact teac	Open only for USP exchange students Open only for USP exchange students