Master's programme in geography: Preliminary teaching programme for academic year 2024-25

Geographical thinking, history and research directions Political geographies of urbanization and planning Advanced remote sensing of environment Quantitative research of accessibility and mobility of people Spatial conservation geography	5 cr	1. period 4. period	English English	contact teaching	Only for degree students	yes	no	
Advanced remote sensing of environment Quantitative research of accessibility and mobility of people		4. period	English	an atopt to a ship a	I A A A A A A A A A A A A A A A A A A A			
Quantitative research of accessibility and mobility of people	5 cr			contact teaching	Only for degree students	yes	yes	
		4. period	English	contact teaching	Only for degree students	yes	yes	
Spatial conservation geography	5 cr	2. period	English	contact teaching	Only for degree students	yes	yes	Master's level students, skills in geoinformatics required.
		4. period	English	contact teaching	Only for degree students		yes	
		1. period	English	contact teaching	Only for degree students		yes	
Automating GIS-processes 2, Geography		2. period	English	contact teaching	Only for degree students	yes	yes	
Climate change and rural development		1. period	English	contact teaching	Only for degree students		yes	
Introduction to conservation geography		2. period	English	contact teaching	Only for degree students	yes	yes	
Geography of megatrends, environmental change and development		4. period	English	contact teaching	Only for degree students	ves	yes	
Geographies of Inequalities		3. period	English	contact teaching	Only for degree students	1	yes	For example Urban studies and planning programme students
				i				Priority will be given to geography master students
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								Intended especially for human geographers
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								Priority will be given to geography master students
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				contact teaching				
Sustainability readings in geography		1.8.2024-31.7.2025	English, Finnish, Swedish	essay	Only for degree students	no	no	
Master's thesis seminar in geography	5 cr	14. period	English, Finnish, Swedish	contact teaching	Only for degree students	no	no	
Introduction to advanced geoinformatics	5 cr	3. period	English	contact teaching	Only for degree students	yes	yes	
Introduction to Remote Sensing of Environment	5 cr	1. period	English	contact teaching	Only for degree students	yes	yes	
Quantitative methods of data analysis in geography	5 cr	1. period	English	contact teaching	Only for degree students	yes	no	
Advanced Seminar in Geoinformatics	5 cr	14. period	English, Finnish and Swedish in reports	contact teaching	Only for degree students	yes	no	
Qualitative research techniques and analysis in human geography	5 cr	1. period	English, Finnish	contact teaching	Only for degree students	ves	no	
			English	multimodal teaching	Only for degree students			Geography and Urban studies and planning master students
Argumentation in human geography	5 cr	34. period	English	contact teaching	Only for degree students	yes	no	Supports the course GEOG-H388 Advanced seminar in human geograp and both courses should be taken in parallel during the same period (3
Advanced literature in urban geography	5 cr	1.8.2024-31.7.2025	English		Only for degree students	yes	no	
Advanced seminar in human geography	5 cr	12. period	English	contact teaching	Only for degree students	no	no	Continuation of the Advanced seminar in 3. and 4. periods of 2024, for students who are working on their thesis in human geography.
Advanced seminar in human geography - new start	5 cr	34. period	English	contact teaching	Only for degree students	no	no	New start of the Advanced seminar, for students who are planning, or already working on their thesis. GEOG-H303 Argumentation in human geography should be taken in parallel during the 3. and 4. periods.
Spatial Aquatic Research	5 cr	1. period	English	contact teaching	Only for degree students	ves	ves	i i i i i i i i i i i i i i i i i i i
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	3 cr	4. period	English	(contact and distance)	Only for degree students	yes	yes	Master students of Geography, Urban studies and planning and Environmental change and global sustainability
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			English	contact teaching	Only for degree students	no	no	
			English	contact teaching	Only for degree students			
Land use planning systems		TBA	English	contact teaching	Only for degree students			
Aalto GISwap-courses (cross-institutional studies)								
Geodesy and positioning (GEOG-504)	6 cr	ТВА	English	contact teaching	Only for degree students	no	no	Also for master students of Geology and geophysics
Introduction to spatial data analysis (NOTE: new course, replaces	6 cr	TBA	English	contact teaching	Only for degree students	no	no	Also for master students of Geology and geophysics
GEOG-505 and GEOG 506)	6 cr	ТВА	English	contact teaching	Only for degree students	no	no	Also for master students of Geology and geophysics
	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 Conservation readings Political geographies of regional development: book exam Literature in remote sensing Political geosystems and ecosystems field course Urban Geography: Growth, housing and planning Political geosystems of regional development in the Global World Sustainability readings in geography Master's thesis seminar in geography Introduction to advanced geoinformatics Introduction to advanced geoinformatics Introduction to Remote Sensing of 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 Advanced literature in urban geography Advanced literature in urban geography Advanced seminar in human geography Advanced literature in physical geography M.Sc. thesis literature in physical geography M.Sc. thesis literature in physical geography Spatial terrestrial research Advanced seminar in hysical geography M.Sc. thesis literature in physical geography Spatial terrestrial research Advanced seminar in physical geography Soundscape Geography Chean and regional development Land use planning systems	Area-based conservationS crCartographic visualization in GISS crGeographies of timeS crMapping and analysing ecosystemsS crGeographies of young people and educationS crHigh-latitude landscapes and ecosystems field courseS crOrban Geography: Growth, housing and planningS crPolitical geographies of regional development: book examS crPolitical geographies of regional development in the Global WorldS crPolitical for Knowing: Sustainable Development in the Global WorldS crSustainability readings in geographyS crSustainability readings in geographyS crIntroduction to advanced geoinformaticsS crIntroduction to Remote Sensing of EnvironmentS crQualitative methods of data analysis in geographyS crAdvanced Seminar in GeoinformaticsS crQualitative research techniques and analysis in human geographyS crAdvanced literature in urban geographyS crAdvanced seminar in human geographyS crAdvanced iterature in physical geographyS crAdvanced seminar in hysical geographyS crAdvanced iterature in physical ge	Area-based conservationS cr3. periodCartographic visualization in GISS crIntensive period, MayGeographics of timeS cr4. periodMapping and analysing ecosystemsS cr2. periodMigh-latitude landscapes and ecosystems field courseS cr2. periodUrban Geography: Growth, housing and planningS cr1. 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Master's programme in geography: Preliminary teaching programme for academic year 2024-25

c	ode	Course unit name	Scope (cr)	Period	Languages	Mode of teaching /	Open university studies	Open to exchange	Open to other degree	Additional information on target groups
						Method of completion		students	programmes	

NOTE: Many geography courses are available also for students of Urban studies and planning programme, even not mentioned in target group column. Additional info in course descriptions.