

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

Code	Course unit name	Scope (cr)	Period	Languages	Mode of teaching / Method of completion	Open university studies	Open to exchange students	Open to other degree programmes	Additional information on target groups
GEOG-301	Geographical thinking, history and research directions	5 cr	1. period	English	contact teaching	Only for degree students	yes	no	
GEOG-316	Political geographies of urbanization and planning	5 cr	4. period	English	contact teaching	Only for degree students	yes	yes	
GEOG-322	Advanced remote sensing of environment	5 cr	4. period	English	contact teaching	Only for degree students	yes	yes	
GEOG-326	Quantitative research of accessibility and mobility of people	5 cr	2. period	English	contact teaching	Only for degree students	yes	yes	Master's level students, skills in geoinformatics required.
GEOG-327	Spatial conservation geography	5 cr	4. period	English	contact teaching	Only for degree students	yes	yes	
GEOG-329-1	Automating GIS-processes 1, Geo-Python	5 cr	1. period	English	contact teaching	Only for degree students	yes	yes	
GEOG-329-2	Automating GIS-processes 2, Geography	5 cr	2. period	English	contact teaching	Only for degree students	yes	yes	
GEOG-331	Climate change and rural development	5 cr	1. period	English	contact teaching	Only for degree students	yes	yes	
GEOG-340	Introduction to conservation geography	5 cr	2. period	English	contact teaching	Only for degree students	yes	yes	
GEOG-341	Geography of megatrends, environmental change and development	5 cr	4. period	English	contact teaching	Only for degree students	yes	yes	
GEOG-342	Geographies of Inequalities	5 cr	3. period	English	contact teaching	Only for degree students	yes	yes	For example Urban studies and planning programme students
GEOG-348	Area-based conservation	5 cr	3. period	English	contact teaching	Only for degree students	yes	yes	Priority will be given to geography master students
GEOG-349	Cartographic visualization in GIS	5 cr	Intensive period, May	English	contact teaching	Only for degree students	yes	yes	
GEOG-350	Geographies of time	5 cr	1. period	English	contact teaching	Only for degree students	yes	yes	Intended especially for human geographers
GEOG-351	Mapping and analysing ecosystems	5 cr	4. period	English	contact teaching	Only for degree students	no	yes	Priority will be given to geography master students
GEOG-352	Geographies of young people and education	5 cr	2. period	English	contact teaching	Only for degree students	yes	yes	
GEOG-353	High-latitude landscapes and ecosystems field course	5 cr	Intensive period, May	English	contact teaching	Only for degree students	yes	yes	
GEOG-354	Urban Geography: Growth, housing and planning	5 cr	2. period	English	contact teaching	Only for degree students	yes	yes	
GEOG-356	Conservation readings	5 cr	1.8.2024-31.7.2025	English	essay	Only for degree students	no	no	
GEOG-357	Political geographies of regional development: book exam	5 cr	1.8.2024-31.7.2025	English, Finnish, Swedish	Examinarium exam	Only for degree students	no	no	
GEOG-358	Literature in remote sensing	5 cr	1.8.2024-31.7.2025	English, Finnish, Swedish	Examinarium exam	Only for degree students	no	no	
GEOG-362	Politics of Knowing: Sustainable Development in the Global World	5 cr	4. period	English	contact teaching	Only for degree students	yes	yes	
GEOG-363	Sustainability readings in geography	5 cr	1.8.2024-31.7.2025	English, Finnish, Swedish	essay	Only for degree students	no	no	
GEOG-388	Master's thesis seminar in geography	5 cr	1.-4. period	English, Finnish, Swedish	contact teaching	Only for degree students	no	no	
GEOG-G301	Introduction to advanced geoinformatics	5 cr	3. period	English	contact teaching	Only for degree students	yes	yes	
GEOG-G302	Introduction to Remote Sensing of Environment	5 cr	1. period	English	contact teaching	Only for degree students	yes	yes	
GEOG-G306	Quantitative methods of data analysis in geography	5 cr	1. period	English	contact teaching	Only for degree students	yes	no	
GEOG-G388	Advanced Seminar in Geoinformatics	5 cr	1.-4. period	English, Finnish and Swedish in reports	contact teaching	Only for degree students	yes	no	
GEOG-H301	Qualitative research techniques and analysis in human geography	5 cr	1. period	English, Finnish	contact teaching	Only for degree students	yes	no	
GEOG-H302	Quantitative research techniques and analysis in human geography	5 cr	2. period	English	multimodal teaching (contact and distance)	Only for degree students	yes	no	Geography and Urban studies and planning master students
GEOG-H303	Argumentation in human geography	5 cr	3.-4. period	English	contact teaching	Only for degree students	yes	no	Supports the course GEOG-H388 Advanced seminar in human geography and both courses should be taken in parallel during the same period (3-4).
GEOG-H304-3	Advanced literature in urban geography	5 cr	1.8.2024-31.7.2025	English	distance teaching (time-bound)	Only for degree students	yes	no	
GEOG-H388	Advanced seminar in human geography	5 cr	1.-2. 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.
GEOG-H388	Advanced seminar in human geography - new start	5 cr	3.-4. 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.
GEOG-P301	Spatial Aquatic Research	5 cr	1. period	English	contact teaching	Only for degree students	yes	yes	
GEOG-P302	Modelling in physical geography	5 cr	2. period	English	contact teaching	Only for degree students	yes	no	
GEOG-P303	Research planning in physical geography	5 cr	3. period	English	contact teaching	Only for degree students	no	no	
GEOG-P304	Advanced literature in physical geography	5 cr	1.8.2024-31.7.2025	English, Finnish, Swedish	essay	Only for degree students	no	no	
GEOG-P304	Advanced literature in physical geography	5 cr	1.8.2024-31.7.2025	English, Finnish, Swedish	Examinarium exam	Only for degree students	no	no	
GEOG-P305	M.Sc. thesis literature in physical geography	5 cr	1.8.2024-31.7.2025	English, Finnish, Swedish	essay	Only for degree students	no	no	
GEOG-P305	M.Sc. thesis literature in physical geography	5 cr	1.8.2024-31.7.2025	English, Finnish, Swedish	Examinarium exam	Only for degree students	no	no	
GEOG-P312	Spatial terrestrial research	5 cr	1. period	English, Finnish	contact teaching	Only for degree students	no	no	
GEOG-P388	Advanced seminar in physical geography	5 cr	1. period	English	contact teaching	Only for degree students	yes	no	
no code yet	Soundscape Geography	3 cr	4. period	English	multimodal teaching (contact and distance)	Only for degree students	yes	yes	Master students of Geography, Urban studies and planning and Environmental change and global sustainability
Aalto SPT-courses									
GEOG-501	Planning theory D	6 cr	TBA	English	contact teaching	Only for degree students	no	no	
GEOG-502	Urban and regional development	5 cr	Aalto 5. period	English	contact teaching	Only for degree students			
GEOG-503	Land use planning systems		TBA	English	contact teaching	Only for degree students			
Aalto GISwap-courses (cross-institutional studies)									
GIS-E1010	Geodesy and positioning (GEOG-504)	6 cr	TBA	English	contact teaching	Only for degree students	no	no	Also for master students of Geology and geophysics
GIS-E1130	Introduction to spatial data analysis (NOTE: new course, replaces GEOG-505 and GEOG 506)	6 cr	TBA	English	contact teaching	Only for degree students	no	no	Also for master students of Geology and geophysics
GIS-E4040	Spatial data science for sustainable development (GEOG-507)	6 cr	TBA	English	contact teaching	Only for degree students	no	no	Also for master students of Geology and geophysics
GIS-E5050	Advanced geodesy (GEOG-508)	6 cr	TBA	English	contact teaching	Only for degree students	no	no	Also for master students of Geology and geophysics

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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.