

Winter Semester 2023/24

Course No.	Sem.	Title	Duration	Type	Instructor(s)	Language(s) of Instruction)
512.100	W	<a href="#">Digital Earth Citizens</a> ☆	4	UV	<a href="#">Nazarkulova A,</a> <a href="#">Strobl J</a>	Englisch
651.010	W	<a href="#">Copernicus in Digital Earth (EO*GI)</a> ☆	1	UE	<a href="#">Lang S</a>	Englisch
651.011	W	<a href="#">Spatial Thinking &amp; Modelling</a> ☆	1	UE	<a href="#">Brunner-Maresch B,</a> <a href="#">Klug H, Lang S,</a> <a href="#">Maresch G, Strobl J,</a> <a href="#">Wallentin G</a>	Englisch
651.012	W	<a href="#">Career Development &amp; ePortfolio</a> ☆	1	UE	<a href="#">Blaschke T, Brunner-Maresch B,</a> <a href="#">Lang S</a>	Englisch
651.020	W	<a href="#">Systems Thinking in Spatial Representations</a> ☆	1	VO	<a href="#">Lang S</a>	Englisch
651.021	W	<a href="#">Spatial Databases</a> ☆	2	UE	<a href="#">Sudmanns M</a>	Englisch
651.030	W	<a href="#">Advanced Remote Sensing</a> ☆	4	PS	<a href="#">Augustin H, Dabiri Z,</a> <a href="#">Lang S, Tiede D</a>	Englisch
651.032	W	<a href="#">Digital Earth: Big Earth Data Concepts</a> ☆	2	UE	<a href="#">Sudmanns M, Tiede D</a>	Englisch
651.060	W	<a href="#">International Summer School I</a> ☆	1	IP	<a href="#">Augustin H, Dabiri Z,</a> <a href="#">Lang S</a>	Englisch
651.090	W	<a href="#">INT- Skills-based internships/practical (12 ECTS)</a> ☆	0	PF	<a href="#">Brunner-Maresch B,</a> <a href="#">Lang S</a>	Englisch
651.091	W	<a href="#">INT OPT-Collaborative research/work placements (6 ECTS)</a> ☆	0	PF	<a href="#">Brunner-Maresch B,</a> <a href="#">Lang S</a>	Englisch
651.701	W	<a href="#">Principles of Geovisualisation</a> ☆	4	PS	<a href="#">Vozenilek V</a>	Englisch
651.702	W	<a href="#">Thematic Cartography</a> ☆	4	SE	<a href="#">Vondráková A</a>	Englisch
651.703	W	<a href="#">Design in Geovisualisation</a> ☆	4	UE	<a href="#">Vondráková A</a>	Englisch

651.750	W	<a href="#">Artificial Intelligence</a> ☆	4	UE	<a href="#">Courty N</a>	Englisch
651.751	W	<a href="#">Computer Vision</a> ☆	4	UE	<a href="#">Lefevre S</a>	Englisch
651.752	W	<a href="#">Big Data</a> ☆	4	UE	<a href="#">Raimbault F</a>	Englisch
651.753	W	<a href="#">Interactive Data Visualisation</a> ☆	3	UE	<a href="#">Christophe S</a>	Englisch
651.754	W	<a href="#">Active and multi-temporal Remote Sensing</a> ☆	3	UE	<a href="#">Pelletier C</a>	Englisch
651.801	W	<a href="#">Cognitive Cartography</a> ☆	3	UE	<a href="#">Popelka S</a>	Englisch
651.804	W	<a href="#">Desktop Publishing in Cartography</a> ☆	2	UE	<a href="#">Vondráková A</a>	Englisch
651.806	W	<a href="#">Systematic Geovisualization</a> ☆	2	UE	<a href="#">Vozenilek V</a>	Englisch
651.900	W	<a href="#">Master Thesis supervision</a> ☆	1	UE	<a href="#">Blaschke T</a> , <a href="#">Klug H</a> , <a href="#">Lang S</a> , <a href="#">Mittlböck M</a> , <a href="#">Resch B</a> , <a href="#">Strobl J</a> , <a href="#">Tiede D</a>	Englisch
796.910	W	<a href="#">DissertantInnenseminar (Geoinformatics Doctoral Seminar)</a> ☆	1	BS	<a href="#">Blaschke T</a> , <a href="#">Klug H</a> , <a href="#">Lang S</a> , <a href="#">Resch B</a> , <a href="#">Tiede D</a> , <a href="#">Wallentin G</a>	Englisch
796.914	W	<a href="#">Methodology and the scientific discourse of the digital sciences</a> ☆	2	SE	<a href="#">Mocnik F</a>	Englisch
856.050	W	<a href="#">EsriAcad:Advanced Spatial Analysis</a> ☆	1	UE	<a href="#">Nazarkulova A</a>	Englisch
856.051	W	<a href="#">EsriAcad: Location, Graphs and Networks</a> ☆	1	UE	<a href="#">Nazarkulova A</a>	Englisch
856.052	W	<a href="#">EsriAcad: Spatial Data Management</a> ☆	1	UE	<a href="#">Nazarkulova A</a>	Englisch
856.053	W	<a href="#">EsriAcad: Advanced Spatial Data Management</a> ☆	1	UE	<a href="#">Nazarkulova A</a>	Englisch
856.054	W	<a href="#">EsriAcad: Image Classification</a> ☆	1	UE	<a href="#">Nazarkulova A</a>	Englisch

## List of Courses taught in English

Department of Geoinformatics (Z\_Gis)

Academic Year 2023/24



856.055	W	<a href="#">EsriAcad: Crime Analysis</a> ☆	1	UE	<a href="#">Nazarkulova A</a>	Englisch
856.056	W	<a href="#">EsriAcad: Spatial Statistics</a> ☆	1	UE	<a href="#">Nazarkulova A</a>	Englisch
856.057	W	<a href="#">EsriAcad: Visualization and Cartographic Design</a> ☆	1	UE	<a href="#">Nazarkulova A</a>	Englisch
856.058	W	<a href="#">EsriAcad: Spatial Analysis</a> ☆	1	UE	<a href="#">Nazarkulova A</a>	Englisch
856.059	W	<a href="#">EsriAcad: Scripting with Python and R</a> ☆	1	UE	<a href="#">Nazarkulova A</a>	Englisch
856.060	W	<a href="#">MOOC: Spatial Analysis</a> ☆	1	UE	<a href="#">Nazarkulova A</a>	Englisch
856.062	W	<a href="#">MOOC: Spatial Data Science</a> ☆	1	UE	<a href="#">Nazarkulova A</a>	Englisch
856.063	W	<a href="#">MOOC: DIY Geo Apps</a> ☆	1	UE	<a href="#">Nazarkulova A</a>	Englisch
856.064	W	<a href="#">MOOC: Imagery in Action</a> ☆	1	UE	<a href="#">Nazarkulova A</a>	Englisch
856.065	W	<a href="#">MOOC: Cartography</a> ☆	1	UE	<a href="#">Nazarkulova A</a>	Englisch
856.066	W	<a href="#">MOOC: GIS for Climate Action</a> ☆	1	UE	<a href="#">Nazarkulova A</a>	Englisch
856.110	W	<a href="#">Orientation and Introduction</a> ☆	1	UE	<a href="#">Blaschke T,</a> <a href="#">Mittlböck M</a>	Englisch
856.111	W	<a href="#">Scientific Methods and Writing</a> ☆	1	UE	<a href="#">Augustin H,</a> <a href="#">Lang S</a>	Englisch
856.113	W	<a href="#">Introduction to Data Science and Machine Learning for Geospatial Data</a> ☆	2	UE	<a href="#">Beinat E</a>	Englisch
856.114	W	<a href="#">GeoHumanitarian Action</a> ☆	2	SE	<a href="#">Lang S,</a> <a href="#">Wendt L</a>	Englisch
856.117	W	<a href="#">Short Intensive Program (International Summer School GIS)</a> ☆	2	UE	<a href="#">Blaschke T,</a> <a href="#">Klug H,</a> <a href="#">Lang S</a>	Englisch
856.121	W	<a href="#">GIScience: Theory and Concepts</a> ☆	2	SE	<a href="#">Blaschke T,</a> <a href="#">Mocnik E</a>	Englisch
856.136	W	<a href="#">ESG Monitoring and Data Analysis for Sustainable Business</a> ☆	2	UE	<a href="#">Blaschke T,</a> <a href="#">Böcskör A,</a> <a href="#">Servais M</a>	Englisch

856.138	W	<a href="#">Spatial Simulation</a> ☆	4	PS	<a href="#">Wallentin G</a>	Englisch
856.141	W	<a href="#">Methods in Spatial Analysis</a> ☆	2	PS	<a href="#">Scholz J</a>	Englisch
856.151	W	<a href="#">Basics of Software Development</a> ☆	2	VO	<a href="#">Resch B</a>	Englisch
856.152	W	<a href="#">Practice: Software Development (Java)</a> ☆	2	PS	<a href="#">Resch B</a>	Englisch
856.161	W	<a href="#">Design of Geospatial Data Models</a> ☆	2	VO	<a href="#">Belina G</a>	Englisch
856.162	W	<a href="#">SDI Services Implementation</a> ☆	3	IP	<a href="#">Mittlböck M,</a> <a href="#">Steinbacher E</a>	Englisch
856.171	W	<a href="#">ePortfolio AGI</a> ☆	1	PK	<a href="#">Mittlböck M</a>	Englisch
856.880	W	<a href="#">Selected Topics in Geoinformatics</a> ☆	2	VO	<a href="#">Nazarkulova A,</a> <a href="#">Strobl J</a>	Englisch
856.908	W	<a href="#">Object-based Image Analysis</a> ☆	2	UE	<a href="#">Lang S,</a> <a href="#">Tiede D</a>	Englisch

### Summer Semester 2024

Course No.	Sem.	Title	Duration	Type	Lecturer(s)	Language(s) of Instruction
512.030	S	<a href="#">Market and Innovation Compact</a> ☆	0.5	P	<a href="#">Breninger B</a>	English
512.201	S	<a href="#">Introduction into Applied Statistics</a> ☆	2	L	<a href="#">Bathke A</a>	English
512.202	S	<a href="#">Introduction into Applied Statistics</a> ☆	2	P	<a href="#">Geroldinger M</a>	English
651.INT	S	<a href="#">Internship</a> ☆	0	PF	<a href="#">Brunner-Maresch B,</a> <a href="#">Lang S</a>	English
651.012	S	<a href="#">Career Development &amp; ePortfolio</a> ☆	1	P	<a href="#">Blaschke T,</a> <a href="#">Brunner-Maresch B,</a> <a href="#">Lang S</a>	English

651.013	S	<a href="#">Scientific Methods and Writing</a> ☆	1	P	<a href="#">Augustin H</a> , <a href="#">Lang S</a>	English
651.031	S	<a href="#">Copernicus Hubs and Institutions</a> ☆	1	SE	<a href="#">Brunner-Maresch B</a> , <a href="#">Lang S</a>	English
651.040	S	<a href="#">Analysis and Modeling (Remote Sensing)</a> ☆	2	SE	<a href="#">Augustin H</a> , <a href="#">Dabiri Z</a> , <a href="#">Lang S</a> , <a href="#">Tiede D</a>	English
651.050	S	<a href="#">Project Management</a> ☆	2	P	<a href="#">Lang S</a>	English
651.051	S	<a href="#">Practice: Software Development</a> ☆	2	P	<a href="#">Augustin H</a>	English
651.052	S	<a href="#">Application Development (Earth Observation)</a> ☆	3	IP	<a href="#">Sudmanns M</a> , <a href="#">Tiede D</a>	English
651.061	S	<a href="#">International Summer School II</a> ☆	1	IP	<a href="#">Lang S</a> , <a href="#">Sudmanns M</a> , <a href="#">Tiede D</a>	English
651.062	S	<a href="#">Blended Intensive Programme (BIPs)</a> ☆	1	UV	<a href="#">Brunner-Maresch B</a> , <a href="#">Lang S</a>	English
651.090	S	<a href="#">INT- Skills-based internships/practical (12 ECTS)</a> ☆	0	PF	<a href="#">Brunner-Maresch B</a> , <a href="#">Lang S</a>	English
651.091	S	<a href="#">INT OPT-Collaborative research/work placements (18 ECTS)</a> ☆	0	PF	<a href="#">Brunner-Maresch B</a> , <a href="#">Lang S</a>	English
651.704	S	<a href="#">Web Cartography</a> ☆	4	P	<a href="#">Netek R</a>	English
651.802	S	<a href="#">3D Visualization</a> ☆	3	P	<a href="#">Brus J</a>	English
651.803	S	<a href="#">Cartographic Project</a> ☆	2	P	<a href="#">Vondráková A</a>	English
651.805	S	<a href="#">Advanced Visualization Methods</a> ☆	3	P	<a href="#">Vondráková A</a>	English
651.807	S	<a href="#">GeoData Science Practical Workshop</a> ☆	3	IP	<a href="#">Lefevre S</a> , <a href="#">Pelletier C</a>	English
651.900	S	<a href="#">Master Thesis supervision</a> ☆	1	P	<a href="#">Blaschke T</a> , <a href="#">Klug H</a> , <a href="#">Lang S</a> , <a href="#">Mittlböck M</a> , <a href="#">Resch B</a> , <a href="#">Tiede D</a>	English

651.901	S	<a href="#">CDE e-Portfolio</a> ☆	1	P	<a href="#">Brunner-Maresch B</a> , <a href="#">Lang S</a> , <a href="#">Mittlböck M</a>	English
796.910	S	<a href="#">Doctoral Seminar: Geoinformatics and GIScience</a> ☆	1	BS	<a href="#">Blaschke T</a> , <a href="#">Klug H</a> , <a href="#">Lang S</a> , (N.N.SJ), <a href="#">400200</a> , <a href="#">Resch B</a> , <a href="#">Tiede D</a> , <a href="#">Wallentin G</a>	English
796.911	S	<a href="#">Preparation for the Research Doctoral Degree</a> ☆	2	P	<a href="#">Blaschke T</a>	English
856.050	S	<a href="#">EsriAcad: Advanced Spatial Analysis</a> ☆	1	P	<a href="#">Nazarkulova A</a>	English
856.051	S	<a href="#">EsriAcad: Location, Graphs and Networks</a> ☆	1	P	<a href="#">Nazarkulova A</a>	English
856.052	S	<a href="#">EsriAcad:Spatial Data Management</a> ☆	1	P	<a href="#">Nazarkulova A</a>	English
856.053	S	<a href="#">EsriAcad: Advanced Spatial Data Management</a> ☆	1	P	<a href="#">Nazarkulova A</a>	English
856.054	S	<a href="#">EsriAcad: Image Classification</a> ☆	1	P	<a href="#">Nazarkulova A</a>	English
856.055	S	<a href="#">EsriAcad: Crime Analysis</a> ☆	1	P	<a href="#">Nazarkulova A</a>	English
856.056	S	<a href="#">EsriAcad: Spatial Statistics</a> ☆	1	P	<a href="#">Nazarkulova A</a>	English
856.057	S	<a href="#">EsriAcad: Visualization and Cartographic Design</a> ☆	1	P	<a href="#">Nazarkulova A</a>	English
856.058	S	<a href="#">EsriAcad: Spatial Analysis</a> ☆	1	P	<a href="#">Nazarkulova A</a>	English
856.059	S	<a href="#">EsriAcad: Scripting with Python and R</a> ☆	1	P	<a href="#">Nazarkulova A</a>	English
856.060	S	<a href="#">MOOC: Spatial Analysis</a> ☆	1	P	<a href="#">Nazarkulova A</a>	English
856.062	S	<a href="#">MOOC: Spatial Data Science</a> ☆	1	P	<a href="#">Nazarkulova A</a>	English

856.063	S	<a href="#">MOOC: DIY Geo Apps</a> ★	1	P	<a href="#">Nazarkulova A</a>	English
856.064	S	<a href="#">MOOC: Imagery in Action</a> ★	1	P	<a href="#">Nazarkulova A</a>	English
856.065	S	<a href="#">MOOC: Cartography</a> ★	1	P	<a href="#">Nazarkulova A</a>	English
856.110	S	<a href="#">Orientation and Introduction</a> ★	1	P	<a href="#">Mittlböck M, (N.N.SJ), 400200</a>	English
856.117	S	<a href="#">Short Intensive Program (International Summer School GIS)</a> ★	2	P	<a href="#">Blaschke T, Klug H, Lang S, (N.N.SJ), 400200</a>	English
856.122	S	<a href="#">Lectures in GIScience (research progress and frontiers)</a> ★	2	L	<a href="#">Blaschke T</a>	English
856.131	S	<a href="#">Advanced Remote Sensing</a> ★	4	P	<a href="#">Augustin H, Dabiri Z, Lang S, Tiede D</a>	English
856.132	S	<a href="#">Geovisualization and Advanced Cartography</a> ★	4	P	<a href="#">Hennig S, (N.N.(Post Doc)), 0165, Schernthanner-Hofer B</a>	English
856.134	S	<a href="#">Multivariate Statistics</a> ★	2	P	<a href="#">Koch A</a>	English
856.135	S	<a href="#">Spatial Statistics</a> ★	2	P	<a href="#">(N.N.SJ), 400200</a>	English
856.139	S	<a href="#">Geodata Acquisition</a> ★	2	P	<a href="#">Griesebner G, Seekircher C</a>	English
856.142	S	<a href="#">Analysis and Modeling</a> ★	2	SE	<a href="#">Wallentin G</a>	English
856.154	S	<a href="#">IP: Application Development</a> ★	3	IP	<a href="#">Resch B, Tiede D</a>	English
856.164	S	<a href="#">Open GIS: Standards, Architectures and Services</a> ★	2	L	<a href="#">Mittlböck M</a>	English
856.165	S	<a href="#">I3 project</a> ★	7	IP	<a href="#">Klug H, Lang S, Mittlböck M, Tiede D</a>	English
856.171	S	<a href="#">ePortfolio AGI</a> ★	1	P	<a href="#">Blaschke T, Mittlböck M</a>	English

**List of Courses taught in English**  
Department of Geoinformatics (Z\_Gis)  
Academic Year 2023/24



856.880	S	<a href="#">Selected Topics in Geoinformatics</a> ☆	2	L	<a href="#">Nazarkulova A, Strobl J</a>	English
856.908	S	<a href="#">Object-based Image Analysis</a> ☆	2	P	<a href="#">Lang S, Tiede D</a>	English