

Joe Bloggs
 Wehntalerstrasse 600
 8046 Zurich
 Student ID No. XX-XXX-XXX

Zurich, XX/2/2024

Personal curriculum in accordance with the 2021 Programme Regulations for the Master’s programme in Spatial Development and Infrastructure Systems

CS: Compulsory subjects (if possible, to be taken in the first two semesters)

SS: Specialist subjects

AR: Additional requirements (if applicable)

N.B.: Please ensure the deadlines specified in the admission letter are observed

1st Semester: Curriculum for Spring Semester 2024

	CU No.	Title	hpw	cp
SS	052-0728-24L	4D-Geodesigning Urban Transformation	3	3
SS	103-0572-00L	Advanced Introduction to Planning Theory	2	4
SS	364-0576-00L	Advanced Sustainability Economics	3	3
SS	101-0419-01L	Bahninfrastrukturen 1	2	2
SS	751-2700-00L	Bodenmarkt und Bodenpolitik	2	2
SS	227-0524-00L	Eisenbahn-Systemtechnik II	4	6
SS	101-0428-00L	Entwurf und Bau von Verkehrsanlagen	4	6
SS	101-0488-01L	Fuss- und Veloverkehr	4	6
SS	103-0318-02L	GIS-Based 3D Landscape Visualization*	2	3
SS	103-0458-00L	Haushälterische Bodennutzung	2	3
SS	101-0579-00L	Infrastructure Management 2: Evaluation Tools	2	6
SS	102-0248-00L	Infrastructure Systems in Urban Water Management	2	3
SS	103-0330-00L	Landscape Aesthetics	2	2
SS	101-0459-00L	Logistics and Freight Transportation	4	6
SS	151-0228-00L	Management & Sustainability of Air Transport	3	4
SS	103-0488-00L	Master’s Project in Spatial Development and Infrastructure Systems	18	9
SS	701-1522-00L	Multi-Criteria Decision Analysis*	2	3
SS	103-0468-00L	Participatory Environmental Modeling	2	3
SS	052-0710-00L	Perspektiven auf Landschaft und Urbane Transformation II	2	2
SS	101-0388-00L	Planning of Underground Space	2	3
SS	701-1653-00L	Policy and Economics of Ecosystem Services	2	3
SS	101-0408-00L	Praktikum Siedlung und Verkehr	2	3
SS	103-0338-00L	Projektwoche Landschaftsentwicklung	9	5

SS	101-0481-00L	Readings in Transport Policy	2	3
SS	103-0427-00L	Regionalökonomie	2	4
SS	701-1674-00L	Spatial Analysis, Modelling and Optimisation*	4	5
SS	103-0326-01L	Standortmanagement	2	2
SS	101-0478-00L	Survey Methods and Discrete Choice Analysis	4	6
SS	052-0716-24L	Topology	2	2
SS	103-0428-02L	Urban Design Studio for Planners	4	6
SS	103-0570-00L	Urban Planning and Urban Policy*	2	4
SS	103-0571-00L	Urban Sustainable Development	2	4
AR				
AR				
AR				
Total				

*: Limited number of places: please include an alternative in the curriculum

CU No = Course unit number

hpw = Hours per week

cp = Credits

2nd Semester: Curriculum for Autumn Semester 2024

	CU No.	Title	hpw	cp
CS	103-0377-10L	Basics of RE&IS	2	3
CS	101-0509-10L	Infrastructure Planning	2	3
CS	103-0378-00L	Introduction to the Programming Language R	2	3
CS	103-0347-00L	Landscape Planning and Environmental Systems	2	3
CS	103-0317-00L	Spatial Planning and Development	2	3
CS	101-0467-01L	Transport Systems	4	6
SS	102-0317-00L	Advanced Environmental Assessments	2	3
SS	101-0491-00L	Agent Based Modeling in Transportation	4	6
SS	101-0419-02L	Bahninfrastrukturen 2	2	2
SS	151-0227-00L	Basics of Air Transport (Aviation I)	3	4
SS	101-0491-10L	Basics of Java and Best Practices for Scientific Computing	1	1
SS	103-0251-00L	Computational Methods for Geospatial Analysis	4	4
SS	701-1453-00L	Ecological Assessment and Evaluation	3	3
SS	363-0541-00L	Economic Dynamics and Complexity	3	3
SS	227-0523-00L	Eisenbahn-Systemtechnik I	4	6
SS	103-0569-00L	European Aspects of Spatial Development	2	3
SS	701-1631-00L	Foundations of Ecosystem Management	3	5

SS	103-0327-00L	Geschichte der Raumplanung	2	3
SS	103-0347-01L	Landscape Planning and Environmental Systems (GIS Exercises)	2	3
SS	052-0705-00L	Landschaftsarchitektur I	2	2
SS	063-0701-23L	Methoden der Stadtforschung	2	2
SS	101-0492-00L	Microscopic Modelling and Simulation of Traffic Operations	2	3
SS	101-0427-01L	Public Transport Design and Operations	4	6
SS	851-0707-00L	Raumplanungsrecht und Umwelt	2	2
SS	101-0469-00L	Strassenverkehrssicherheit	4	6
SS	052-0715-23L	Topology	2	2
SS	101-0437-00L	Traffic Engineering	4	6
SS	101-0417-00L	Transport Planning Methods	4	6
SS	363-1047-00L	Urban Systems and Transportation	2	3
AR				
AR				
AR				
Total				

*: Limited number of places: please include an alternative in the curriculum

3rd Semester: Curriculum for Spring Semester 2025

	CU No.	Title	hpw	cp
SS	052-0728-24L	4D-Geodesigning Urban Transformation	3	3
SS	103-0572-00L	Advanced Introduction to Planning Theory	2	4
SS	364-0576-00L	Advanced Sustainability Economics	3	3
SS	101-0419-01L	Bahninfrastrukturen 1	2	2
SS	751-2700-00L	Bodenmarkt und Bodenpolitik	2	2
SS	227-0524-00L	Eisenbahn-Systemtechnik II	4	6
SS	101-0428-00L	Entwurf und Bau von Verkehrsanlagen	4	6
SS	101-0488-01L	Fuss- und Veloverkehr	4	6
SS	103-0318-02L	GIS-Based 3D Landscape Visualization*	2	3
SS	103-0458-00L	Haushälterische Bodennutzung	2	3
SS	101-0579-00L	Infrastructure Management 2: Evaluation Tools	2	6
SS	102-0248-00L	Infrastructure Systems in Urban Water Management	2	3
SS	103-0330-00L	Landscape Aesthetics	2	2
SS	101-0459-00L	Logistics and Freight Transportation	4	6
SS	151-0228-00L	Management & Sustainability of Air Transport	3	4
SS	103-0488-00L	Master's Project in Spatial Development and Infrastructure Systems	18	9

SS	701-1522-00L	Multi-Criteria Decision Analysis*	2	3
SS	103-0468-00L	Participatory Environmental Modeling	2	3
SS	052-0710-00L	Perspektiven auf Landschaft und Urbane Transformation II	2	2
SS	101-0388-00L	Planning of Underground Space	2	3
SS	701-1653-00L	Policy and Economics of Ecosystem Services	2	3
SS	101-0408-00L	Praktikum Siedlung und Verkehr	2	3
SS	103-0338-00L	Projektwoche Landschaftsentwicklung	9	5
SS	101-0481-00L	Readings in Transport Policy	2	3
SS	103-0427-00L	Regionalökonomie	2	4
SS	701-1674-00L	Spatial Analysis, Modelling and Optimisation*	4	5
SS	103-0326-01L	Standortmanagement	2	2
SS	101-0478-00L	Survey Methods and Discrete Choice Analysis	4	6
SS	052-0716-24L	Topology	2	2
SS	103-0428-02L	Urban Design Studio for Planners	4	6
SS	103-0570-00L	Urban Planning and Urban Policy*	2	4
SS	103-0571-00L	Urban Sustainable Development	2	4
Total				

*: Limited number of places: please include an alternative in the curriculum

4thSemester: Curriculum for Autumn Semester 2025

	CU No.	Title	hpw	cp
SS	102-0317-00L	Advanced Environmental Assessments	2	3
SS	101-0491-00L	Agent Based Modeling in Transportation	4	6
SS	101-0419-02L	Bahninfrastrukturen 2	2	2
SS	151-0227-00L	Basics of Air Transport (Aviation I)	3	4
SS	101-0491-10L	Basics of Java and Best Practices for Scientific Computing	1	1
SS	103-0251-00L	Computational Methods for Geospatial Analysis	4	4
SS	701-1453-00L	Ecological Assessment and Evaluation	3	3
SS	363-0541-00L	Economic Dynamics and Complexity	3	3
SS	227-0523-00L	Eisenbahn-Systemtechnik I	4	6
SS	103-0569-00L	European Aspects of Spatial Development	2	3
SS	701-1631-00L	Foundations of Ecosystem Management	3	5
SS	103-0327-00L	Geschichte der Raumplanung	2	3
SS	103-0347-01L	Landscape Planning and Environmental Systems (GIS Exercises)	2	3
SS	052-0705-00L	Landschaftsarchitektur I	2	2
SS	063-0701-23L	Methoden der Stadtforschung	2	2

SS	101-0492-00L	Microscopic Modelling and Simulation of Traffic Operations	2	3
SS	101-0427-01L	Public Transport Design and Operations	4	6
SS	851-0707-00L	Raumplanungsrecht und Umwelt	2	2
SS	101-0469-00L	Strassenverkehrssicherheit	4	6
SS	052-0715-23L	Topology	2	2
SS	101-0437-00L	Traffic Engineering	4	6
SS	101-0417-00L	Transport Planning Methods	4	6
SS	363-1047-00L	Urban Systems and Transportation	2	3
Total				

Total of specialist subjects:

1st Semester credits
 2nd Semester credits
 3rd Semester credits
 4th Semester credits (additional semester due to start of degree programme in spring)
Total credits (mind 51)

Date/Signature of student:	Date/Signature of tutor:
----------------------------	--------------------------

N.B.

- Should there be any discrepancies with the information contained in the course catalogue, the course catalogue shall take precedence.
- Once signed by the Director of Studies, the curriculum shall be deemed as approved in accordance with Art. 10 para. 3 and 4 of the Programme Regulations 2021. However, the study plan is not binding and specialist subjects may be replaced by other subjects in this category listed in the course catalogue. These amendments do not require renewed approval.
- This curriculum will not be checked for accuracy, deadlines and/or completeness. It aims to engage the students with the formal and content-oriented aspects of their course of studies. It is the students' responsibility to ensure compliance with the study regulations, study deadlines etc.