Joe Bloggs Zurich, XX/2/2024

Wehntalerstrasse 600

8046 Zurich

Student ID No. XX-XXX-XXX

**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

|  |  |  |
| --- | --- | --- |
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**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.