Joe Bloggs Zurich, XX/2/2024

Wehntalerstrasse 600

8046 Zurich

Student ID No. XX-XXX-XXX

**Personal curriculum in accordance with the 2022 Programme Regulations**

**for the Master’s programme in Geomatics**

Compulsory: Compulsory subjects (if possible, to be taken in the first Autumn semester)

Core: Core electives

Complementary: Complementary electives

**1st Semester: Curriculum for Spring Semester 2024**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **CU No.** | **Title** | **hpw** | **cp** |
| Core | 103-0237-00L | Advanced GIS | 3G | 6 |
| Core | 103-0137-00L | Engineering Geodesy | 4G | 6 |
| Core | 103-0178-00L | Geodetic Earth Monitoring | 4G | 6 |
| Core | 103-0458-00L | Haushälterische Bodennutzung | 2G | 3 |
| Core | 103-0247-00L | Mobile GIS and Location-Based Services | 4G | 6 |
| Core | 103-0228-00L | Research Topics in Cartography | 3G | 6 |
| Core | 103-0326-01L | Standortmanagement | 2G | 2 |
| Complementary | 252-0579-00L | 3D Vision | 3G+1A | 5 |
| Complementary | 401-6624-11L | Applied Time Series | 2V+1U | 5 |
| Complementary | 103-0747-00L | Cartography Lab | 13A | 6 |
| Complementary | 103-0318-02L | GIS-Based 3D Landscape Visualization | 2G | 3 |
| Complementary | 252-0220-00L | Introduction to Machine Learning | 4V+2U+1A | 8 |
| Complementary | 701-0412-00L | Klimasysteme | 2G | 3 |
| Complementary | 103-0338-00L | Projektwoche Landschaftsentwicklung | 9P | 5 |
| Complementary | 860-0001-00L | Public Institutions and Policy-Making Processes\* | 2G | 3 |
| Complementary | 151-0566-00L | Recursive Estimation | 2V+1U | 4 |
| Complementary | 103-0427-00L | Regionalökonomie | 2G | 4 |
| **Total** |  |  |

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

**2rd Semester: Curriculum for Autumn Semester 2024**

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| --- | --- | --- | --- | --- |
|  | **CU No.** | **Title** | **hpw** | **cp** |
| Compulsory | 103-0251-00L | Computational Methods for Geospatial Analysis | 4G | 4 |
| Compulsory | 103-0250-00L | Geospatial Data Acquisition | 4G | 4 |
| Compulsory | 103-0249-00L | Geospatial Reference Systems | 4G | 4 |
| Compulsory | 103-0248-00L | Geospatial Research Methods | 4G | 4 |
| Core | 103-0227-00L | Application Development in Cartography | 4G | 6 |
| Core | 102-0627-00L | Applied Radar Remote Sensing | 2G | 3 |
| Core | 102-0617-00L | Basics and Principles of Radar Remote Sensing for Environmental Applications | 2G | 3 |
| Core | 103-0687-00L | Cadastral Systems | 2G | 2 |
| Core | 103-0287-00L | Image-based Mapping | 2G | 6 |
| Core | 851-0724-01L | Immobiliarsachenrecht | 3V | 3 |
| Core | 101-0427-01L | Public Transport Design and Operations | 4G | 6 |
| Core | 103-0187-01L | Space Geodesy | 4G | 6 |
| Core | 101-0417-00L | Transport Planning Methods | 4G | 6 |
| Complementary | 103-0747-00L | Cartography Lab | 13A | 6 |
| Complementary | 103-0778-00L | GIS and Geoinformatics Lab | 4P | 4 |
| Complementary | 103-0258-00L | Interoperability of GIS | 3G | 3 |
| Complementary | 103-0820-00L | Introduction to Scientific Computation | 2G | 3 |
| Complementary | 263-5905-00L | Mixed Reality | 3G+1A | 5 |
| Complementary | 103-0787-00L | Project Parameter Estimation | 2P | 3 |
| Complementary | 363-0790-00L | Technology Entrepreneurship | 2V | 2 |
| **Total** |  |  |

CU No = Course unit number

hpw = Hours per week

cp = Credits

**3rd Semester: Curriculum for Spring Semester 2025**

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| --- | --- | --- | --- | --- |
|  | **CU No.** | **Title** | **hpw** | **cp** |
| Core | 103-0237-00L | Advanced GIS | 3G | 6 |
| Core | 103-0137-00L | Engineering Geodesy | 4G | 6 |
| Core | 103-0178-00L | Geodetic Earth Monitoring | 4G | 6 |
| Core | 103-0458-00L | Haushälterische Bodennutzung | 2G | 3 |
| Core | 103-0247-00L | Mobile GIS and Location-Based Services | 4G | 6 |
| Core | 103-0228-00L | Research Topics in Cartography | 3G | 6 |
| Core | 103-0326-01L | Standortmanagement | 2G | 2 |
| Complementary | 252-0579-00L | 3D Vision | 3G+1A | 5 |
| Complementary | 401-6624-11L | Applied Time Series | 2V+1U | 5 |
| Complementary | 103-0747-00L | Cartography Lab | 13A | 6 |
| Complementary | 103-0318-02L | GIS-Based 3D Landscape Visualization | 2G | 3 |
| Complementary | 252-0220-00L | Introduction to Machine Learning | 4V+2U+1A | 8 |
| Complementary | 701-0412-00L | Klimasysteme | 2G | 3 |
| Complementary | 103-0338-00L | Projektwoche Landschaftsentwicklung | 9P | 5 |
| Complementary | 860-0001-00L | Public Institutions and Policy-Making Processes\* | 2G | 3 |
| Complementary | 151-0566-00L | Recursive Estimation | 2V+1U | 4 |
| Complementary | 103-0427-00L | Regionalökonomie | 2G | 4 |
| **Total** |  |  |

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

|  |  |
| --- | --- |
| Total of **core** electives (at least 24 cp):1st Semester: ….. credits2nd Semester: ….. credits3rd Semester: ….. credits**Total: ….. credits** | Total of **complementary** electives (at least 16 cp):1st Semester: ….. credits2nd Semester: ….. credits3rd Semester: ….. credits**Total: ….. credits** |

|  |  |
| --- | --- |
| 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 tutor, the curriculum shall be deemed as approved in accordance with Art. 10 para. 3 and 4 of the Programme Regulations 2022. However, core and complementary electives may be replaced by other courses in this category listed in the course catalogue. These amendments do not require renewed approval.