Barrier-free Version: Model Curriculum

This document constitutes the barrier-free version of the model curriculum of the DSI Minor Digital Skills (30 ECTS). The model curriculum illustrates a possible, exemplary selection of courses with the study program starting each fall semester (HS). No claims can be derived from this document.

Explanation

There are four module groups. For each module group we listed in the following the mandatory courses and a selection of elective courses for the fall semester and the spring semester. To see all elective courses offered, please go to the UZH course catalogue.

1. Module group "Interdisciplinarity and Digital Transformation"

Within this module group, students have to complete all mandatory courses and at least 12 credits (which is achieved by completing all mandatory courses of that module group)

Fall Semester	Spring Semester
Teamwork on Digital Transformation Challenges I (mandatory, 3 ECTS)	Teamwork on Digital Transformation Challenges II (mandatory, 6 ECTS)
Digital Transformation – a Scientific Overview (mandatory, 3 ECTS)	Digital Transformation – an Artistic Reflection (elective, 3 ECTS)
Philosophie des Digitalen (elective, only in German, 3 ECTS)	

2. Module group "Programming, Machine Learning & AI"

Within this module group, students have to complete all mandatory courses and at least 3 credits (which is achieved by completing the one mandatory course within this module group.

Fall Semester	Spring Semester
Programming Bootcamp (elective, 2 ECTS)	Interdisciplinary Introduction to Machine Learning (elective, 4 ECTS)
Intermediate Python Programming (mandatory, 3 ECTS/ exception: Students who can demonstrate equivalent or higher Python skills with courses already completed may substitute the course with other courses from all module groups offered within the digital skills minor program.)	Using language models to mine public opinion (elective, 1 ECTS)

3. Module group "Digital Skills & Tools"

Within this module group there are no mandatory courses. Students have to complete at least 6 ECTS within this module group.

Fall Semester	Spring Semester
Open Source Intelligence (OSINT) (elective, 3 ECTS)	Ethical and reflective prompt engineering for ChatGPT and Co. (elective, 1 ECTS)
UZH Innovathon (elective, 3 ECTS)	

4. Module group "Inter-/Transdisciplinary Competencies"

Lastly, students can further choose a maximum of 3 ECTS from the entire UZH- and ETH-offer within this module group.

Legal Note

1. The model curriculum illustrates a possible, exemplary selection of courses with the study program starting each fall semester (HS). No claims can be derived from this graphic (see StO/appendix study regulation).
2. Electives (W-Modules) can be replaced by other electives from all module groups offered within the digital skills study program. The elective modules listed here are just a suggestion. See the course catalogue (VVZ) for current offer.