Double MSc Degree in Life Sciences with the University of Bologna, Italy

Specialisation in Environmental Technologies

Study one additional semester in the MSc in Earth Resources Engineering at the University of Bologna and you will obtain two diplomas: MSc in Life Sciences FHNW and Laurea Magistrale in Ingegneria per l' Ambiente e il Territorio by the University of Bologna. This combination of degrees is especially helpful for students aiming to pursue a PhD.

Master's Thesis (fourth semester)
Depending on the choice of the student, the MSc Thesis is either conducted under the auspices of the FHNW School of Life Sciences or the University of Bologna and jointly supervised and evaluated.

Application Deadlines
Apply for the double degree programme by March 15th respectively September 15th preceding the exchange semester to Prof. Dr. Georg Lipps (georg.lipps@fhnw.ch). Selected students will then be asked to submit their application to the University of Bologna by July 1st respectively December 1st.

Financial Support
Double degree students are eligible for the Swiss-European Mobility Programme (SEMP) and may receive financial support.

After the first two semesters of the MSc in Life Sciences you attend the third semester at the University of Bologna:

Module offer Autumn Semester (ECTS)
Elective modules:
Circular Economy: Basics and Implications (6)
Global Environmental Law (6)
Laboratory of Environmental Engineering and Energy Economics (3)
Resources and Recycling (9)
Engineering Geology (6)
Modelling and Management of Natural Hydraulic Systems (6)
Carbon Capture and Storage Technologies (6)
Geostatistics and Environmental Modelling (6)
Subsurface Energy Systems (6)
In total 30 ECTS have to be gained.

Module offer Spring Semester (ECTS)
Elective modules:
Applied Geophysics (3)
Biotechnology for the Sustainable Reclamation of Contaminated Lands and Waters (6)
Industrial Ecology I.C. (9)
Climate Change Adaptation (6)
Laboratory of Environmental Engineering and Energy Economics (3)
Geotechnical Engineering for Land Protection (6)
Clean Technologies for Energy Transition (6)
Smart and Sustainable Water Management (6)
Mineral Production Systems (6)
In total 30 ECTS have to be gained.

www.fhnw.ch/hls/doubledegree