



Mathematisch-naturwissenschaftliche Fakultät

Anhang zur Studienordnung

Quantitative Environmental Sciences

Studienstufe: Master

Programmformat: Mono 90, Major 90

Abschluss: Master of Science UZH in Quantitative Environmental Sciences

Inhalt des Programms

The major study program in Quantitative Environmental Sciences consists of 90 ECTS credits. The following structures and combinations are possible within the Master's degree program: single major study program worth 90 ECTS credits or a major study program worth 90 ECTS credit in combination with a minor study program worth 30 ECTS credits. Possible minor study programs (30 ECTS) are: Applied Probability and Statistics, Biology, Computational Sciences, Bioinformatics, Geography, Chemistry, etc.

Zulassungsvoraussetzungen

All students are required to have a bachelor's degree from a Swiss University or equivalent, sufficient knowledge in mathematics and physics (including statistics and methods of scientific research) equivalent 10 ECTS credits; biology and chemistry equivalent 10 ECTS credits and environmental sciences equivalent 8 ECTS credits.

The language of instruction is English.

Qualifikationsziele

At the end of the Masters in Quantitative Environmental Sciences, students will be able to:

1. identify and discuss the scientific bases of global and local environmental problems;
 2. consider environmental topics from various interdisciplinary vantage points such as evolutionary, economic, and cultural;
 3. speak broadly about current research directions in the field of environmental sciences;
 4. formulate research questions for scientific projects;
 5. design methodological approaches to answering research questions;
 6. collect and analyze data;
 7. formulate comprehensive research conclusions and suggestions for future study;
 8. critically analyze the validity and reliability of the data and methods of one's own and other studies
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Studienplan

Programmstruktur	Bestehensvoraussetzungen	
	Mono 90	Major 90 mit Minor 30
	24 ECTS credits compulsory modules	24 ECTS credits compulsory modules
	6 ECTS credits elective modules from the offer of UZH and ETH	6 ECTS credits elective modules from the offer of UZH and ETH
	6 ECTS credits elective modules from the offer of UZH and ETH	6 ECTS credits elective modules from the offer of UZH and ETH
		30 ECTS Minor
Total	90 ECTS	120 ECTS

Wirksamkeit und Gültigkeit

Dieser Anhang zur Studienordnung tritt am 1. August 2021 in Kraft. Er gilt für alle Studierenden, die das oben genannte Bachelorstudienprogramm am 1. August 2021 oder später beginnen.

Erlassen durch die Fakultätsversammlung am 22. April 2021, genehmigt durch die Erweiterte Universitätsleitung am 8. Juni 2021.