



**University of
Zurich** ^{UZH}

**Department of Evolutionary
Biology and Environmental
Studies**

University of Zurich
Winterthurerstr. 190
CH-8057 Zurich
www.ieu.uzh.ch

**Specialised Master's Program in
Quantitative Environmental Sciences**



Coordinator:
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Infos:
www.ieu.uzh.ch

PROGRAM OVERVIEW 2023-2024

Compulsory Modules (90 ECTS CREDITS)

Modules	ECTS
UWW 200 Master thesis	60
UWW 210 Field course	2
UWW 210 Field course in biodiversity assessment and monitoring (2 ECTS)	
UWW 220 Concepts on biodiversity	3
UWW 220 Species interactions and biodiversity (3 ECTS)	
UWW 230 Resource management and conservation	2
UWW 230 Analysis and management of biological population (2ECTS)	
UWW 250 Spatial ecology and remote sensing	2
UWW 250 Spatial ecology and remote sensing (2 ECTS)	
UWW 260 Research methods	2
UWW 260 Presentation and discussion of master projects (2 ECTS)	
UWW 270 Quantitative analysis	9
UWW 271 Contemporary analysis for ecology (4 ECTS)	
BIO 377 Introduction to R (2 ECTS)	
UWW 273 Introduction to theoretical ecology (3 ECTS)	
UWW 280 Special topics	6
UWW 290 Research Seminar	4
BIO 295 Agroecology, Food Security & Sustain. Production (3 ECTS)	
UWW 292 Research seminar: BEES, SEBES (1 ECTS)	

Schedule (September 18th until December 22th 2023)

Time	Monday	Tuesday	Wednesday	Thursday	Friday
8:00-8:45		UWW 271	Block course	Block course	Block course
9:00-9:45		UWW 271	Block course	Block course	Block course
10:15-11:00	UWW 220	UWW 273	Block course	Block course	Block course
11:15-12:00	UWW 220	UWW 273	Block course	Block course	Block course
12:15-13:00				UWW 292	
13:00-13:45	UWW 271	Block course	Block course	Block course	Block course
14:00-14.45	UWW 271	Block course	Block course	Block course	Block course
15:00-15:45		Block course	Block course	Block course	Block course
16:15-17:00		Block course	Block course	Block course	Block course
17:15-18:00					
18:15-19:00					

Block Courses

Week	Date	Block Course
2023	Aug 13-18	UWW210 Field course in Elm, Canton Glarus
1	Sept 19-21	BIO 377 (Tue, Wed, Thur)
2	Sept 27 & 28	BIO 377 (Wed, Thur)
3	Okt 4-5	Research groups presentations
4		
5		
6	Oct 25-27	UWW 230 (Wed, Thur, Frid)
7	Nov 1 & 3	UWW 230 (Wed, Frid)
8	Nov 7-10	UWW 250 (Tue afternoon, Wed, Thur, Frid)
9	Nov 14-17	UWW 250 (Tue afternoon, Wed, Thur, Frid)
10		
11		
12		
13	Dec 14-15	Master thesis presentations of master students from previous year. Thur & Frid afternoon
14	Dec 18-19	Exams (UWW221, UWW271, UWW273)
2024	Jan 8-12	UWW 260, proposal presentations on 12 Jan 2024, deadline written proposal 29 January 2024
FS24	Tuesdays, 8-10 (from 20 Feb. till 28 May 2024)	BIO 295 Agroecology, Food Security & Sustainable Production

Category	Variable
Note	Students choose additional courses, conferences, seminars, etc. to supplement our mandatory masters courses
Optional topics	<p>Courses from UZH course catalogue or other Universities. Courses can be freely selected from the online course catalogue: http://www.vorlesungen.uzh.ch/ http://www.vvz.ethz.ch/Vorlesungsverzeichnis</p> <p>The courses can be credited if they are a valuable addition to the courses from the UWW master's program.</p> <p>Language Center of the University of Zurich and ETH Zurich (not more than 2 ECTS) The Language Center offers courses in different languages: http://www.sprachenzentrum.uzh.ch/index_en.php</p>
Assessment	Various
ECTS Credits	At least 6 ECTS Credits

Category	Department Seminars
Date	<p>BEEES (Behaviour, Ecology, Environment and Evolution Seminar): Every week on Thursday 12:15-13:00</p> <p>SEBES (Seminar for Evolutionary Biology and Environmental Studies): Every week on Tuesday in autumn semester, 16:15-17:00</p> <p>E3B (the ecology, evolution, environment & behaviour) UZH/ETH joint seminar series: Every week on Tuesday in spring semester, 16:15-17:15</p>
Program	http://www.ieu.uzh.ch/seminars.html
Coordinator	Claudia Hegglin, Department of Evolutionary Biology and Environmental Studies, University of Zurich, Winterthurerstrasse 190, CH-8057 Zurich, claudia.hegglin@ieu.uzh.ch
Content	In the scientific research seminar, national and international researchers present their newest results. There are discussions on the presented topics afterwards.
Requirements to obtain the credit point	<p>Attending the seminars regularly during the three terms. One seminar summarized on one side of A4. The summary should include brief descriptions of:</p> <ul style="list-style-type: none"> - The background of the presenter's research and its relevance to your thesis or master's coursework - The aims of the research - The methods used - The key results - A discussion of most important conclusions and implications (especially in reference to your own thesis or master's coursework) - A few key supporting references for published aspects of the work and/or references in the Teaching material made by the speaker.
Assessment	Passed / not passed
ECTS Credits	1 ECTS Credit