Universität Zürich[UZH]

Department of Evolutionary Biology and Environmental Studies

COURSE PROGRAM 2018-2019

Address	Department of Evolutionary Biology and Environmental Studies, University of Zurich, Winterthurerstrasse 190, CH-8057 Zurich
Coordinator	Claudia Hegglin, office Y13-G-40, phone ++41 (0)44 635 47 41, claudia.hegglin@ieu.uzh.ch
Homepage	http://www.ieu.uzh.ch/en/teaching/envsci/master.html

PROGRAM OVERVIEW: Compulsory Modules (90 ECTS CREDITS)

Modules		ECTS
UWW 200	***Master thesis***	**60**
UWW 210	***Field course***	**2**
	UWW 211 Field course in biodiversity assessment and monitoring (2 ECTS)	
UWW 220	***Concepts on biodiversity***	**3**
	UWW 221 Species interactions and biodiversity (3 ECTS)	
UWW 230	***Resource management and conservation***	**2**
	UWW 231 Analysis and management of biological populations (2 ECTS)	
UWW 250	***Global change and spatial ecosystem ecology***	**4**
	UWW 251 Global change and ecosystem ecology (2 ECTS)	
	UWW 252 Spatial ecology and remote sensing (2 ECTS)	
UWW 260	***Research methods***	**2**
	UWW 262 Presentation and discussion of master projects (2 ECTS)	
UWW 270	***Quantitative analysis***	**7**
	UWW 271 Contemporary analysis for ecology (2 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**
	UWW 291 Classic papers in ecology and evolutionary biology (3 ECTS)	
	UWW 292 Research seminar: BEES, SEBES (1 ECTS)	

Schedule (September 17th until December 21st 2018)

Time	Monday	Tuesday	Wednesday	Thursday	Friday
8:00-8:45		UWW 271	Block courses	Block courses	Block courses
9:00-9:45		UWW 271			
10:15-11:00	UWW 221	UWW 273			
11:15-12:00	UWW 221	UWW 273			
12:15-13:00	Lunch	UWW 292	Lunch	Lunch	Lunch
13:00-13:45	UWW 251	Lunch			
14:00-14.45	UWW 251	Block courses			
15:00-15:45	UWW 291				
16:15-17:00	UWW 291			UWW 292	
17:15-18:00					
18:15-19:00					

Block Courses

Week	Date	Block course	Exam
1	**Sept 17-21**		
2	**Sept 24-28**		
3	**Oct 3-5**	BIO 377 (Wed, Thur, Frid)	
4	**Oct 10&12**	BIO 377 (Wed, Frid)	Oct 12
5	**Oct 17-19**	UWW 231 (Wed, Thur, Frid)	
6	**Oct 24&26**	UWW 231 (Wed, Frid)	Oct 26
7	**Oct 29-Nov 2**		
8	**Nov 6-9**	UWW 252 (Tue, Wed, Thur, Frid)	
9	**Nov 13-16**	UWW 252 (Tue, Wed, Thur, Frid)	presentation Nov 16
10	**Nov 19-23**		
11	**Nov 26-29**		report UWW252, Nov 26
12	**Dec 3-7**		
13	**Dec 12-14 mornings**	Master thesis presentations of master students from previous year	
14	**Dec 17-21**	**Exams:** Mo **UWW 221** 10:15-12:00; Tue **UWW 271** 8:00-9:45; Tue **UWW 273** 10:15-12:00; Wed&Thur **UWW 251** oral exam	
2019	**Jan 14-18**	UWW 262	report Feb 4 2019
2019	**Feb 11-15**	Repetition exams of HS18 modules	
2019	**1 week in August**	UWW 211	

Online course catalogue:

https://studentservices.uzh.ch/uzh/anonym/vvz/index.html

UWW 280	**Special topics**

Category: Variable

Note: Students choose additional courses, conferences, seminars, internships, etc. to supplement our mandatory masters courses (at least 4 ECTS Credits)

Coordinator: Claudia Hegglin, Department of Evolutionary Biology and Environmental Studies, University of Zurich, Winterthurerstrasse 190, CH-8057 Zurich, 044 635 47 41, claudia.hegglin@ieu.uzh.ch

Optional topics

Courses from other UZH programs or from ETH
Courses can be freely selected from the PhD Program in Ecology (http://www.ieu.uzh.ch/teaching/phd/graduate.html) or from other master/bachelor programs in Biology, Political Science, Geography, Psychology etc..The courses can be credited if they are a valuable addition to our own master courses. A broad range of courses you will find on the online course catalogue UZH and ETH:
http://www.vorlesungen.uzh.ch/
http://www.vvz.ethz.ch/Vorlesungsverzeichnis

Some recommendations:

UWW 124	Exploitation of renewable resources (3 ECTS)	Spring, Thur 8:00-9:45
UWW 151	Ecohealth (2 ECTS)	Fall, Thur, 15:00-17:00
UWW 172	Einführung Nachhaltigkeit	Fall, Mon 8:00-9:45
BIO 345	Wildlife Ecology and Conservation	Fall, Mon 16:15-18:00
BIO 338	Scientific writing (2 ECTS)	Fall or Spring
BIO 385	Marine Biology Course in Banyuls (F)	Block course, Aug 28-Sept 9
615803	International Environmental Politics I (6 ECTS)	Fall

Internship, four weeks (4 ECTS)
Students have the possibility to do an internship. As an interface between university life and practice, the placement offers an insight into the professional world. Trainee positions are found by the students and must be approved by the program coordination office.

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

UWW 292	Research seminars

Category	Department Seminars
Date	**BEEES** (Behaviour, Ecology, Environment and Evolution Seminar): Every week on Tuesday in spring and autumn semester, 12:15-13:00 **SEBES** (Seminar for Evolutionary Biology and Environmental Studies): Every week on Thursday in autumn semester, 16:15-17:00 **E3B** (the ecology, evolution, environment & behaviour) UZH/ETH joint seminar series: Every week on Thursday in spring semester, 15:00-16:00
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	Attending the seminars regularly during the three terms. One seminar summarized on one side of A4. The summary should include brief descriptions of: - The background of the presenter's research and its relevance to your thesis or masters 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 masters 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