

## Research Group Leaders

Arpat Özgül	Ecological dynamics
Barabara Tschirren	Evolutionary ecology
Bernhard Schmid	Biodiversity
Dennis Hansen	Conservation ecology
Gabriela Schaepman-Strub	Remote sensing
Jakob Pernthaler	Aquatic ecosystems
Owen Petchey	Extinctions
Kentaro Shimizu	Ecological genomics
Benedikt Schmidt	Conservation biology
Florian Schiestl	Plant-pollinator interactions

## External Organisations

Swiss agriculture, nutrition and environment research institute



Bat conservation, Switzerland



Swiss Federal Institute of Aquatic Science and Technology



Swiss amphibian and reptile conservation



Swiss Ornithological Institute



Swiss Federal Institute for Forest, Snow and Landscape research



## Application periods for Fall 2014:

If you need a **visa** to study in Switzerland:

**1<sup>st</sup> December to 28<sup>th</sup> February**

If you don't need a visa:

**1<sup>st</sup> December to 30<sup>th</sup> April**

## Eligibility

We welcome all students to apply for the Ecology Master. You are eligible if you fulfill the requirements of the University of Zurich:

- appropriate degree in Biology
- good level of English (IELTS 7, CAE, CPE)

For further information about application procedures and deadlines, please visit:

**[www.ecology.uzh.ch](http://www.ecology.uzh.ch)**

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Associate Professor

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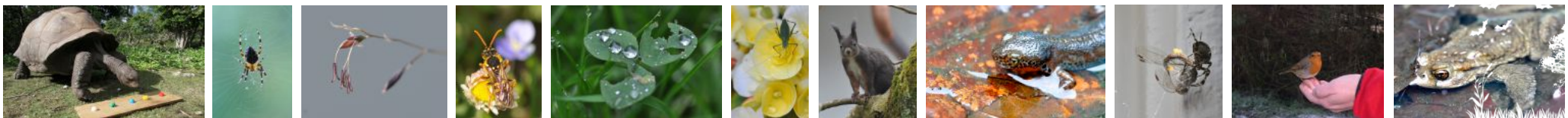
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**University of  
Zurich** UZH

# Ecology Specialization

## Master of Science UZH in Biology



## Program\*

	Module	Content	Credits
Semester 1	Ecology in Action 1&2	Fundamental ecological challenges, concepts and case studies	12
	Quantative Methods	How to manage, explore and communicate quantitative information	2
	Biodiversity Theory	Central questions in linking biodiversity and environmental research	2
	Research Methods	Methodological approaches that deal with variability, stochasticity and uncertainty	2
	Research Proposal	Development and presentation of the Master thesis	2
Semester 2 onwards	Seminar Series	Frontiers in Behaviour, Ecology, Evolution and Environmental Studies	1
	Master Thesis Project	In collaboration with a Research Group or an external organisation	60
Exam	Integrated Knowledge in Biology	Review of understanding and command of relevant biological facts, methods and concepts	10

\*program subject to change

## Ecology in Action

Ecology in Action is the core module of the Ecology Masters and involves learning about real world ecological challenges through an integrated combination of lectures, problem based learning, fieldwork, lab work, quantitative analyses and communication. Emphasis is placed on the use of fundamental ecological concepts and theories in problem solving.

