

Evolutionary Genetics

LV 25600-01 | Lecture with exercises | 4KP



University
of Basel

Department of
Environmental Sciences

Faculty of Science
Department of Environmental Sciences
Zoology / Evolutionary Biology

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Kurse am Zoologischen Institut / Courses at the Zoological Institute

Kurse
Herbstsemester
2022

Herbstsemester 2022

Master

Akademisches Semester: 01.08.

Contact/
Location

<https://gdc-docs.ethz.ch/UniBS/HS2022/site/>



		Zeit und Ort	Dozierende
		Montag, 08.15-10.00 Biozentrum, Maurice E. Müller Saal U1.111 wöchentlich	Patrick Tschopp
28394-01	Vorlesung mit Übungen: Evolution of host-parasite interactions 2 KP	Donnerstag, 08.15- 10.00 Vesalianum, Kleiner Hörsaal (O1.13) wöchentlich	Dieter Ebert
10565-01	+Vorlesung: Biologie der Vögel 2 KP	Dienstag, 18.15-20.00 Vesalianum, Kleiner Hörsaal (O1.13) wöchentlich	Valentin Amrhein, David Alexander Marques, Baptiste Schmid
25600-01	Vorlesung mit Übungen: Evolutionary Genetics 4 KP	wöchentlich Dienstag, 14.15-17.00 Vesalianum, Kleiner Hörsaal (O1.13) Donnerstag, 14.15- 17.00 Vesalianum, Kleiner Hörsaal (O1.13)	Julia Barth, Walter Salzburger, Jean-Claude Walser
17008-01	+Vorlesung: Advanced-level Evolutionary Biology 2 KP	Mittwoch, 14.15-16.00, Vesalianum, Kleiner Hörsaal (O1.13) wöchentlich	Lukas Schärer

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W39

Evolutionary Genetics - **Module #1: Bioinformatics** (25600-01)

W40

Jean-Claude Walser

W41

W42

Speciation - The making of biodiversity (41100-01)

W43

Daniel Berner

W44

W45

Evolutionary Genetics - **Module #2: Population Genetics** (25600-01)

W46

Jean-Claude Walser

W47

W48

Evolutionary Genetics - **Module #3: Molecular Evolution** (25600-01)

W49

Julia Barth and Walter Salzburger

W50

W51

Evolutionary Genetics - **Final Exam** (25600-01)

PS: Don't forget, there is a three-week break (W42-W44).

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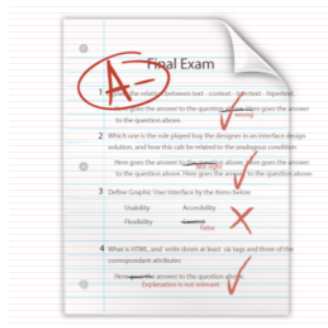


jean-claude.walser[]env.ethz.ch

Please use the following subject: **EvoGen: Question**

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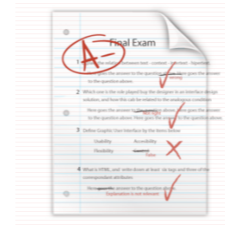
Final examination

To pass this course and get the credit points, participation on all modules is required and the final grading has to be 4 or higher. The final grading will be determined by assessments during the course (1/3) and a written exam at the end (2/3).

- Date: **Tuesday, 20.12.2022** (WK51)
- Time: **14:00 - 15:30**
- Location: **Vesalianum, Praktikumsraum (O1.20)**
- Style: **open book** (textbooks and scripts allowed), calculator required, not allowed are laptop and cell phones

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	term mark	exam mark	
Bioinformatics	$\frac{1}{3}$	$\frac{2}{3}$	> module mark
Population Genetics	$\frac{1}{3}$	$\frac{2}{3}$	> module mark
Molecular Evolution	$\frac{1}{3}$	$\frac{2}{3}$	> module mark


$$\frac{\sum \text{module marks}}{\text{number of modules}} = \text{final grad}$$

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To-Do List

- ▶ Make sure you are ready - "Requirements"
- ▶ What do you know and what do you expect? - "Skills"