Version 2026.08.19

Master in Environmental Biology - Autumn semester - Overview

	Block courses **Monday**	Weekly courses **Tuesday**	Block courses **Wednesday**	Weekly courses **Thursday**	Weekly/Block courses **Friday**
8h15 – 9h	**Introduction to UNIX and BASH** SBL.07110 Weeks 1 to 2 – whole day		**Introduction to UNIX and BASH** SBL.07110 Weeks 1 to 2 – whole day		**Introduction to UNIX and BASH** SBL.07110 Weeks 1 to 2 – afternoon
9h15 – 10h	**Introduction to R** SBL.30001 Weeks 5 to 6 – whole day	**Scientific writing** SBL.00410 (9h15 to 11h – weeks 1, 2, and 14) in alternance with **Critical reading** SBL.20005 (10h15 to 11h)	**Introduction to R** SBL.30001 Weeks 5 to 6 – whole day		**Introduction to R** SBL.30001 Weeks 5 to 6 – afternoon
10h15 – 11h				**Biostatistics I - generalized linear models and mixed effects models** SBL.20001 in alternance with **Biostatistics II - multivariate analysis** SBL.20002	**Principles of environmental ethics (advanced)** SSE.00433
11h15 – 12h		**Seminars in Biology** SBL.00431 & SBL.00432	**Organization and annotation of Eukaryote genomes** SBL.30004 Weeks 5 to 10 – whole day		
12h15 – 13h	**Bioinformatics (practical + in silico)** SBC.07107 Weeks 8 to 10 – whole day		**Bioinformatics (practical + in silico)** SBC.07107 Weeks 8 to 10 – whole day		**In vivo biochemistry: visualization of transport** SBL.20039 Weeks 1 to 4 – 10h15 to 13h
13h15 – 14h		**Methods in plant pathogen interactions** SBL.20003	**Introduction to metabolomics: data acquisition and processing** SBL.20004 Weeks 3-10 – 13:15 to 17:00	**Global change biology** SBL.20041 in alternance with **Invasion biology** SBL.20037	**Basics in biostatistics** SBL.00504 Weeks 1 to 10
14h15 – 15h					
15h15 – 16h				**Research Seminars in Environmental Biology** SBL.20081 & SBL.20082	
16h15 – 17h	**Light and fluorescence microscopy for Life Sciences** SBL.00125 Weeks 11 to 12 – whole day		**Light and fluorescence microscopy for Life Sciences** SBL.00125 Weeks 11 to 12 – whole day		**Light and fluorescence microscopy for Life Sciences** SBL.00125 Week 11 – whole day
17h15 – 18h				**Introduction to mass spectrometry and proteomics** SBL.00451 Week 13 – afternoon	**Introduction to mass spectrometry and proteomics** SBL.00451 Week 13 – afternoon

Legend:

Obligatory courses for at least one options are in **roman**

Recommended courses are in ***italic***

Colour:
Research skills
Scientific core courses
Thesis related activities

In case of discrepancy with the official TimeTable, the latter is authoritative

Topical courses are not included (usually on Thursday and Friday afternoon). See the corresponding Moodle page

Recommended topical courses:
Signalling and Transport
SBL.00411

HPC and cloud computing (recommended course)
Weeks 3 to 4
UniBe