

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	<i>Introduction to UNIX and BASH</i> SBL.07110 Weeks 1 to 2 – whole day		<i>Introduction to UNIX and BASH</i> SBL.07110 Weeks 1 to 2 – whole day		<i>Introduction to UNIX and BASH</i> SBL.07110 Weeks 1 to 2 – afternoon
9h15 – 10h	<i>Introduction to R</i> SBL.30001 Weeks 5 to 6 – whole day	Scientific writing SBL.00410 (9h15 to 11h – weeks 1, 2, and 14) <i>in alternance with</i> Critical reading SBL.20005 (10h15 to 11h)	<i>Introduction to R</i> SBL.30001 Weeks 5 to 6 – whole day		<i>Introduction to R</i> SBL.30001 Weeks 5 to 6 – afternoon
10h15 – 11h				Biostatistics I - generalized linear models and mixed effects models SBL.20001 <i>in alternance with</i> Biostatistics II - multivariate analysis SBL.20002	Principles of environmental ethics (advanced) SSE.00433
11h15 – 12h		Seminars in Biology SBL.00431 & SBL.00432	<i>Organization and annotation of Eukaryote genomes</i> SBL.30004 Weeks 5 to 10 – whole day		
12h15 – 13h	<i>Bioinformatics (practical + in silico)</i> SBC.07107 Weeks 8 to 10 – whole day		<i>Bioinformatics (practical + in silico)</i> SBC.07107 Weeks 8 to 10 – whole day		<i>In vivo biochemistry: visualization of transport</i> SBL.20039 Weeks 1 to 4 – 10h15 to 13h
13h15 – 14h		Methods in plant pathogen interactions SBL.20003		Global change biology SBL.20041 <i>in alternance with</i> 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