

Activity program

2025



MORE INFO AND REGISTRATION



Plant Imaging: Advanced Light Microscopy



This course will include lectures on basic and advanced fluorescence microscopy, sample preparation, and image analysis. In parallel, hands-on sessions will be held on fluorescence microscopy and on image analysis.

30 & 31 January, UniGE, credits: 1.0

Discovering skill sets and the diversity of careers for PhDs in the biological sciences



This workshop objective is to help PhD candidates discover their skill sets and the diversity of careers after a PhD in the biological sciences. Alumni will be invited to a round-table discussion.

2 April, UniNE, credits: 0.5

Getting Things Done: Time Management and Productivity for Scientists



In this workshop, participants will learn to cultivate their focus, gain more control over their day, find balance, and increase their productivity. This workshop blends practical insights and tools with a powerful reflection on individual habits, beliefs, and processes.

24 September, UniNE, credits: 0.5

Becoming a Teacher: An Introduction to University Teaching for PhD Students



This workshop offers an introduction to University teaching. The aim is to discuss what good teaching is, why it matters, and how to create an inclusive and welcoming learning environment for students.

14 & 21 January or 19 & 26 June, UniNE, credits: 1.5

Data visualization with R



This course will introduce different ways of representing data, how to design efficient graphs, which tools to use (and to avoid!). This course will include practicals on how to create graphics in R (including base R and ggplot2).

14 & 15 May UNIL, credits: 1.0

Introduction to Machine Learning tools for Analyses in Life Sciences



This workshop is an introduction to the world of machine learning tailored for biologists. During hands-on lab sessions, participants will have the opportunity to directly apply the acquired concepts through practical exercises.

20 & 21 October, UniNE, credits: 1.0

Service Learning: Microbes go to School



Service learning is a teaching and learning strategy that links community service and instruction. In this activity participants will have the opportunity to learn how to popularize science by creating fun activities for kids, based on a theme related to microbial biodiversity.

February-May, UniNE & local schools, credits: 3.0

Tell me about your Science!



This event represents a great opportunity for participants to showcase their research to a broad audience and engage the public with interactive, fun experiences related to their field.

18 May, Natural History Museum Neuchâtel, credits: 1.0

Advanced programming with R



This activity will cover various topics of advanced programming in R, such as: objects and data structures, data manipulation: concatenation, sorting, data subsetting, functions; KnitR/markdown, complex functions; debugging (use R in debug mode), enhancing and adapting own and foreign (from packages) code.

17 & 18 November, UNIL, credits: 2.0

First steps with Python in Life Sciences



In this course, participants will learn the basic concepts and data structures necessary to solve routine data manipulation tasks. The course will cover the concepts, terminology, and approach to documentation required to further develop skills in Python programming independently.

11-13 March, UNIL, credits: 2.0

Image Treatment and Analysis in Microscopy



The objective of this course is to give participants keys to perform measurements and quantification in microscopy as efficiently as possible, focusing on the use of the open-source software Fiji.

26 May, UniNE, credits: 0.5

DSLS Annual PhD meeting “Public and Media communication”



The objective of this meeting is for PhD students to get to know each other and learn about the wide variety of research projects being carried out at our institute. The focus of this year's meeting will be "Public and Media communication".

19 & 20 June, Natural History Museum, Neuchâtel

An Introduction to R



R has become an undisputed reference for statistical and graphical data analyses. This course will integrate some topics in statistics and presents some programming related features of R.

23, 24, 30 June & 1 July, UniGE, credits: 2.0

DSLS Game Nights & Apéro



This monthly event is a great opportunity for PhD students to meet, get to know each other, and have fun outside of the lab.

First Thursday of the month, Cafétéria UniMail

DSLS Urban Writing Retreat



The objective of this monthly urban writing retreat is to provide room, space and support for participants to set aside personal and professional distractions in order to make meaningful progress in their writing projects.

One Wednesday a month, le Hub, Neuchâtel

LEGEND



TRANSFERABLE SKILLS



RESEARCH TOOLS



SCIENTIFIC ACTIVITIES



MONTHLY ACTIVITIES