BIO-670(2)

Lectures in Life Sciences 2

Various lecturers

Cursus	Sem.	Type
Molecular Life Sciences		Obl.

Language of teaching	English
Credits	1
Session	
Exam	Term paper
Workload	30h
Hours	**28**
Lecture	14
Exercises	14
Number of positions	

Frequency

Every year

Remark

All year long

Summary

To expose PhD students to cutting-edge research in the life sciences through attendance of plenary-style lecture series given by external world experts. The objectives are to broaden the knowledge of students and expose them to the diversity of life science studies.

Content

This cross-disciplinary course will increase our students' comprehension in a broad range of fields of research and reinforce interactions within the EPFL life science school.
The course comprises a series of lectures in various fields of life science by internationally renowned scientists (mainly from abroad). Students will read one review about the topic that is covered by each lecturer to be prepared.
Lectures will include an overview of the field and will be given in a way to be understandable to students despite the diversity of covered topics. These lectures include a general discussion between speakers and audience followed by a more informal meeting time to permit direct contacts and informal discussions with the invited speakers.
This format will highlight the diversity of model organisms (from bacteria to human), technical approaches, layers of integrations (from single molecules to human behavior) that characterize the current trends in science. Examination procedure consists of a written report on 1-2 recent papers related to one of the lectures.

Keywords

Molecular and cellular biology, neuroscience, system biolog.

Resources

Websites

- http://sv.epfl.ch/op/edit/life-science-seminar