



Module	Computational Life Sciences Seminar
Code	MSLS_V5_8
Degree Programme	Master of Science in Life Sciences (MSLS)
ECTS Credits	3
Workload	90 h (2 lessons per week - 30h contact, 60h self-study)
Module Coordinator	<p>Name Dr. Victor Garcia</p> <p>Phone +41 (0) 58 934 55 46</p> <p>Email gara@zhaw.ch</p> <p>Address ZHAW Zürcher Hochschule für Angewandte Wissenschaften Life Sciences and Facility Management Schloss 1 CH-8820 Wädenswil</p>
Lecturers	Various lecturers
Entry Requirements	There are no formal requirements, however, we encourage students to participate after completion of the second semester of their master studies.
Learning Outcomes and Competences	<p>After completing the module, students will be able to:</p> <ul style="list-style-type: none"> • Read and understand scientific texts in the field • Critically reflect on a text and put it on a broader context • Summarise and present a text • Initiate a discussion based on original thoughts and questions • Protocol/summarise such discussions
Module Content	We will treat important/classical papers that are --in a broad sense-- relevant for the field of computational life science.
Teaching / Learning Methods	<ul style="list-style-type: none"> • Self study texts • Weekly seminar with presentations by students and discussions in plenum and in groups • Protocolling of discussions and report writing <p>Specifically, each student will select a paper, read it carefully, and give a presentation in the seminar. Subsequently, (s)he will initiate a discussion in class and summarise the findings in a report or protocol.</p> <p>Further, prior to each presentation, all students are required to read the corresponding paper, and contribute in advance one discussion question per email.</p>
Assessment of Learning Outcome	<p>Attendance is highly recommended.</p> <ul style="list-style-type: none"> • a presentation in the seminar (~30min) with initiation of a discussion in class 70% • a report reflecting on the discussion 30%
Bibliography	Selected original papers

Language	English
Comments	
Last Update	18.04.2023