



Master in Life Sciences

A cooperation between
BFH, FHNW, HES-SO, ZFH

| | |
|--|---|
| Module | Specialisation track module 2 in accordance with Master's Thesis topic |
| Code | MSLS_V5_7 |
| Degree Program | Master of Science in Life Sciences (MSLS) |
| ECTS Credits | 5 |
| Workload | 150h |
| Module Coordinator | <p>Name Dr. Manuel Gil</p> <p>Phone +41 (0)58 934 57 44</p> <p>Email manuel.gil@zhaw.ch</p> <p>Address ZHAW Zurich University of Applied Sciences Life Sciences and Facility Management Schloss 1 8820 Wädenswil</p> |
| Lecturers | Master's thesis supervisor and members of the respective research group |
| Entry Requirements | Specialisation track module 1 in accordance with Master's Thesis topic |
| Learning Outcomes and Competences | <p>The students possess the relevant skills and in-depth knowledge in the area of their master's thesis topic and are prepared to carry out the thesis. In particular, they are able to</p> <ul style="list-style-type: none"> • review the area of the thesis topic in written and oral form, • explain key elements (models, processes, hypotheses, methods, etc.) • formulate open questions in the topic area, • outline a project plan for the thesis, and • apply topic-specific methods. |
| Module Content | <p>Under the guidance of the Master's thesis supervisors the students become acquainted with the topic area of their thesis project. The students</p> <ul style="list-style-type: none"> • carry out a comprehensive literature search on the area, thereby becoming aware of the community, the paradigms, the trends, the state-of-the-art knowledge/methods, and the research questions • identify the gaps in their knowledge • design learning goals and a study plan to fill the gaps • execute the study plan using appropriate learning methods. <p>By means of regular discussions, presentations, or reports the students monitor and demonstrate their progress.</p> |

| | |
|---------------------------------------|---|
| Teaching / Learning Methods | <p>The module is carried out as an individualised tutorial with weekly meetings. The learning methods are chosen in accordance with the learning goals and may include, but are not limited to</p> <ul style="list-style-type: none"> • Guided self-study • Independent self-study • Reviewing of a topic or field, and presentation in a talk • Exercises • Project work • Discussions with the tutor, with members in the research group, and with project partners • Attendance of talks, seminars, research group meetings |
| Assessment of Learning Outcome | <p>Default: oral exam Changes via form («Einverständniserklärung») The tutor defines the learning goals, the deliverables and the method of assessment for grading.</p> |
| Bibliography | <p>The tutor provides an appropriate bibliography and materials, which may be augmented by the student.</p> |
| Language | <p>English</p> |
| Comments | |
| Last Update | <p>15.02.2022</p> |