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| <b>Module</b>                            | <b>Preliminary Project</b>  |
| <b>Code</b>                              | MLS-X02   |
| <b>Degree Program</b>                    | Master of Science in Life Sciences (MSLS)   |
| <b>Cluster</b>                           | Industrial Life Sciences  |
| <b>Specialization</b>                    | Chemical Development and Production<br>Applied Biosciences<br>Viticulture and Enology   |
| <b>ECTS Credits</b>                      | 6   |
| <b>Workload</b>                          | 180 h of individual work  |
| <b>Module Coordinator</b>                | <b>Name</b> Dr Urban Frey<br><b>Phone</b> + 41 58 900 01 10<br><b>Email</b> urban.frey@hes-so.ch<br><b>Address</b> HES-SO Master, Avenue de Provence 6, 1007 Lausanne   |
| <b>Lecturers</b>                         | Individual advisor  |
| <b>Entry Requirements</b>                | <p>Full time students must have acquired, in principle, 24 credits to start this module. Part time students must have acquired, in principle, 39 ECTS.</p> <p>If a student is registered to more than 34 credits while taking module X02, the duration of the module will be extended accordingly. The duration and planned date for the defense are given in the individual project description.</p>   |
| <b>Learning Outcomes and Competences</b> | <p>The students will be able to:</p> <ul style="list-style-type: none"> <li>• acquire individually relevant theoretical and practical knowledge relevant to the objectives of the Master Thesis</li> <li>• identify and obtain the appropriate resources (time, information, equipment, substances, and finally support from his or her advisor)</li> <li>• document and communicate (orally and in written form) the work progress, particularly the scientific and technical results of preliminary experiments.</li> </ul> |
| <b>Module Content</b>                    | In accordance with the MLS HES-SO Master's Thesis Guide, the subject is described in detail in the individual Master Thesis Project Description.  |
| <b>Teaching / Learning Methods</b>       | Independent self-study and laboratory work with guidance by the student's principal advisor and additional key resource persons / experts.  |
| <b>Assessment of Learning Outcome</b>    | <p>Report and oral presentation of the work (E/D/F, slides in English; 15 min. presentation &amp; 15 min. discussion). Grading of the work: Report (25%), Scientific Approach (25%), Practical Work (25%), and Presentation (25%).</p> <p>Remediation: A short report (max. 10 pages), including the corrections and amendments suggested by the jury. The time allowed for the revision of the report is 4 weeks maximum.</p>  |
| <b>Bibliography</b>                      | Documentation: "Master Thesis – Guide for Students and Advisors"  |
| <b>Language</b>                          | English   |

## MLS\_X02 – Preliminary Project

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| <b>Comments</b>    | This module is a part of the “Master Thesis Project” group. It precedes the module MLS-X03. |
| <b>Last Update</b> | 18.06.2025 / COPIL MLS  |