



Module	Master Thesis
Code	MLS-X03
Degree Program	Master of Science in Life Sciences (MSLS)
Specialization	Chemical Development and Production Applied Biosciences Viticulture and Enology
ECTS Credits	30
Workload	900 h of individual work
Module Coordinator	Name Dr Urban Frey Phone + 41 58 900 00 00 Email Urban.frey@hes-so.ch Address HES-SO Master, Avenue de Provence 6, 1007 Lausanne
Lecturers	Individual advisor
Entry Requirements	Module MLS-X02 Students must have acquired 54 credits and completed all corequisites to start this module. If a student has to get 4 credits or more while taking module X03, the duration of the module will be extended accordingly. The duration, deadline for the submission of the report and planned date for the defense are given in the individual project description. Students must have acquired 60 credits before they defend their master thesis.
Learning Outcomes and Competences	The students will be able to independently define, plan, execute, document and defend a research project.
Module Content	In accordance with the MLS HES-SO Master's Thesis Guide, the subject is described in detail in the individual Master Thesis Project Description.
Teaching / Learning Methods	Independent self-study and laboratory work with guidance by the student's principal advisor and additional key resource persons / experts.

Assessment of Learning Outcome	<p>Report (HES-SO template, E/D/F). Max 50 pages (without annexes). Longer reports are not accepted without specific authorization from the advisor. If a paper is submitted to a peer-reviewed journal as part of the Master thesis, it can be submitted instead of the report. In this case, the report consists of the title page and the declaration of authenticity (pages 1 and 2 of the template) followed by the paper.</p> <p>Defense (E/D/F, slides in English; 20 min. presentation & 30 min. discussion). Grading of the work: Scientific Approach (25%), Practical Work (25%), Report (25%), and Defense (25%). The module is validated if the grade of the module, rounded to the nearest half point, is greater than or equal to 4.0, and if the grade of all four parts of the module (scientific approach, practical work, report and defense), rounded to the nearest tenth of a point, is greater than or equal to 3.0.</p> <p>Poster presentation: an exhibition of the posters takes place each year in February or March. Students are invited to present their poster on this occasion.</p> <p>The report with annexes and a poster have to be submitted at the date defined in the project description. If submitted late, the report will be graded 1.0.</p> <p>Remediation: After the defense, if the report and/or the defense are considered as not sufficient, but the scientific approach and the practical work are satisfactory, the jury can propose a revision of the report and a second defense. The time allowed for the revision of the report is 4 weeks maximum.</p> <p>Repetition: in the case the module is failed, the student is allowed to a second try, if they have not exceeded the maximal programme duration given by the MLS regulation. They must change the subject matter and may not be supervised for the repetition by the same advisor.</p>
Bibliography	Documentation: “Master Thesis – Guide for Students and Advisors”
Language	English
Comments	<p>This module is a part of the “Master Thesis Project” group.</p> <p>All reports will be checked for plagiarism.</p> <p>The poster has to be written in English and can be published for example on the website of the MLS. Therefore, it should not include any confidential information.</p>
Last Update	10.03.2026 / COPIL MLS