



Module	Master Thesis
Code	MLS-X03
Degree Program	Master of Science in Life Sciences (MSLS)
Cluster	Industrial Life Sciences
Specialization	Chemical Development and Production Applied Biosciences Natural Resource Management Viticulture and Enology
ECTS Credits	30
Workload	900 h of individual work
Module Coordinator	Name Dr. Roger Marti Phone +41 (0)26 429 67 03 Email roger.marti@hes-so.ch Address Haute école d'ingénierie et d'architecture Fribourg Bd de Pérolles 80, Case postale 32, CH-1705 Fribourg
Lecturers	Individual advisor
Entry Requirements	Module MLS-X02
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	Report (HES-SO template, E/D/F) and 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%). Remediation: After the defense, in the case the report is considered as not sufficient but the practical work is 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.
Bibliography	Documentation: "Master Thesis – Guide for Students and Advisors – 2017"
Language	English
Comments	This module is a part of the "Master Thesis Project" group. All reports will be checked for plagiarism by URKUND. For publication, the students have to provide a one-page summary (NRM;

	VE) or poster (AB, CDP) in English.
Last Update	21.01.2011 / Jean-Nicolas Aebischer 02.09.2015 / Layout / Christine Aebischer 02.10.2014 / Didier Pellaux 02.09.2015 / Didier Pellaux 20.09.2016 / Roger Marti 03.08.2017 / Roger Marti