



<b>Module</b>	<b>Literature Review and Research Proposal</b>
<b>Code</b>	MLS-X01
<b>Degree Program</b>	Master of Science in Life Sciences (MSLS)
<b>Cluster</b>	Industrial Life Sciences
<b>Specialization</b>	Chemical Development and Production Applied Biosciences Natural Resource Management Viticulture and Enology
<b>ECTS Credits</b>	4
<b>Workload</b>	120 h of individual work
<b>Module Coordinator</b>	<b>Name</b> Dr. Roger Marti <b>Phone</b> +41 (0)26 429 67 03 <b>Email</b> <a href="mailto:roger.marti@hes-so.ch">roger.marti@hes-so.ch</a> <b>Address</b> Haute école d'ingénierie et d'architecture Fribourg, Bd de Pérolles 80, Case postale 32, CH-1705 Fribourg
<b>Lecturers</b>	Individual advisors
<b>Entry Requirements</b>	Admission to the Master's degree program in Life Science at the HES-SO.
<b>Learning Outcomes and Competences</b>	The students will be able to: <ul style="list-style-type: none"> <li>• know and use modern instruments of literature research</li> <li>• understand and select information relevant for the subject of his/her Master Thesis</li> <li>• present this information in a synthetic way</li> <li>• identify his or her potential contribution during the Master Thesis and define a precise objective</li> <li>• plan the preliminary work and identify the missing personal competences regarding the Master Thesis objective.</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 with guidance by the student's principal advisor and additional key resource persons / experts.
<b>Assessment of Learning Outcome</b>	Report (max. 10 pages, E/D/F) and discussion/colloquy with advisor and project relevant persons. Grading of work: Scientific Approach (25%), Report (50%), and Discussion/Colloquy (25%). Remediation: A revised report (max. 10 pages) having implemented the corrections and amendments suggested by the jury.
<b>Bibliography</b>	Documentation: "Master Thesis – Guide for Students and Advisors – 2017"
<b>Language</b>	English
<b>Comments</b>	This module is a part of the "Master Thesis Project" group. It precedes the

	module MLS-X02. Confidentiality agreements between project partners have to be in place at the beginning of the project by using the official HES-SO template.
<b>Last Update</b>	14.01.2011 / Fabian Fischer 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