

Module	Winery Design
Code	MSLS_S14
Degree Program	Master of Science in Life Sciences (MSLS)
Cluster	Food
Specialization	Viticulture and Enology
ECTS Credits	4
Workload	Spring term 120 h: Contact & Field work 75 lessons = 56 h; Self-study 64 h
Module Coordinator	<p>Name Liming Zeng</p> <p>Phone +41 22 363 40 35</p> <p>Email liming.zeng@changins.ch</p> <p>Address CHANGINS, Viticulture and Enology Route de Duillier 50, Case postale 1148, CH-1260 Nyon 1</p>
Lecturers	<ul style="list-style-type: none"> • Claire Furet-Gavallet, CHANGINS • Stefano Zerbi, SUPSI • Guest lecturers
Entry Requirements	Equivalent of a Bachelor of Science in Viticulture and Enology
Learning Outcomes and Competences	<p>After completing the module students will be able to:</p> <ul style="list-style-type: none"> • Design and manage a winery building project
Module Content	<ul style="list-style-type: none"> • Characterize the different steps and phases in a winery design project • Manage a winery building project: the role of the different stakeholders (winemaker, architects, engineering consultants, equipment retailers and other companies involved) • Prioritize the specifications of the building by writing dedicated requirements • Propose and justify processes flows organization according to the winemaking itineraries • Choose the appropriate winemaking equipment according to the production volume and the winemaker's wishes (efficiency and quality) • Integrate ecoconception in each step of the project • Present detailed examples of winery design • Work on a real winery building project in Switzerland
Teaching / Learning Methods	Lectures, winery visits, group work
Assessment of Learning Outcome	<p>Final examination (written): 50% of the final grade</p> <p>Practical work, reports / presentations: 50% of the final grade</p> <p>Remediation: written exam (100%)</p>
Bibliography	On Cyberlearn
Language	English

Comments	Field trip (class project): presence compulsory. Students with unjustified absence from the field trip will receive a grade of 1.0 for the part “Practical work, reports/presentations.”
Last Update	08.05.2025 – Liming Zeng