

Study plan Master's Viticulture and Enology - Career-integrated studies

1st Semester	Module no.	Modules Courses	Compulsory/Elective	CP	Workload in h	SWS	Exam type *	Examination or Coursework	Weighting for overall grade
	110	Professional Integration and Transformation 1 *** (Praxisphase)		10	250	1	AP / EP	SL	0/116
		Process Engineering	Compulsory elective 1 out of 4			1			
		Regulatory Affairs Management				1			
		Precision / Sustainable Viticulture				1			
		R&D in Grape and Wine Production				1			
	120	Wine Culture and Leadership Skills		5	125	5	P	SL	0/116
		Cultural Context of Wine - Germany, France and Beyond **	Compulsory			2			
		Leadership and Intercultural Competences	Compulsory			2			
		European Wine Law and Protection of Intellectual Property	Compulsory			1			
130	Data Analysis and Methodology		5	125	4	A	PL	5/116	
	Advanced Statistical Modeling	Compulsory			2				
	International Scientific Communication	Compulsory			1				
	Applied Wine Research - Journal Club	Compulsory			1				
140	Future Technologies in Enology		5	125	5	CS	PL	5/116	
	Innovations in Enology	Compulsory			2				
	Process Engineering and Automation Technology	Compulsory			2				
	Quality Management	Compulsory			1				
150	Customer-centric Product Development		5	125	5	CS, CS / CS, WB	PL	5/116	
	Consumer Research and Behavior	Compulsory			2				
	Sustainable Product Development	Compulsory			1				
	Special Methods of Sensory Case Studies	Compulsory			2				
	Total			30	750	20			

2nd Semester	Module no.	Modules Courses	Compulsory/Elective	CP	Workload in h	SWS	Exam type *	Examination or Coursework	Weighting for overall grade
	210	Professional Integration and Transformation 2 *** (Praxisphase)		10	250	1	AP / EP	SL	0/116
		Process Engineering	Compulsory elective 1 out of 4			1			
		Regulatory Affairs Management				1			
		Precision / Sustainable Viticulture				1			
		R&D in Grape and Wine Production				1			
	220	Ecology, Sustainability and Management in Viticulture		5	125	3	CS / A / P	PL	5/116
		Ecology and Biodiversity in the vineyard	Compulsory			1			
		Agricultural Meteorology and Precision Viticulture	Compulsory			1			
		Viticultural Management and Technology	Compulsory			1			
230	Innovation in Biotechnology and Chemistry		5	125	4	P	PL	5/116	
	Chemistry and Biotechnology of Wine Making	Compulsory			2				
	Advanced Techniques in Instrumental Wine Analysis **	Compulsory elective 1 out of 2			2				
	Advanced Molecular Microbiological Analysis **				2				
240	Management and Entrepreneurship in Wine		5	125	3	A / CS	PL	5/116	
	Sustainable Entrepreneurship and Wine Economics	Compulsory			2				
	Wine Marketing	Compulsory			1				
250	Climate Change and Viticulture: Influences and Adaptation Strategies		5	125	3	CS / A / P	PL	5/116	
	Impacts of Climate Change on Viticulture	Compulsory			1				
	Adaptation Strategies to Climate Change	Compulsory			2				
	Total			30	750	14			

3rd Semester	Module no.	Modules Courses	Compulsory/Elective	CP	Workload in h	SWS	Exam type *	Examination or Coursework	Weighting for overall grade
	310	Professional Integration and Transformation 3 *** (Praxisphase) ****		9	225	1	AP / EP / P	SL	0/116
	320	Project ChemWine**** (Study abroad)		9	225	15	WB	PL	9/116
	330	Project VitiSmart 1**** (Study abroad)		3	75	6	WB	PL	3/116
	410	Master Thesis		9	225	1	RP	PL	18/116
		Thesis Proposal		9		1			
Total				30	750	23			

4th Semester	Module no.	Modules Courses	Compulsory/Elective	CP	Workload in h	SWS	Exam type *	Examination or Coursework	Weighting for overall grade
	410	Master Thesis		21	525	2	T,D	PL	42/116
		Thesis		16		1			
		Thesis Defense		5		1			
	420	Project GreeneVine**** (Study abroad)		6	150	11	WB	PL	6/116
	430	Project VitiSmart 2**** (Study abroad)		3	75	2	WB	PL	3/116
Total				30	750	15			

Total degree program				120	3000	72			116/116
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CP = Credit points within the framework of the European Credit Transfer System (ECTS)

PL = Examination = graded examination that is included in the overall grade calculation

SL = Course Work = graded or ungraded examination; the grade is not included in the overall grade calculation.

SWS = Semester hours per week

* The slash "/" between the examination types means "or".

In exceptional cases, combinations of examination types are possible; these are indicated by a ","

** Compulsory attendance according to §6 paragraph 6

*** Company practice phase

**** subject to French examination regulations of the UHA (study abroad)

Exam types:

A = Assignments

AP = Practice-integrating Assignments

CS = Case Study

D = Defence

EP = Portfolio

P = Presentation

RP = Research Proposal

T = Thesis

WB = Scientific Report

Note: The contact time in France cannot be converted directly into SWS. These figures therefore serve as a guide