

| Module no. | Modules Courses | Required/Elective | CP | Workload in hours | SWS | Exam type* | Examination or Coursework | Weighting for overall grade |
|--------------|---|-------------------|-----------|-------------------|-----------|-----------------------|---------------------------|-----------------------------|
| 120 | Wine Culture and Leadership Skills | | 5 | 125 | 5 | PRE | SL | 0/125 |
| | Cultural Context of Wine - Germany, France and Beyond** | Required | | | 2 | | | |
| | Leadership and Intercultural Competences | Required | | | 2 | | | |
| 130 | Data Analysis and Methodology | | 5 | 125 | 4 | A | PL | 5/125 |
| | Advanced Statistical Modeling | Required | | | 2 | | | |
| | International Scientific Communication | Required | | | 1 | | | |
| 140 | Future Technologies in Enology | | 5 | 125 | 5 | CS | PL | 5/125 |
| | Innovations in Enology | Required | | | 2 | | | |
| | Process Engineering and Automation Technology | Required | | | 2 | | | |
| 150 | Customer-centric Product Development | | 5 | 125 | 5 | CS,CS / CS,WB / WB,WB | PL | 5/125 |
| | Consumer Research and Behavior | Required | | | 2 | | | |
| | Sustainable Product Development | Required | | | 1 | | | |
| 160 | Core Competences Biology and Ecology of the Vine (practice-based module) | | 5 | 125 | 4 | PRE / K | SL | 0/125 |
| | Grapevine Physiology, Biochemistry and Genetics | Required | | | 2 | | | |
| | Vine Ecology: Climate, Soil, Biotic and Abiotic Stress | Required | | | 2 | | | |
| 170 | Core Competences Enology (practice-based module) | | 5 | 125 | 4 | PRE / K | SL | 0/125 |
| | Sensory Analysis, Wine Chemistry and Analytics | Required | | | 2 | | | |
| | Applied Enology | Required | | | 2 | | | |
| Total | | | 30 | 750 | 27 | | | |

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| 220 | Ecology, Sustainability and Management in Viticulture | | 5 | 125 | 3 | CS / A / PRE | PL | 5/125 |
| | Ecology and Biodiversity in the vineyard | Required | | | 1 | | | |
| | Agricultural Meteorology and Precision Viticulture | Required | | | 1 | | | |
| 230 | Innovation in Biotechnology and Chemistry | | 5 | 125 | 4 | PRÄ | PL | 5/125 |
| | Chemistry and Biotechnology of Wine Making | Required | | | 2 | | | |
| | Advanced Techniques in Instrumental Wine Analysis** | Elective 1 of 2 | | | 2 | | | |
| 240 | Management and Entrepreneurship in Wine | | 5 | 125 | 3 | A / CS | PL | 5/125 |
| | Sustainable Entrepreneurship and Wine Economics | Required | | | 2 | | | |
| | Wine Marketing | Required | | | 1 | | | |
| 250 | Climate change and Viticulture: Influences and Adaptation Strategies | | 5 | 125 | 3 | CS / A / PRE | PL | 5/125 |
| | Impacts of Climate Change on Viticulture | Required | | | 1 | | | |
| | Adaptation Strategies to Climate Change | Required | | | 2 | | | |
| 260 | Core Competences Viticulture (practice-based module) | | 5 | 125 | 4 | PRE / K | SL | 0/125 |
| | Smart & Sustainable Viticulture and Meteorology | Required | | | 2 | | | |
| | Viticultural Practices | Required | | | 2 | | | |
| 270 | Science in Practice: Management and Language Skills | | 5 | 125 | 4 | PRE | SL | 0/125 |
| | Experimental Design and Project Management | Required | | | 2 | | | |
| | Wine Specific English | Required | | | 2 | | | |
| Total | | | 30 | 750 | 21 | | | |

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| 350 | Lab Rotation 1 (practice-based module) | | 15 | 375 | 1 | WB | PL | 15/125 |
| | Plant Breeding | Elective 1 of 5 | | | 1 | | | |
| | Mitigation Strategies for Climate Change | | | | 1 | | | |
| | Health Related Topics | | | | 1 | | | |
| | Analytical Methodologies | | | | 1 | | | |
| | Consumer Research | | | | 1 | | | |
| 360 | Lab Rotation 2 (practice-based module) | | 15 | 375 | 1 | WB | PL | 15/125 |
| | Plant Breeding | Elective 1 of 5 | | | 1 | | | |
| | Mitigation Strategies for Climate Change | | | | 1 | | | |
| | Health Related Topics | | | | 1 | | | |
| | Analytical Methodologies | | | | 1 | | | |
| | Consumer Research | | | | 1 | | | |
| Total | | | 30 | 750 | 2 | | | |

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|--------------|----------------------|-------------------|-----------|-------------------|----------|------------|---------------------------|-----------------------------|
| 410 | Master Thesis | | 30 | 750 | 3 | RP, T, D | PL | 60/125 |
| | Thesis Proposal | Pflicht | 9 | | 1 | | | |
| | Thesis | Pflicht | 16 | | 1 | | | |
| | Thesis Defense | Pflicht | 5 | | 1 | | | |
| Total | | | 30 | 750 | 3 | | | |

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|----------------------------------|--|--|------------|-------------|-----------|--|--|----------------|
| Total full degree program | | | 120 | 3000 | 53 | | | 125/125 |
|----------------------------------|--|--|------------|-------------|-----------|--|--|----------------|

ECTS = 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

Exam types:
 A = Assignment
 CS = Case study
 D = Defense
 K = Written exam
 PRE = Presentation
 RP = Research proposal
 T = Thesis
 WB = Scientific report