

Quadro degli insegnamenti e delle altre attività formative programmate per l'intero percorso di studi della coorte di riferimento

Corso di laurea magistrale interateneo in VITICOLTURA, ENOLOGIA E MERCATI VITIVINICOLI

Curriculum unico

Tipologie attività formative		Ambiti disciplinari		Attività formative				SEDE	Anno			
Denominazione	Tip.	N.	Denominazione	Insegnamento	Modulo	SSD (1) afferenza insegnamento	CFU					
caratterizzanti	b	1	Discipline della produzione	Progettazione e Sviluppo in Enologia		AGR/15	8		1			
				Fisiologia della Vite I	Fisiologia dello Sviluppo	AGR/03	5		1			
				Totale ambito			13					
		3	Discipline del miglioramento genetico	Fisiologia della Vite I	Analisi Genomica			AGR/07	5		1	
						Totale ambito			5			
		4	Discipline della difesa	Gestione delle Avversità della Vite a Livello Territoriale	Controllo dei Patogeni			AGR/12	5		1	
						Controllo dei Fitofagi			AGR/11	5		1
							Totale ambito			10		
		5	Discipline economico gestionali	Economia e Politica Vitivinicola	Tipologia di Impresa nel Sistema Vitivinicolo			AGR/01	5		1	
						Politica Economica del Settore Vitivinicolo			AGR/01	5		1
					Valorizzazione Economica dei Prodotti Vitivinicoli			AGR/01	7		1	
						Totale ambito			17			
		<b>Totale attività caratterizzanti</b>							<b>45</b>			
		affini e integrative	c	1		Statistica Metodologica e Piani Sperimentali		SECS-S/02	5		1	
						Approfondimenti sui componenti del vino e sulla gestione della fermentazione alcolica	Costituenti del Vino: Approfondimenti Chimici		AGR/15	4		1
Gestione della fermentazione alcolica							AGR/16	3		1		
Costituenti del Vino: Caratteristiche e Funzionalità dei Componenti Macromolecolari							AGR/15	3		1		
<i>2 insegnamenti a scelta per 20 CFU tra:</i>												
Advanced grapevine physiology, breeding and climate change	Improving vineyard resilience under climate change						AGR/03	2	UDINE	2		
	Environmental factors and secondary metabolism						AGR/03	3	UDINE	2		
	Winery management and climate change						AGR/01	2	UDINE	2		
	Advanced grapevine breeding						AGR/03	3	UDINE	2		
Sustainable and precision viticulture	Sustainable grapevine nutrition						AGR/13	3	UDINE	2		
	Advanced organic viticulture						AGR/03	2	UDINE	2		
	Soil management and irrigation						AGR/03	2	UDINE	2		
	Advances in precision vineyard mechanisation						AGR/09	3	UDINE	2		
Advanced biomolecular and chemical techniques applied to enological products	Application of rapid molecular methods and biosensors for the identification of microorganisms in viticulture and enology						AGR/16	5	UDINE	2		
	Advanced chromatographic techniques in grape and wine analysis						CHIM/10	5	UDINE	2		
Separation, stabilization and packaging techniques in enology	Physical separation processes and wine conditioning and packaging technologies						AGR/15	6	UDINE	2		
	Stabilization techniques for a low impact enology						AGR/15	4	UDINE	2		
Wine marketing and communication	Advanced tools for marketing and communication						AGR/01	5	VERONA	2		
	New wine marketing tools						AGR/01	5	VERONA	2		
Wine business management tools	Financial statement analysis and planning						SECS-P/07	5	VERONA	2		
	Investment analysis and appraisal in the wine business						AGR/01	5	VERONA	2		
Sustainable Wine Management	Approaches to Sustainability in the Wine Industry						AGR/01	5	VERONA	2		
	Sustainable Wine Market Analysis and Perspectives						AGR/01	5	VERONA	2		
Wine identity and typicality	Wine identity and typicality						AGR/15	4	VERONA	2		
	Analytical methods and data treatments strategies for products authentication						CHIM/10	3	VERONA	2		
						Microbial terroir		AGR/16	3	VERONA	2	
Analysis of viticultural terroirs	Elements of terroirs						AGR/03	4	VERONA	2		
	Viticulture soils and rootstocks in grapevine cultivation						AGR/13	3	VERONA	2		
	Varietal and genetic identity of grapevine						AGR/07	3	VERONA	2		
Advancements in precision grape and wine production	Precision management of grape ripening and post-ripening						AGR/03	4	VERONA	2		
	New breeding technologies for next generation grapevine						AGR/07	3	VERONA	2		
	Precision enology						AGR/15	3	VERONA	2		
Environmental sustainability	Integrated Pest Management and phytosanitary certification						AGR/12	3	VERONA	2		
	Sustainable Management of winery waste and wastewater						AGR/09	2	VERONA	2		
	Sustainable management of soil and water in viticulture						AGR/08	3	VERONA	2		

**ORIENTAMENTO: RESEARCH AND DEVELOPMENT FOR A SUSTAINABLE VITICULTURE**

**ORIENTAMENTO: RESEARCH AND DEVELOPMENT IN ENOLOGY**

**ORIENTAMENTO: ECONOMY AND MARKETING IN WINE BUSINESS**

**ORIENTAMENTO: IDENTITY, TYPICALITY, TERROIR**

**ORIENTAMENTO: NEW FRONTIERS IN VITICULTURE AND ENOLOGY**

				Advanced approaches in sustainable vine nutrition	AGR/13	2	VERONA	2	
			Vineyard management and wine production in mountain areas	Vineyard management in mountain areas	AGR/03	3	BOLZANO	2	<b>ORIENTAMENTO: SUSTAINABLE MANAGEMENT OF MOUNTAIN VITICULTURE WITHIN LANDSCAPE VALORIZATION</b>
				Smart technologies for viticulture and winery management	AGR/09	5	BOLZANO	2	
				Wine production processes and plants	AGR/15	3	BOLZANO	2	
			Protection and valorization of viticultural systems in mountain areas	Plant pathogens and disease management strategies in vineyards in mountain areas	AGR/12	3	BOLZANO	2	
				Management and use of agrochemicals and their fate in the environment	AGR/13	3	BOLZANO	2	
				Conventional and innovative strategies for grapevine genetic improvement	AGR/07	3	BOLZANO	2	
			Sparkling wine production and marketing	Viticulture for sparkling wines in the frame of the climate change	AGR/03	2	PADOVA	2	
				Sparkling wine science, technology and quality	AGR/15	3	PADOVA	2	
				Sparkling wine economy	AGR/01	2	PADOVA	2	
				Sparkling wine plant engineering	AGR/09	3	PADOVA	2	
<b>Totale affini e integrative</b>						<b>35</b>			
a scelta studente	d					10			
<b>Totale a scelta studente</b>						<b>10</b>			
prova finale e lingua straniera	e	1	Prova finale			27			
		2							
<b>Totale prova finale e lingua straniera</b>						<b>27</b>			
ulteriori attività formative (art.10, comma 5, lettera d)	f	1	Ulteriori conoscenze linguistiche			3			
		2							
		3							
		4							
		5							
<b>Totale altre attività formative</b>						<b>3</b>			
<b>TOTALE GENERALE</b>						<b>120</b>			