

**Allegato B1 - Anno Accademico a.a. 2022/2023**

**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 delle produzioni	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
	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
	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
Advances in sparkling wines production	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>