

Department D3A (ex-Faculty of Agriculture) - List of courses that will be taught in the A.Y. 2016/17						
the lectures are offered in Italian with special tutorship for International/Erasmus students; see page bottom for courses entirely offered in English (FOBIM)						
semester 1=lectures from 26 Sept 2016 to 22 Dec 2016; exams from 9 Jan 2017 to 17 Feb 2017						
semester 2=lectures from 20 Feb 2017 to 9 June 2017; exams from 12 June 2017 to 31 Aug 2017						
see also the SYLLABUS containing the Programmes of the Courses:						
http://guida.agr.univpm.it/guida.php						
B.Sc. Degree Programme “SCIENZE E TECNOLOGIE AGRARIE” (STA) - <i>Agricultural Sciences</i> Code AT01						
1st YEAR						
semester	code	Course	contact hours	ECTS	Professor/Docente	
starts1;ends2	3A475	Biologia vegetale/Plant biology	108	12	Prof. S. CASAVECCHIA	
starts1;ends2	3A476	Chimica generale e organica/General and organic chemistry	108	12	to be appointed	
2	3A477	Entomologia e zoologia agraria e forestale / Agricultural and forest entomology and zoology	81	9	Dott. P. RIOLO	
1	3S005	Fisica / Physics	54	6	to be appointed	
	W000582	Istituzioni di economia e statistica / Principles of statistics (integrated course)	*both modules must be completed			
1	3I142	Modulo 1*: Istituzioni di economia / Module 1: Principles of economics*	54	6	Prof. D.GAMBELLI	
1	W000583	Modulo 2*: Istituzioni di statistica / Module 2: Principles of statistics*	27	3	Prof. R. PAPA	
1	3A289	Matematica / Mathematics	54	6	to be appointed	
1		LINGUA / Foreign Language (Italian, English or French)		6	www.CSAL.univpm.it/en	
2nd YEAR						
semester	code	Course	contact hours	ECTS	Professor/Docente	
1	3A017	Agrologia generale / General agronomy	81	9	Prof. R. SANTILLOCCHI	
2	3A478	Arboricoltura / Ornamental, wood and fruit tree culture and physiology	81	9	Prof. B. MEZZETTI	
2	3A479	Chimica e biochimica agraria / Agricultural chemistry and biochemistry	81	9	Prof. C. VISCHETTI	
1	3A480	Genetica agraria e forestale / Agricultural and forest genetics	54	6	Dott. L. NANNI	
2	3A565	Meccanica agraria / Agricultural mechanization	54	6	Prof. E. FOPPA PEDRETTI	
2	3A024	Microbiologia agraria / Agricultural microbiology	54	6	Prof. E. BERARDI	
1	3A215	Patologia vegetale / Plant pathology	81	9	Prof. G. ROMANAZZI	
3rd YEAR						
Major TECNOLOGIE AGRARIE - <i>Agricultural Technologies (Code 408)</i>						
semester	code	Course	contact hours	ECTS	Professor/Docente	
1	3A481	Biologia animale e zootecnica generale / Animal biology and basic animal science	81	9	Prof. M. PASQUINI	
1	3A482	Costruzioni rurali ed elementi di geomatichia / Rural buildings and basics of geomatichia	54	6	Dott. E. MARCHEGGIANI	
2	3A026	Estimo rurale / Rural appraisal	54	6	Prof. A. FINCO	
1	3A121	Frutticoltura / Fruitculture	54	6	Dott. F. CAPOCASA	
1	3A149	Industrie agrarie / Agrarian industries (Food technology)	54	6	Prof. N.G. FREGA	
2	5A002	Pedologia agraria / Pedology	54	6	Dott. S. COCCO	
Free choice suggested for students of the Degree Programme in <i>Agricultural Sciences (STA)</i> cv. <i>Agricultural Technologies (TA)</i>						
1	3A558	Agroenergie / Agroenergy	54	6	Prof. E. FOPPA PEDRETTI	
2	3A148	Coltivazioni erbacee / Crop science	54	6	Dott. R. ORSINI	
2	3A524	Tappeti erbosi / Turfs management	54	6	Prof. R. SANTILLOCCHI	
Major VITICULTURA ED ENOLOGIA - <i>Viticulture and Enology (Code 409)</i>						
1	3A055	Chimica enologica / Wine chemistry	54	6	to be appointed	
2	01338	Enologia / Enology	81	9	Prof. E. BOSELLI	
2	W000061	Marketing e politiche comunitarie / Marketing and european policies	54	6	to be appointed	
1	W000060	Meccanizzazione viticolo-enologica / Mechanization in viticulture and enology	54	6	Prof. E. FOPPA PEDRETTI	
1	3A221	Microbiologia enologica / Wine microbiology	54	6	Prof. F. CLEMENTI	
starts1;ends2	W000214	Viticultura generale / General viticulture	54	6	Prof. O. SILVESTRONI	
Free choice suggested for students of the Degree Programme in <i>Agricultural Sciences (STA)</i> cv. <i>Viticulture and Enology (VE)</i>						
2	3A148	Coltivazioni erbacee / Crop science	54	6	Dott. R. ORSINI	
2	3A026	Estimo rurale / Rural appraisal	54	6	Prof. A. FINCO	
2	3A562	Viticultura di territorio / Viticulture and environment	54	6	to be appointed	

B.Sc. Degree Programme “SCIENZE FORESTALI ED AMBIENTALI” <i>Forest and Environment</i> (SFA) (Code AT02)						
1st YEAR						
semester	code	Course	contact hours	ECTS	Professor/Docente	
2	3A475	Biologia vegetale / Plant biology	108	12	Prof. M. ALLEGREZZA	
starts1;ends2	3A476	Chimica generale e organica / General and organic chemistry	108	12	to be appointed	
2	3A477	Entomologia e zoologia agraria e forestale / Agricultural and forest entomology and zoology	81	9	Prof. N. ISIDORO	
2	3S005	Fisica / Physics	54	6	to be appointed	
	W000582	Istituzioni di economia e statistica C.I. / Principles of economics and statistics (integrated course)	*both modules must be completed			
1	3I142	Modulo 1*: Istituzioni di economia / Module 1: Principles of economics*	54	6	Dott. M. BELLETTI	
1	W000583	Modulo 2*: Istituzioni di statistica / Module 2: Principles of statistics*	27	3	Prof. R. PAPA	
1	3A289	Matematica / Mathematics	54	6	to be appointed	
1		LINGUA/Foreign languages (Italian, English, French)		6	www.CSAL.univpm.it/en	

2nd YEAR						
semester	code	Course	contact hours	ECTS	Professor/Docente	
1	3A168	Agronomia montana / Mountain agronomy	54	6	Dott. P. D'OTTAVIO	
2	3A036	Botanica sistematica e forestale / Systematic and forest botany	54	6	Prof. F. TAFETANI	
1	3A170	Chimica forestale / Forest chemistry	54	6	Prof. C. CASUCCI	
starts1;ends2	3A493	Dendrometria e selvicoltura / Tree measurement and silviculture	108	12	Prof. C. URBINATI	
1	3A480	Genetica agraria e forestale / Agricultural and forest genetics	54	6	Dott. E. BITOCCHI	
2	3A176	Meccanica e meccanizzazione forestale / Mechanics and forestry mechanization	54	6	Prof. G. TOSCANO	
2	3A172	Pedologia forestale / Forest pedology	81	9	Prof. G. CORTI	

3rd YEAR						
semester	code	Course	contact hours	ECTS	Professor/Docente	
2	W000054	Alimentazione animale ed allevamenti estensivi / Animal feeding and extensive production	54	6	Prof. M.F. TROMBETTA	
2	3A495	Ecologia vegetale e geobotanica / Plant ecology and geobotany	54	6	Prof. M. ALLEGREZZA	
1	3A496	Economia ed estimo forestale e ambientale / Valuation of forest resources and environmental	54	6	Prof. D. GAMBELLI	
starts1;ends2	3A497	Geomatichia per l'analisi dei sistemi territoriali / Geomatics for landscape analysis	108	12	Prof. A. GALLI	
	3A561	Microbiologia forestale / Forest microbiology	54	6	Prof. E. BERARDI	
1	3A217	Patologia forestale / Forest pathology	54	6	Dott. S. MUROLO	

Free choice suggested for students of the B.Sc. Degree Programmes in <i>Forest and Environment</i> (SFA)						
2	3A559	Applicazioni di geobotanica / Geobotany application	only if students ≥ 5	54	6	to be appointed
2	3A116	Parchi e giardini / Parks and gardens	only if students ≥ 5	54	6	to be appointed
2	3A253	Politica agraria / Agricultural Policy	only if students ≥ 5	54	6	to be appointed

B.Sc. Degree Programme “SCIENZE E TECNOLOGIE ALIMENTARI” <i>Food Science and Technology</i> (STAL) (Code AT03)						
1st YEAR						
semester	code	Course	contact hours	ECTS	Professor/Docente	
2	3A509	Biochimica 1 / Biochemistry 1	54	6	Prof. S. RUGGIERI	
1	W000585	Biologia vegetale ed etnobotanica / Plant biology and ethnobotany	81	9	Dott. S. ZITTI	
1	3A476	Chimica generale e organica / General and organic chemistry	108	12	Prof. P. CARLONI	
2	3S407	Economia e marketing / Economics and marketing	81	9	to be appointed	
2	3S005	Fisica / Physics	54	6	to be appointed	
1	3A289	Matematica / Mathematics	54	6	to be appointed	
2	W000586	Morfofisiologia zootecnica e produzioni animali / Anatomy and physiology of farming animals and animal products	81	9	Prof. M. PASQUINI	
1		LINGUA/Foreign languages (Italian, English, French)		6	www.CSAL.univpm.it/en	
2nd YEAR						
semester	code	Course	contact hours	ECTS	Professor/Docente	
1	3A510	Biochimica 2 / Biochemistry 2	54	6	Prof. N. RAFFAELLI	
2	3A485	Biologia dei microrganismi / Biology of microorganisms	54	6	Prof. F. CLEMENTI	
1	3A098	Chimica degli alimenti / Food chemistry	54	6	Prof. N.G. FREGA	
1	3A011	Genetica agraria / Plant genetics	81	9	Prof. S. TAVOLETTI	
2	3A488	Macchine e impianti per l'industria e l'energia 1 / Machines and plants for the industry and energy 1	54	6	Dott. D. DUCA	
2	3A487	Operazioni unitarie nelle tecnologie alimentari / Unit operations in food technology	81	9	Dott. D. PACETTI	
1	W000055	Produzioni erbacee alimentari / Production of food crops	54	6	Dott. M. TODERI	
3rd YEAR						
starts1;ends2	3A490	Conservare e additivi / Preserves and additives	108	12	Prof. M. MOZZON	
1	3A486	Controllo analitico di qualità / Analytical quality control	108	12	Dott. P.M. FALCONE	
2	3A286	Igiene / Hygiene	54	6	Dott. C. GAROFALO	
1	3A491	Microbiologia e igiene degli alimenti / Food microbiology and hygiene	81	9	Prof. L. AQUILANTI	

2	3A492	Protezione delle derrate alimentari / Integrated pest management of stored products	54	6	Dott. S. RUSCHIONI
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Free choice suggested for students of the B.Sc. Degree Programme *Food Science and Technology* (STAL)

1	5S056	Biochimica degli alimenti / Food biochemistry	only if students ≥ 5	54	6	Prof. N. RAFFAELLI
1	5A040	Enzimologia / Enzymology	only if students ≥ 5	54	6	Prof. S. RUGGIERI
2	3A523	Laboratorio di microbiologia / Laboratory of microbiology	only if students ≥ 5	54	6	to be appointed

Master Degree Programme “SCIENZE AGRARIE E DEL TERRITORIO” *Land Agricultural Sciences* (SAT) (Code AM01)

1st YEAR

semester	code	Course	contact hours	ECTS	Professor/Docente
1	5A068	Agronomia del territorio / Land agronomy	54	6	Dott. M. TODERI
1	5A015	Chimica e biochimica dei fitofarmaci / Pesticides chemistry and biochemistry	54	6	Prof. C. VISCHETTI
	00916	Economia e politica agraria (C.I.) / Agricultural economics and policy (integrated course*)	*both modules must be completed		
1	3A023	Modulo 1*: Economia agraria / Module 1: Agricultural economics*	54	6	Dott. M. BELLETTI
1	3A253	Modulo 2*: Politica agraria / Module 2: Agricultural policy*	27	3	Prof. A. FINCO
2	5A079	Gestione e tutela della biodiversità e del paesaggio / Management and conservation of biodiversity and landscape	54	6	to be appointed
1	5A105	Miglioramento genetico e ingegneria genetica / Plant breeding	54	6	Prof. S. TAVOLETTI
2	5A069	Sistemi colturali erbacei / Herbaceous cropping systems	54	6	Prof. R. SANTILOCCHI
2	W000056	Vivaismo e biotecnologie in arboricoltura / Nursery production and biotechnology in arboriculture	54	6	Prof. B. MEZZETTI

Major AGRICOLTURA SOCIALE - Social Agriculture (Code 410)

	W000576	Ortoflorofrutticoltura sociale (C.I.) / Social ornamental and fruitculture (integrated course*)	*both modules must be completed		
2	W000577	Modulo 1*: Florofrutticoltura / Module 1: Ornamental and fruitculture	54	6	Dott. F. CAPOCASA
2	W000578	Modulo 2*: Laboratorio di orticoltura / Module 2: Horticultural lab	27	3	to be appointed

Major PRODUZIONE E PROTEZIONE DELLE COLTURE - Crop Production and Protection (Code 411)

2	3A241	Viticoltura / Viticulture	81	9	Prof. O. SILVESTRONI
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2nd YEAR

Major AGRICOLTURA SOCIALE - Social Agriculture (Code 410)

1	W000580	Benessere e sviluppo in agricoltura sociale	54	6	to be appointed
1	W000581	Disagio psichico e prospettive di integrazione sociale	54	6	to be appointed
2	W000579	Zootecnia sociale	54	6	Prof. M.F. TROMBETTA

Major PRODUZIONE E PROTEZIONE DELLE COLTURE - Crop Production and Protection (Code 411)

2	5A071	Difesa dalle fitopatie / Control of plant diseases	54	6	Prof. G. ROMANAZZI
1	3A122	Lotta biologica e integrata / Biological control and integrated pest management	54	6	Prof. N. ISIDORO
1	01211	Olivicoltura / Olive tree cultivation	54	6	to be appointed

Free choice suggested for students of the Master Degree Programme *Land Agricultural Sciences* (SAT)

SEM		Classe 69: Scienze e Tecnologie Agrarie				
2	W000058	Fertilità del suolo e nutrizione vegetale/Soil fertility and plant nutrition	only if students ≥ 5	54	6	Dott. E. MONACI
2	3A120	Orticoltura / Horticulture	only if students ≥ 5	54	6	to be appointed

Master Degree Programme SCIENZE FORESTALI, DEI SUOLI E DEL PAESAGGIO” *Forest, Soil and Landscape Sciences* (FORESPA) (Code AM03)

1st YEAR

semester	code	Course	contact hours	ECTS	Professor/Docente
1	W000246	Geologia applicata e idrologia / Applied Geology and hydrology	54	6	to be appointed
2	W000247	Geomatca per la gestione del territorio / Geomatics for land management	54	6	to be appointed
	5A078	Gestione e conservazione del suolo / Soil management and conservation (integrated course*)	*both modules must be completed		
1	W000261	Modulo 1*: Valutazione e Manutenzione dei suoli / Soil evaluation and maintenance*	54	6	Prof. G. CORTI
1	W000262	Modulo 2*: Contaminazione e risanamento del suolo / Contamination...*	54	6	Prof. C. CASUCCI
2	W000248	Gestione dei sistemi agro-pastorali / Management of agro-pastoral systems	54	6	Dott. P. D'OTTAVIO
2	5A075	Monitoraggio ambientale degli agroecosistemi / Environmental monitoring of agroecosystems	54	6	Prof. F. TAFFETANI
2	W000249	Politiche e valutazione dell'ambiente agroforestale / Agroforestry policies and environmental evaluation	54	6	Prof. A. FINCO
1		Trasformazioni del legno	54	6	Prof. G. TOSCANO

2nd YEAR

2	W000057	Analisi del paesaggio forestale / Forest landscape analysis	81	9	Dott. M. GARBARINO
1	W000250	Gestione integrata del paesaggio / Landscape management	54	6	Prof. A. GALLI
	W000255	Gestione zootecnica e faunistica (integrated course*) / Management...	*both modules must be completed		
1	W000256	Modulo 1*: Sistemi zootecnici sostenibili / Module 1: Sustainable farming systems*	54	6	Prof. M.F. TROMBETTA
1	W000257	Modulo 2*: Gestione della fauna / Module 2: Wildlife management*	27	3	to be appointed
2	W000251	Pianificazione ecologica delle foreste / Ecological forest planning	54	6	Prof. C. URBINATI

Free choice suggested for students of the Master Degree Programme <i>Forest, Soil and Landscape Sciences</i> (FORESPA)								
	semester							
	2	W000254	Analisi genetica per la conservazione della biodiversità / Genetic analysis for biodiversity conservation <i>only if students ≥ 5</i>		54	6	Prof. R. PAPA	
	2	W000253	Microbiologia e biotecnologie ambientali / Environmental microbiology and biotechnology <i>only if students ≥ 5</i>		54	6	Prof. L. AQUILANTI	



Master Degree Programme in “ FOOD AND BEVERAGE INNOVATION AND MANAGEMENT” (FOBIM)

(Code AM04)



1st YEAR

semester	code	Course	contact hours	ECTS	Professor/Docente	
1	W000602	Accessory foods and beverages	54	6	Prof. E. BOSELLI	
2	W000604	Emerging food technologies	54	6	Prof. M. MOZZON	
2	W000601	Energy and environmental sustainability in the agro-food industry	54	6	Dott. D. DUCA	
1	W000599	Food biochemistry	54	6	Prof. N. RAFFAELLI	
2	W000600	Food marketing and management	54	6	Prof. R. ZANOLI	
1	W000595	Food policy	54	6	Prof. A. FINCO	
	W000596	Fruit quality and disease management (integrated course) ¹	¹ both modules must be completed			
2	W000597	Module 1: Fruit quality control ¹	54	6	to be appointed	
2	W000598	Module 2: Postharvest disease management ¹	27	3	Prof. G. ROMANAZZI	
2	W000603	Genetic resources and food traceability	54	6	Dott. E. BITOCCHI	