

Requirements and Options for the UGA/UNIPD Dual Degree Program of Study

The program of study shall include courses as follows. CH = credit hours, CFU = credito formativo universitario

Scientific Fields	UNIPD Student – Year 1 (at UNIPD)		UGA Student – Year 1 (at UGA)	
	CFU	Courses	CH	Courses
Crop production	14 CFU (7 CH)	Sustainable Agriculture (6 CFU) Agricultural Management of Biogeochemical Cycles (8 CFU)	6 - 7 CH: two courses from the list on the right (14 CFU)	Sustainable Agriculture - CRSS 6010 (3 CH) Seed Technology – CRSS 6310 (3 CH) Weed Science – CRSS 6340 (3 CH) Herbicide Technology – CRSS 6350 (3 CH) Crop Physiology – CRSS 6450 (3 CH) Plant Physiology - CRSS 6430 (3 CH) Adv. Topics Sust. Agric. – CRSS 8xxx (3 CH) Fruit Production – HORT 6020/6020L (3 CH) Organic Ag Systems – HORT 6125 (4 CH) Env Physiology – HORT 6440/6440L (4 CH) Adv. Plant Physiology – HORT 8104 (4 CH)
Plant and animal breeding	8 CFU (4 CH)	Plant Breeding (8 CFU)	3 CH: one course from the list on the right (8 CFU)	Plant Breeding - CRSS 6140 (3 CH) Agricultural Biotechnology - CRSS 6800 (3 CH)
Soil sciences	6 CFU (3 CH)	Soil Microbiology (6 CFU)	3 - 4 CH: one course from the list on the right (6 CFU)	Pedology - CRSS 6540 (3 CH) Soil Erosion and Cons. – CRSS 6580 (3 CH) Soil Fertility - CRSS 6590 (3 CH) Soil Microbiology – CRSS 6610 (3 CH) Soil Physics - CRSS 6600/6600L (4 CH) Env. Soil Chemistry – CRSS 6670 (3 CH) Soil Physical Chemistry - CRSS 8000 (3 CH) Advanced Soil Fertility - CRSS 8520 (3 CH)

Scientific Fields	UNIPD Student – Year 1 (at UNIPD)		UGA Student – Year 1 (at UGA)	
	CFU	Courses	CH	Courses
				Soil Biology & Ecol. – CRSS 8660/8660L (4 CH) Terr. Biogeochem. Cycling – CRSS 8850 (4 CH)
Plant pathology and entomology	6 CFU (3 CH)	Integrated Mgmt. of Arthropods (6 CFU)	3 CH: one course (6 CFU)	Integrated Pest Mgmt - CRSS 6740 (3 CH) Pests and Transgenic Crops - CRSS 6250 (3 CH)
Economics and management	8 CFU (4 CH)	Agrifood Economics & Policy (8 CFU)	3 CH: one course from the list on the right (8 CFU)	Production Economics - AAEC 6210 (3 CH) Environmental Economics – ENVM 6650 (3 CH)
Engineering and Technology	8 CFU (4 CH)	Precision Farming (8 CFU)	3 CH: one course from the list on the right (8 CFU)	Sensors in Precision Ag – CRSS 6030 (3 CH) GIS for Nutrient Energy Effic. – CRSS 6050 (4 CH) Adv. Topics in Precision Ag. - CRSS 6060 (3 CH) Remote Sens. Environment – GEOG 6350 (3 CH) Geog. Information Systems – GEOG 6370 (3 CH) GIS Applic. in Agriculture – GEOG 6375 (3 CH) Advanced Remote Sensing – GEOG 8350 (3 CH) Measurement & Control – HORT 8160 (3 CH)
Statistics	8 CFU (4 CH)	Advanced Statistics (8 CFU)	3 - 4 CH: one course from the list on the right (8 CFU)	Intro to Statistical Methods I – STAT 6210 (3 CH) Intro to Statistical Methods II – STAT 6220 (3 CH) Stat. Methods for Research - STAT 6315 (4 CH) Experimental Methods – FANR 6750(4 CH) Experimental Design – STAT 8200 Intro. Spatial Analysis - GEOG 6300 (3 CH)
			6 CH	Master’s Research – CRSS 7000 (6 CH)

Scientific Fields	UNIPD Student – Year 1 (at UNIPD)		UGA Student – Year 1 (at UGA)		
	CFU	Courses	CH		Courses
			3 CH	(8 CFU: practical activities)	Master’s Thesis – CRSS 7300 (3 CH)
			1 CH		Crop & Soil Sci. Seminar – CRSS 8100 (1 CH)
Total Year 1	58 CFU (29 CH)		34 - 37 CH (66 CFU)		

Scientific Fields	UNIPD Student – Year 2 (at UGA)		UGA Student – Year 2 (at UNIPD)	
	CFU	Courses	CH	Courses
Complementary Fields	3 CH: one course from the list on the right (6 CFU)	Anthropology of Conserv. – ANTH 6085 (3 CH) Found. Ecol. Anthropology – ANTH 6490 (3 CH) Ecol. Food, Diet & Nutrition – ANTH 6580 (3 CH) Field Methods – ANTH 6630 (3 CH) Seminar Ecol. Anthropology – ANTH 8500 (3 CH) Cult. Dim. Biodiv. – ANTH 8520 (3 CH) Conserv. & Commun. – ANTH 8540 (3 CH) Social Issues Sust. Agric. – CRSS 6020 (3 CH) Conserv. Ecol. & Sust. Dev. – ECOL 6080 (3 CH) Cons. Ecology & Sust. Dev. – ECOL 8400 (3 CH) Environmental Economics – ENVM 6650 (3 cr) Nat. Res. & Env. Economics – FANR 7860 (3 cr)	6 CFU: one course from all the lists above or from the list on the right (3 CH)	Crop Physiology (6 CFU) Water Resources Mgmt. (6 CFU) Sustainable Viticulture and Woody Crop Production (6 CFU) Sustainable livestock production (6 CFU) Sustainable Disease Mgmt. (6 CFU)

Scientific Fields	UNIPD Student – Year 2 (at UGA)		UGA Student – Year 2 (at UNIPD)		
	CFU	Courses	CH	Courses	
		Adv. Economic Geog. – GEOG 6620 (3 CH) Conserv. Ecol. & Res. Mgmt - GEOG 6810 (3 CH) Agro-Food systems – GEOG 6860 (3 CH)			
Electives (one course)	4 CH (8 CFU)	Elective course at UGA (not Seminar/ Master’s Research/ Master’s Thesis)	8 CFU (4 CH)	Elective course at UNIPD (not practical activities/thesis research)	
	1 CH	(8 CFU: practical activities + 40 thesis research)			
	3 CH		Master’s Thesis - CRSS 7300		
	20 CH		Master’s Research – CRSS 7000	40 CFU (20 CH)	Thesis research
Total Year 2	62 CFU (31 CH)		27 CH (54 CFU)		
TOTAL Years 1&2	120 CFU (60 CH)		61-64 CH (120 CFU)		

Example Programs of Study for Students Beginning at UNIPD and UGA

Scientific Fields	UNIPD Student		UGA Student	
	CFU	Courses	Cr	Courses
Crop Production	14 CFU	Sustainable Agriculture (8 CFU) Crop Physiology (6 CFU)	6 CH	Crop Physiology – CRSS 6450 (3 CH) Sustainable Agriculture - CRSS 6010 (3 CH)
Plant/Animal Breeding	8 CFU	Plant Breeding (8 CFU)	3 CH	Plant Breeding - CRSS 6140 (3 CH)
Soil Sciences	6 CFU	Biomass & Bioenergy Production (6 CFU)	3 CH	Soil Erosion and Cons. – CRSS 6580 (3 CH)
Plant Path & Entomology	6 CFU	Integrated Mgmt. of Arthropods (6 CFU)	3 CH	Integrated Pest Mgmt - CRSS 6740 (3 CH)
Economics & Management	8 CFU	Agrifood Economics & Policy (8 CFU)	3 CH	Production Economics - AAEC 6210 (3 CH)
Engineering Technology	8 CFU	Precision Farming (8 CFU)	3 CH	Adv. Topics Precision Ag. – CRSS 6060 (3 CH)
Statistics	8 CFU	Advanced statistics (8 CFU)	4 CH	Stat. Methods for Research – STAT 6315 (4 CH)
Complement-Ary	6 CFU	Social Issues Sust. Agric. – CRSS 6020 (3 CH, 6 CFU)	3 CH	Sustainable Disease Mgmt. (6 CFU, 3 CH)
Electives	6 CFU	GIS Applic. in Agric. – CRSS 6375 (3 CH, 6 CFU)	3 CH	Elective course at UNIPD (8 CFU, 4 CH)
	2 CFU	Crop & Soil Sci. Seminar – CRSS 8100 – (1 CH)	1 CH	Crop & Soil Sci. Seminar – CRSS 8100 – (1 CH)
	6 CFU	Practical Activities at UNIPD	22 CH	Practical activities at UNIPD
Thesis Research	36 CFU	Master’s Research – CRSS 7000	6 CH	Master’s Research - CRSS 7000
Thesis Writing	6 CFU	Master’s Thesis – CRSS 7300	3 CH	Master’s Thesis – CRSS 7300 (3 CH)
TOTAL	120 CFU		63 CH	