

		Courses at UPCT - Master "TAIDA"	ECTS	Language
3rd and 4th Semester		Elective module	32	
		Module: Methods in Investigation		
	203101001	Molecular and Cellular Biology Techniques	4	Spanish and English
	203101002	Genomic Tools in Research	4	Spanish and English
	203101003	Experimental Design in Food and Agricultural Research	4	Spanish
	203101004	Economics of Competitiveness and Technological Innovation in the Agri-Food Sector	4	Spanish
		Module: Agro-Food Biotechnology		
	203102001	Advanced Techniques in in-vitro Plant Culture: Micropropagation and Production of Valuable Compounds	4	Spanish and English
	203102002	Plant Defense: Biotechnological Tools to obtain Plants resistant to diseases	4	Spanish and English
	203102003	Biotechnology and Genetics in Animal Breeding	4	Spanish
	203102004	Research in food and vegetable biotechnology	4	Spanish
		Module: Technology and Engineering in Crop Production		
	203103001	Advances in Crop Protection and Post Harvest Pathology	4	Spanish
	203103002	Degradation and restoration of mediterranean agroecosystems and surrounding areas	4	Spanish and English
	203103006	Innovations in Horticulture	4	Spanish and English
	203103007	Irrigation scheduling and agronomic-physiological crop responses to water regimes	4	Spanish
	203103008	Deficit Irrigation strategies	4	Spanish
	203103009	Models and tools for greenhouse climate management	4	Spanish
	203201002	Strategies and techniques for biodiversity conservation	4	Spanish
		Module: Food Technology and Engineering		
	203204001	Basic concepts of modeling: application in biological and alimentary systems	4	Spanish
	203204002	Chilling and coadjudants for optimizing quality and safety during postharvest life of fruits and vegetables	4	Spanish
	203204003	Risk analysis and predictive microbiology	4	Spanish and English
	203204004	Control engineering of food recontamination	4	Spanish
	203204005	Minimal processing techniques to preserve quality and safety of fruit and vegetables	4	Spanish (in English on demand)