

COURSES-DOCTORATE (PhD) PROGRAM OUTPUTS MATRIX in THE PLANT PRODUCTION and TECHNOLOGIES DEPARTMENT

Course Type	Course Code	Course Title	Credit			Program Outputs																
			Class	Practice	ECTS	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
FALL																						
Compulsory Courses and The Others	IOS8001	Scientific Research Techniques and Publication Ethics	3	0	8	0	0	0	0	4	0	0	0	0	4	4	4	4	4	0		
	PPT8001	Statistical Methods in Plant Production	3	0	8	3	1	3	4	3	4	1	3	1	1	1	1	1	1	1	1	
	PPT8003	Plant Biochemistry	3	0	8	5	5	4	3	4	4	4	5	5	5	5	5	4	4	5		
	PPT7001	Seminar	0	2	8	3	4	3	4	3	3	2	2	3	3	4	4	3	3	3		
	PPT7003	Doctoral Qualification	0	0	30	4	4	3	4	4	4	2	3	3	4	4	5	4	4	3		
	PPT7005	Specialized Field Course	5	0	2	3	4	3	4	4	3	2	3	3	4	4	5	3	4	3		
	PPT7007	Thesis Proposal	0	0	30	0	0	0	0	5	0	0	0	0	5	5	5	5	0	5		
	PPT7009	Thesis Research	0	1	30	4	4	3	4	4	4	2	3	3	4	4	4	4	4	5		
Elective	PPT7101	Intensive Fruit Production	3	0	8	3	3	4	4	3	3	3	4	4	5	5	4	3	3			
Elective	PPT7103	Molecular Markers in Plant Pathology	3	0	8	5	5	4	3	4	4	5	5	5	5	5	4	4	5			
Elective	PPT7105	Herbicide Mode of Action	3	0	8	3	3	4	3	4	3	4	2	2	3	4	4	3	1			
Elective	PPT7107	Stress Physiology in Plants	3	0	8	5	5	5	5	0	4	0	4	3	5	4	0	0	3	1		
Elective	PPT7109	Phytoplasma Diseases	3	0	8	4	5	5	3	4	4	3	4	3	4	5	5	0	0			
Elective	PPT7111	Pigmentation in Plants	3	0	8	3	4	4	3	4	3	4	4	4	3	4	4	4	3	2		
SPRING																						
Compulsory Courses and The Others	PPT8002	Plant Production Methods	3	0	8	3	4	4	3	4	3	5	4	4	3	4	4	3	4			
	PPT8004	Growth Mechanisms of Cultured Plants	3	0	8	3	3	4	4	3	3	5	4	4	4	2	3	3	3	3		
	PPT7002	Seminar	0	2	8	4	3	4	3	3	2	2	3	3	4	4	4	3	3	3		
	PPT7004	Doctoral Qualification	0	0	30	4	4	3	4	4	4	2	3	4	4	4	5	4	4	3		
	PPT7006	Specialized Field Course	5	0	2	3	4	3	4	4	3	2	3	3	4	4	5	3	4	2		
	PPT7008	Thesis Proposal	0	0	30	0	0	0	0	5	0	0	0	0	5	5	5	5	0	5		
	PPT7010	Thesis Research	0	1	30	4	4	3	4	4	4	2	3	4	4	4	5	4	4	2		
Elective	PPT7102	Stress Physiology of Horticultural Crops	3	0	8	3	4	4	3	4	3	5	4	4	3	4	4	4	3	2		
Elective	PPT7104	Bioactive Molecules	3	0	8	3	3	4	3	3	3	4	4	4	3	4	3	3	3	2		
Elective	PPT7106	Experimental Design in Nematology	3	0	8	4	1	3	4	3	4	1	3	2	1	1	2	2	1			
Elective	PPT7108	Insect Population Ecology	3	0	8	4	4	4	4	4	4	3	4	3	3	4	4	4	2	1		
Elective	PPT7110	Quality Characteristics in Oilseed Crops	3	0	8	5	5	5	0	4	5	2	5	0	5	3	0	5	3	1		
Elective	PPT7112	Genetic Methods in Plant Production	3	0	8	5	5	4	3	4	4	4	5	5	5	5	4	4	5			
Elective	PPT7114	Detection of Diseases Unknown Etiology	3	0	8	5	5	5	3	4	4	4	5	3	3	4	5	5	0	0		