R E P U B L I C O F M A C E D O N I A Ss. Cyril and Methodius University in Skopje



STUDY PROGRAMME OF HORTICULTURE AT FIRST CYCLE OF UNIVERSITY STUDIES

FACULTY OF AGRICULTURAL SCIENCES AND FOOD - SKOPJE

РЕПУБЛИКА МАКЕДОНИЈА УНИВЕРЗИТЕТ "СВ. КИРИЛ И МЕТОДИЈ" ВО СКОПЈЕ ФАКУЛТЕТ ЗА ЗЕМЈОДЕЛСКИ НАУКИ И ХРАНА-СКОПЈЕ



Ss. CYRIL AND METHODIUS UNIVERSITY IN SKOPJE
FACULTY OF AGRICULTURAL SCIENCES AND FOOD-SKOPJE

Skopje, July 2017

STUDY PROGRAMME – HORTICULTURE

FIRST SEMESTER

	LITESTER					
Order number	Course	Lectures load	Number of ECTS	Lecturer		
-compulso	ory courses					
1.	Agrometeorology with Agroclimatology	3+2+2	6	Prof. Dr. Srebra Ilikj Popova		
2.	Agricultural Machinery in Horticulture Production	3+2+2	6	Prof. Dr. Dragi Tanevski		
3.	Pedology	3+2+2	6	Prof. Dr. Tatjana Mitkova Asst. Prof. Mile Markoski		
	elective courses (the student elcts two other courses from the FASF list of courses from the 1 st semester besides the course in Sport and Health)					
4.						
5.						
	Sport and Health (optional)	0+2	-	Faculty of Phisical Education, Sport and Health		
	Total		30			

FASF list of elective courses for the 1st semester

Course	Lectures load	Number of ECTS	Lecturer
Chemistry	3+2+2	6	Prof. Dr. Biljana Petanovska Ilievska Asst. Prof. Dr. Mirjana S. Jankulovska Asst. Prof. Dr. Lenche Markovska
Biochemistry	3+2+2	6	Prof. Dr. Zoran Popovski
Human Resource Development	3+2+2	6	Prof. Dr. Dragi Dimitrievski
Statistics	3+2+2	6	Prof. Dr. Dragan Gjoshevski Asst. Prof. Dr. Ana Simonovska

SECOND SEMESTER

SECOND	SEMESTER				
Order	Course	Lectures	Number of	Lecturer	
number	Course	load	ECTS	Lecturer	
-compulso	ry courses				
1.	Botany	3+2+2	1 h	Prof. Dr. Silvana Manasievska Simikj	
4.	1. Botally	31212	0	Prof. Dr. Elizabeta Miskoska Milevska	
2.	2. Genetics	3+2+2		Prof. Dr. Sonja Ivanovska	
۷.	Genetics			Prof. Dr. Mirjana Jankulovska	
2	Principles of Vegetable and Flower	3+2+2	6	Asst. Prof. Dr. Zvezda Bogevska	
3.	Production	3+2+2	6	Asst. Prof. Dr. Margarita Davitkovska	
-elective c	ourses (the student elcts two other cours	es from the	FASF list of	courses from the 2 nd semester)	
4.			6		
5.			6		
Practical Education					
-	Practical Education	0+2	-		
	Total		30		

FASF list of elective courses for the 2nd semester

Course	Lectures load	Number of ECTS	Lecturer
Ecology	3+2+2	6	Prof. Dr. Elizabeta Angelova
Wild Edible and Poisonous Plants	3+2+2	6	Prof. Dr. Elizabeta Miskoska Milevska
Basics in Economics	3+2+2	6	Asst. Prof. Dr. Emelj Tuna

THIRD SEMESTER

	PILSTER				
Order	Course	Lectures	Number of	Lecturer	
number	Codisc	load	ECTS	Lecturer	
-compulsor	y courses				
1.	Basics in Greenhouse Production	3+2+2	6	Prof. Dr. Gordana Posimonova	
2.	Plant physiology	3+2+2	6	Prof. Dr. Silvana Manasievska Simikj	
3.	Microbiology	3+2+2	6	Prof. Dr. Olga Najdenovska	
-elective co	ourses (the student elects one course fro	m the FASF I	ist of course	es from the 3 rd semester)	
4.			6		
-elective courses (the student elects one course from the UKIM list of courses)					
5.			6		
	Total		30		

FASF list of elective courses for the 3rd semester

Course	Lectures load	Number of ECTS	Lecturer
Aмelioration with Erosion Protection	3+2+2	6	Prof. Dr. Marija Vukelikj Shutoska
Agribusiness	3+2+2	6	Prof. Dr. Dragi Dimitrievski

FOURTH SEMESTER

	JEI-1ES I EK						
Order	Course	Lectures	Number of	Lecturer			
number	Course	load	ECTS	Lecturer			
-compulsor	-compulsory courses						
1.	Nutrition of Horticultural Plants	3+2+2	6	Prof. Dr. Marina Stojanova			
2	2. Principles of Irrigation	3+2+2	6	Prof. Dr. Ordan Chukaliev			
2.		3+2+2	0	Prof. Dr. Vjekoslav Tanaskovikj			
3.	Grasslands	3+2+2	6	Prof. Dr. Tatjana Prentovikj			
-elective co	ourses (the student elects one course from	om the FASF	list of course	es from the 4 th semester)			
4.			6				
-elective co	ourses (the student elects one course fro	om the UKIM	list of course	es)			
5.			6				
Practical Education							
-	Practical Education	0+2					
	Total		30				

FASF list of elective courses for the 4th semester

Course	Lectures load	Number of ECTS	Lecturer
Economics in Agriculture	3+2+2	6	Prof. Dr. Jovan Azhderski
Princliples of Livestock Production	3+2+2	6	Prof. Dr. Sreten Andonov

FIFTH SEMESTER

Order number	Course	Lectures load	Number of ECTS	Lecturer
-compulsor	y courses			
	Biology and Propagation of Fruit Crops and Vine	3+2+2	1 h	Prof. Dr. Tosho Arsov Prof. Dr. Petar Hristov
2.	Open Field Vegetable Production	3+2+2	6	Prof. Dr. Rukie Agich
3.	Park Landscape Architecture	3+2+2	6	Prof. Dr. Margarita Davitkovska
-elective co	ourses (the student elects one course fro	m the FASF I	ist of course	es from the 5 th semester)
4.			6	
-elective co	ourses (the student elects one course from	m the UKIM	list of course	es)
5.			6	
	Total		30	

FASF list of elective courses for the 5th semester

Course	Lectures load	Number of ECTS	Lecturer
Fertirigation	3+2+2	6	Prof. Dr. Vjekoslav Tanaskovikj Prof. Dr. Ordan Chukaliev
Rural Development	3+2+2	6	Prof. Dr. Jovan Azhderski
Specialized Fied Crop production	3+2+2	6	Prof. Dr. Zoran Dimov

SIXT SEMESTER

Order	Course	Lectures	Number of	Lecturer	
number		load	ECTS		
-compulso	ry courses				
1.	Phytopathology with	3+2+2	6	Prof. Dr. Rade Rusevski	
1.	Phytopharmacy	37272	U	Prof. Dr. Biljana Kuzmanovska	
2.	Outdoor Floriculture	3+2+2	6	Asst. Prof. Dr. Margarita Davitkovska	
3.	Entomology with Integrated Pest Management	3+2+2	6	Prof. Dr. Stanislava Lazarevska	
-elective co	ourses (the student elects one course fro	om the FASF	list of course	es from the 6 th semester)	
4.			6		
-elective co	ourses (the student elects one course fro	om the UKIM	list of cours	es)	
5.			6		
Practical Education					
-	Practical Education	0+2			
	Total		30		

FASF list of elective courses for the 6th semester

Course	Lectures load	Number of ECTS	Lecturer
Costs and Budgets	3+2+2	6	Prof. Dr. Aleksandra Martinovska Stojcheska Asst. Prof. Dr. Ivana Janeska Stamenkovska
Biodiversity in Agriculture	3+2+2	6	Prof. Dr. Sonja Ivanovska Prof. Dr. Kocho Porchu

MODUL: HORTICULTURE SEVENTH SEMESTER

Order	Course	Lectures	Number of	Locturor	
number	Course	load	ECTS	Lecturer	
-compulsor	y courses				
1.	Urban Horticulture	3+2+2	6	Asst. Prof. Dr. Zvezda Bogevska	
2.	Pomology I	3+2+2	6	Prof. Dr. Bojan Popovski	
2	Cambanana wasan Camabia Mathada	3+2+2	6	Prof. Dr. Sonja Ivanovska	
3.	Contemporary Genetic Methods	3+2+2		Prof. Dr. Mirjana Jankulovska	
-elective co	-elective courses (the student elects two courses from the FASF list of courses from the 7 th semester)				
4.					
5.					
	Total		30		

FASF list of elective courses for the 7th semester

The list of elective coalses for the 7 Semester					
Course	Lectures	Number	Lecturer		
Course	load	of ECTS			
Indoor Flowering Plants	3+2+2	6	Asst. Prof. Dr. Margarita Davitkovska		
Selection of plants	3+2+2	6	Prof. Dr. Ljubomir Marinkovikj		
Greenhouse Vegetable Production	3+2+2	6	Prof. Dr. Gordana Posimonova		
Harvesting and Post-Harvest Technologies of	3+2+2	6	Prof. Dr. Rukie Agich		
Vegetables and Flowers	3+2+2	0	Prof. Dr. Kukie Agicii		

EIGHT SEMESTER

FIGURE 31	LITESTER						
Order number	Course	Lectures load	Number of ECTS	Lecturer			
-compulso	-compulsory courses						
1.	Establishment and cultivation of vineyards	3+2+2	6	Prof. Dr. Petar Hristov			
2.	Establishment and cultivation of orchards	3+2+2	6	Prof. Dr. Marjan Kiprijanovski			
3.	Ampelography II	3+2+2	6	Prof. Dr. Krum Boskov			
-elective courses (the student elects two courses from the FASF list of courses from the 8 th semester)							
4.			6				
5.			6				
Practical Education							
-	Practical Education	0+2					
Graduation Thesis							
-	Graduation Thesis	0+3	5				
_	Total		35				

FASF list of elective courses for the 8th semester

Not hist of circuit a courses for the or semester					
Course	Lectures	Number	Lecturer		
Course	load	of ECTS			
Medicinal and Aromatic Plants	3+2+2	6	Prof. Dr. Zoran Dimov		
Production of Vegetable and Flower Seeds and	3+2+2	6	Prof. Dr. Rukie Agich		
Seedlings	3+2+2	U	PIOI. DI. KUKIE AGICII		
Beekeeping and Pollination of Agricultural	3+2+2	6	Prof. Dr. Hrisula Kiprijanovska		
Crops	3+2+2	U	FIOI. DI. HIISUIA KIPHJAHOVSKA		
Pomology II	3+2+2	6	Prof. Dr. Bojan Popovski		

MODUL: VEGETABLE AND FLOWER PRODUCTION SEVENTH SEMESTER

Order	Course	Lectures	Number of	Lecturer	
number	304.50	load	ECTS	2000101	
-compulsor	ry courses				
4	Greenhouse Vegetable	3+2+2	6	Drof Dr. Cordona Docimonous	
1.	Production	3+2+2	6	Prof. Dr. Gordana Posimonova	
2.	Indoor Flowering Plants	3+2+2	6	Asst. Prof. Dr. Margarita Davitkovska	
	Harvesting and Post-Harvest				
3.	Technologies of Vegetables and	3+2+2	6	Prof. Dr. Rukie Agich	
	Flowers				
-elective co	-elective courses (the student elects two courses from the FASF list of courses from the 7 th semester)				
4.					
5.					
	Total		30		

FASF list of elective courses for the 7th semester

Course	Lectures load	Number of ECTS	Lecturer	
Contemporary Genetic Methods	3+2+2	6	Prof. Dr. Sonja Ivanovska Prof. Dr. Mirjana Jankulovska	
Selection of plants	3+2+2	6	Prof. Dr. Ljubomir Marinkovikj	
Fruit Crops	3+2+2	6	Prof. Dr. Tosho Arsov	
Table Grapes Production	3+2+2	6	Prof. Dr. Krum Boshkov	

EIGHT SEMESTER

ETRUI 2	EMESTER .					
Order	Course	Lectures load	Number of	Lecturer		
number	Course	Lectures load	ECTS	Lecturer		
-compulso	ry courses					
1.	Medicinal and Aromatic Plants	3+2+2	6	Проф. д-р Зоран Димов		
2.	Vegetables and Flower Standardization	3+2+2	6	Asst. Prof. Dr. Zvezda Bogevska		
3.	Production of Vegetable and Flower Seeds and Seedlings	3+2+2	6	Prof. Dr. Rukie Agich		
-elective c	ourses (the student elects two courses	from the FASF	list of cours	ses from the 8 th semester)		
4.			6			
5.			6			
Practical Education						
-	Practical Education	0+2				
Graduation Thesis						
-	Graduation Thesis	0+3	5			
	Total		35			

FASF list of elective courses for the 8th semester

Course	Lectures load	Number of ECTS	Lecturer	
Establishment and cultivation of vineyards	3+2+2	6	Prof. Dr. Petar Hristov	
Establishment and cultivation of orchards	3+2+2	6	Prof. Dr. Marjan Kiprijanovski	
Fruit and Vegetable Processing			Prof. Dr. Ljubica Karakashova	
Soil Degradation and Protection	3+2+2	6	Prof. Dr. Tatjana Mitkova	