

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
FRUIT GROWING, VITICULTURE AND ENOLOGY
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



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

Skopje, July 2017

STUDY PROGRAMME: FRUIT GROWING, VITICULTURE AND ENOLOGY

FIRST SEMESTER

Order number	Course	Lectures load	Number of ECTS	Lecturer
-compulsory courses				
1.	Agrometeorology with Agroclimatology	3+2+2	6	Prof. Dr. Srebra Ilikj Popova
2.	Agricultural Machinery in Fruit Growing and Viticulture	3+2+2	6	Prof. Dr. Zhivko Davchev
3.	Chemistry	3+2+2	6	Prof. Dr. Biljana Petanovska Ilievska Asst. Prof. Dr. Lenche Velkoska Markovska Asst. Prof. Dr. Mirjana S. Jankulovska
-elective courses (the student elects two other courses from the FASF list of courses from the 1 st semester besides the course in Sport and Health)				
4.			6	
5.			6	
6.	Sport and Health (optional)	0+2	-	Faculty of Physical Education, Sport and Health
Total			30	

FASF list of elective courses for the 1st semester

Course	Lectures load	Number of ECTS	Lecturer
Processing Equipment	3+2+2	6	Prof. Dr. Ile Canev
Statistics	3+2+2	6	Prof. Dr. Dragan Gjoshevski Asst. Prof. Dr. Ana Simonovska
Human Resource Development	3+2+2	6	Prof. Dr. Dragi Dimitrievski
Biochemistry	3+2+2	6	Prof. Dr. Zoran Popovski

SECOND SEMESTER

Order number	Course	Lectures load	Number of ECTS	Lecturer
-compulsory courses				
1.	Botany	3+2+2	6	Prof. Dr. Silvana Manasievska Simikj Prof. Dr. Elizabeta Miskoska Milevska
2.	Genetics	3+2+2	6	Prof. Dr. Sonja Ivanovska Prof. Dr. Mirjana Jankulovska
3.	General Viticulture	3+2+2	6	Prof. Dr. Petar Hristov
-elective courses (the student elects two other courses 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
Zoology	3+2+2	6	Prof. Dr. Katerina Belichovska
Basics in Economics	3+2+2	6	Asst. Prof. Dr. Emelj Tuna
Basics of Livestock Production	3+2+2	6	Prof. Dr. Sreten Andonov

THIRD SEMESTER

Order number	Course	Lectures load	Number of ECTS	Lecturer
-compulsory courses				
1.	Pedology with Basics of Petrography	3+2+2	6	Prof. Dr. Tatjana Mitkova Asst. Prof. Dr. Mile Markoski
2.	Microbiology	3+2+2	6	Prof. Dr. Olga Najdenovska
3.	General Principles of Pomology	3+2+2	6	Prof. Dr. Marjan Kiprijanovski
-elective courses (the student elects one course from the FASF list of courses 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
Amelioration with Erosion Protection	3+2+2	6	Prof. Dr. Marija Vukeljk Shutoska
Plant Physiology	3+2+2	6	Prof. Dr. Silvana Manasievska Simikj
Rural Development	3+2+2	6	Prof. Dr. Jovan Azhderski

FOURTH SEMESTER

Order number	Course	Lectures load	Number of ECTS	Lecturer
-compulsory courses				
1.	Production of Vine Planting Material	3+2+2	6	Prof. Dr. Petar Hristov
2.	Irrigation of Fruit Crops and Vine	3+2+2	6	Prof. Dr. Vjekoslav Tanaskovikj Prof. Dr. Ordan Chukaliev
3.	Production of Fruit Planting Material	3+2+2	6	Prof. Dr. Marjan Kiprijanovski
-elective courses (the student elects one course from the FASF list of courses from the 4 th semester)				
4.			6	
-elective courses (the student elects one course from the UKIM list of courses)				
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
Grasslands	3+2+2	6	Prof. Dr. Tatjana Prentovikj

FIFTH SEMESTER

Order number	Course	Lectures load	Number of ECTS	Lecturer
-compulsory courses				
1.	Phytopathology with Phytopharmacy	3+2+2	6	Prof. Dr. Rade Rusevski Prof. Dr. Biljana Kuzmanovska
2.	Nutrition of Fruit Crops and Vine	3+2+2	6	Prof. Dr. Marina Stojanova
3.	Management in Fruit Production and Viticulture	3+2+2	6	Prof. Dr. Dragan Gjoshevski Asst. Prof. Dr. Ana Simonovska
-elective courses (the student elects one course from the FASF list of courses from the 5 th 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 5th semester

Course	Lectures load	Number of ECTS	Lecturer
Vegetable Production	3+2+2	6	Prof. Dr. Gordana Popsimonova
Specialized Field Crop production	3+2+2	6	Prof. Dr. Zoran Dimov
Contemporary Genetic Methods	3+2+2	6	Prof. Dr. Sonja Ivanovska Prof. Dr. Mirjana Jankulovska

SIXTH SEMESTER

Order number	Course	Lectures load	Number of ECTS	Lecturer
-compulsory courses				
1.	Establishment and Cultivation of Orchards	3+2+2	6	Prof. Dr. Marjan Kiprijanovski
2.	Establishment and Cultivation of Vineyards	3+2+2	6	Prof. Dr. Petar Hristov
3.	Entomology with Integrated Pest Management	3+2+2	6	Prof. Dr. Stanislava Lazarevska
-elective courses (the student elects one course from the FASF list of courses from the 6 th semester)				
4.			6	
-elective courses (the student elects one course from the UKIM list of courses)				
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

SEVENTH SEMESTER – Module FRUIT PRODUCTION

Order number	Course	Lectures load	Number of ECTS	Lecturer
-compulsory courses				
1.	Pomology I	3+2+2	6	Prof. Dr. Bojan Popovski
2.	Harvesting and Post-Harvest Technologies of Fruits	3+2+2	6	Prof. Dr. Tosho Arsov
3.	Table Grapes Production	3+2+2	6	Prof. Dr. Krum Boshkov
-elective courses (the student elects two courses from the FASF list of courses from the 7 th semester)				
4.			6	
5.			6	
Total			30	

FASF list of elective courses for the 7th semester

Course	Lectures load	Number of ECTS	Lecturer
Ampelography I	3+2+2	6	Prof. Dr. Zvonimir Bozhinovikj
Wine Technology	3+2+2	6	Prof. Dr. Mihail Petkov
Fertirigation	3+2+2	6	Prof. Dr. Vjekoslav Tanaskovikj Prof. Dr. Ordan Chukaliev
Urban Horticulture	3+2+2	6	Asst. Prof. Dr. Zvezda Bogevska

EIGHT SEMESTER

Order number	Course	Lectures load	Number of ECTS	Lecturer
-compulsory courses				
1.	Fruit Breeding	3+2+2	6	Prof. Dr. Bojan Popovski
2.	Beekeeping and Pollination of Agricultural Crops	3+2+2	6	Prof. Dr. Hrisula Kiprijanovska
3.	Pomology II	3+2+2	6	Prof. Dr. Bojan Popovski
-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

Course	Lectures load	Number of ECTS	Lecturer
Fruit Processing	3+2+2	6	Prof. Dr. Ljubica Karakashova
Ampelography II	3+2+2	6	Prof. Dr. Zvonimir Bozhinovikj
Soil Degradation and Protection	3+2+2	6	Prof. Dr. Tatjana Mitkova Asst. Prof. Dr. Mile Markoski
Technology of Alcoholic Beverages	3+2+2	6	Prof. Dr. Mihail Petkov

SEVENTH SEMESTER – Module VITICULTURE AND WINE PRODUCTION

Order number	Course	Lectures load	Number of ECTS	Lecturer
-compulsory courses				
1.	Ampelography I	3+2+2	6	Prof. Dr. Zvonimir Bozhinovikj
2.	Wine Technology	3+2+2	6	Prof. Dr. Mihail Petkov
3.	Vine Selection and Breeding	3+2+2	6	Prof. Dr. Petar Hristov
-elective courses (the student elects two courses from the FASF list of courses from the 7 th semester)				
4.			6	
5.			6	
Total			30	

FASF list of elective courses for the 7th semester

Course	Lectures load	Number of ECTS	Lecturer
Pomology I	3+2+2	6	Prof. Dr. Bojan Popovski
Harvesting and Post-Harvest Technologies of Fruits	3+2+2	6	Prof. Dr. Tosho Arsov
Table Grapes Production	3+2+2	6	Prof. Dr. Krum Boshkov
Fertirigation	3+2+2	6	Prof. Dr. Vjekoslav Tanaskovikj Prof. Dr. Ordan Chukaliev

EIGHT SEMESTER

Order number	Course	Lectures load	Number of ECTS	Lecturer
-compulsory courses				
1.	Ampelography II	3+2+2	6	Prof. Dr. Zvonimir Bozhinovikj
2.	Sensory Analysis of Processed Grape Products	3+2+2	6	Prof. Dr. Mihail Petkov
3.	Technology of Alcoholic Beverages	3+2+2	6	Prof. Dr. Mihail Petkov
-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

Course	Lectures load	Number of ECTS	Lecturer
Principles of Food Quality and Safety	3+2+2	6	Prof. Dr. Sonja Srbinovska Asst. Prof. Dr. Dushica Santa
Fruit Processing	3+2+2	6	Prof. Dr. Ljubica Karakashova
Pomology II	3+2+2	6	Prof. Dr. Bojan Popovski
Soil Degradation and Protection	3+2+2	6	Prof. Dr. Tatjana Mitkova Asst. Prof. Dr. Mile Markoski