

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
FOOD QUALITY AND SAFETY
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 – FOOD QUALITY AND SAFETY

FIRST SEMESTER

Order number	Course	Lectures load	Number of ECTS	Lecturer
-compulsory courses				
1.	Chemistry	3+2+2	6	Prof. Dr. Biljana Petanovska Ilievska Asst. Prof. Dr. Lenche Velkoska Markovska Asst. Prof. Dr. Mirjana S. Jankulovska
2.	Processing Equipment	3+2+2	6	Prof. Dr. Ile Canev
3.	Microbiology	3+2+2	6	Prof. Dr. Olga Najdenovska
-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.				
5.				
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
Human Resource Development	3+2+2	6	Prof. Dr. Dragi Dimitrievski
Statistics	3+2+2	6	Prof. Dr. Dragan Gjoshovski Asst. Prof. Dr. Ana Simonovska
Agrometeorology with Agroclimatology	3+2+2	6	Prof. Dr. Srebra Ilikj Popova
Pedology	3+2+2	6	Prof. Dr. Tatjana Mitkova Asst. Prof. Dr. Mile Markoski

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.	Basics of Livestock Production	3+2+2	6	Prof. Dr. Sreten Andonov
-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
Anatomy and Physiology of Farm Animals	3+2+2	6	Prof. Dr. Metodija Trajchev Asst. Prof. Dr. Dimitar Nakov

THIRD SEMESTER

Order number	Course	Lectures load	Number of ECTS	Lecturer
-compulsory courses				
1.	Analytical Chemistry	3+2+2	6	Prof. Dr. Biljana Petanovska Ilievska Asst. Prof. Dr. Lenche Velkoska Markovska Asst. Prof. Dr. Mirjana S. Jankulovska
2.	Biochemistry	3+2+2	6	Prof. Dr. Zoran Popovski
3.	Water and Soil Quality	3+2+2	6	Prof. Dr. Tatjana Mitkova Prof. Dr. Ordan Chukaliev Prof. Dr. Vjekoslav Tanaskovikj
-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
Cattle Production Technology	3+2+2	6	Prof. Dr. Gjoko Bunevski
Plant Physiology	3+2+2	6	Prof. Dr. Silvana Manasievska Simikj

FOURTH SEMESTER

Order number	Course	Lectures load	Number of ECTS	Lecturer
-compulsory courses				
1.	Feed Quality and Safety	3+2+2	6	Prof. Dr. Srekjko Gjorgjievski
2.	Principles of Food Quality and Safety	3+2+2	6	Prof. Dr. Sonja Srbinska Asst. Prof. Dr. Dushica Santa
3.	Wild Edible and Poisonous Plants	3+2+2	6	Prof. Dr. Elizabeta Miskoska Milevska
-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
Pig Production Technologies	3+2+2	6	Prof. Dr. Vlado Vukovikj
Quality Management	3+2+2	6	Prof. Dr. Mile Peshevski
Basics of Crop Production	3+2+2	6	Prof. Dr. Zvonko Pacanoski

FIFTH SEMESTER

Order number	Course	Lectures load	Number of ECTS	Lecturer
-compulsory courses				
1.	Genetically Modified Organisms	3+2+2	6	Prof. Dr. Zoran Popovski
2.	Basic Knowledge of Fruit Crops and Vegetables	3+2+2	6	Prof. Dr. Bojan Popovski Prof. Dr. Zvezda Bogevska
3.	Milk Technology and Dairy Products	3+2+2	6	Prof. Dr. Sonja Srbinska Asst. Prof. Dr. Dushica Santa
-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
Sheep and Goat Production Technology	3+2+2	6	Prof. Dr. Kocho Porchu
Knowledge of Grapes	3+2+2	6	Prof. Dr. Krum Boshkov
Specialized Field Crop Production	3+2+2	6	Prof. Dr. Zoran Dimov

SIXTH SEMESTER

Order number	Course	Lectures load	Number of ECTS	Lecturer
-compulsory courses				
1.	Fruit and Vegetable Processing	3+2+2	6	Prof. Dr. Ljubica Karakashova
2.	Processing of Field Crops	3+2+2	6	Prof. Dr. Dane Boshev Prof. Dr. Zoran Dimov
3.	Meat Technology and Meat Processing	3+2+2	6	Prof. Dr. Zlatko Pejkovski
-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
Phytopathology with Phytopharmacy	3+2+2	6	Prof. Dr. Rade Rusevski Prof. Dr. Biljana Kuzmanovska
Beekeeping with Honey Bee Products	3+2+2	6	Prof. Dr. Hrisula Kiprijanovska Asst. Prof. Dr. Aleksandar Uzunov
Entomology with Integrated Pest Management	3+2+2	6	Prof. Dr. Stanislava Lazarevska

SEVENTH SEMESTER

Order number	Course	Lectures load	Number of ECTS	Lecturer
-compulsory courses				
1.	Biological Hazards in Food	3+2+2	6	Prof. Dr. Metodija Trajchev
2.	Phytopharmacy	3+2+2	6	Prof. Dr. Stanislava Lazarevska Prof. Dr. Rade Rusevski Prof. Dr. Biljana Kuzmanovska Prof. Dr. Zvonko Pacanoski
3.	Wine Technology	3+2+2	6	Prof. Dr. Mihail Petkov
-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
Poultry Production Technology	3+2+2	6	Prof. Dr. Dragoslav Kocevski
Consumer Behaviour	3+2+2	6	Prof. Dr. Nenad Georgiev Asst. Prof. Dr. Marina Nacka
Malt and Beer Production	3+2+2	6	Prof. Dr. Dane Boshev

EIGHTH SEMESTER

Order number	Course	Lectures load	Number of ECTS	Lecturer
-compulsory courses				
1.	Technology of Alcoholic and Non-alcoholic Beverages	3+2+2	6	Prof. Dr. Ljubica Karakashova Prof. Dr. Krum Boshkov
2.	Chemical Hazards in Food	3+2+2	6	Prof. Dr. Biljana Petanovska Ilievska
3.	Hygiene and Sanitation in Food Processing Industry	3+2+2	6	Prof. Dr. Metodija Trajchev Asst. Prof. Dr. Dimitar Nakov
-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
Medicinal and Aromatic Plants	3+2+2	6	Prof. Dr. Zoran Dimov
Animal Health	3+2+2	6	Prof. Dr. Metodija Trajchev Asst. Prof. Dr. Dimitar Nakov
Costs and Budgets	3+2+2	6	Prof. Dr. Aleksandra Martinovska Stojcheska Asst. Prof. Dr. Ivana Janeska Stamenkovska
Marketing of Agricultural Products	3+2+2	6	Prof. Dr. Nenad Georgiev Asst. Prof. Dr. Marina Nacka