

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 FIELD CROP
PRODUCTION 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 FIELD CROP PRODUCTION

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 Field Crop Production | 3+2+2 | 6 | Prof. Dr. Dragi Tanevski |
| 3. | Chemistry | 3+2+2 | 6 | Prof. Dr. Biljana Petanovska Ilievska Asst. Prof. Dr. Mirjana S. Jankulovska Asst. Prof. Dr. Lenche Markovska |
| -elective courses (the student elcts two other courses from the FASF list of courses from the 1st semester besides the course in Sport and Health) | | | | |
| 4. | | | 6 | |
| 5. | | | 6 | |
| 6. | 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 |
|----------------------------|---------------|----------------|----------------------------------------------------------------|
| Processing Equipment | 3+2+2 | 6 | Prof. Dr. Ile Canev |
| Statistics | 3+2+2 | 6 | Prof. Dr. Dragan Gjoshevski Ass.t. 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. | Economics in Agriculture | 3+2+2 | 6 | Prof. Dr. Jovan Azderski |
| -elective courses (the student elcts two other courses from the FASF list of courses from the 2nd 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 |
| Principles 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 | 3+2+2 | 6 | Prof. Dr. Tatjana Mitkova Asst. Prof. Mile Markoski |
| 2. | Microbiology | 3+2+2 | 6 | Prof. Prof. Olga Najdenovska |
| 3. | Amelioration with Erosion Protection | 3+2+2 | 6 | Prof. Dr. Marija Vukelikj Shutoska |
| -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 |
|-----------------------------|---------------|----------------|--------------------------------------|
| Basic Greenhouse Production | 3+2+2 | 6 | Prof. Dr. Gordana Popsimonova |
| 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. | Principles of Field Crop Production with Agroecology | 3+2+2 | 6 | Prof. Dr. Zvonko Pacanoski |
| 2. | Principles of Irrigation | 3+2+2 | 6 | Prof. Dr. Ordan Chukaliev Prof. Dr. Vjekoslav Tanaskovikj |
| 3. | Plant Nutrition | 3+2+2 | 6 | Prof. Dr. Marina Stojanova |
| -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 | |

Commented [ET1]: На мк: Наводнување на поделелски култури

FASF list of elective courses for the 4th semester

| Course | Lectures load | Number of ECTS | Lecturer |
|----------------------------------|---------------|----------------|---------------------------------------|
| Fruit production | 3+2+2 | 6 | Prof. Dr. Tosho Arsov |
| Wild Edible and Poisonous Plants | 3+2+2 | 6 | Prof. Dr. Elizabeta Miskoska Milevska |

FIFTH SEMESTER

| Order number | Course | Lectures load | Number of ECTS | Lecturer |
|-------------------------------------------------------------------------------------------------------------------|--------------------------------|---------------|----------------|------------------------------|
| -compulsory courses | | | | |
| 1. | Industrial Crops | 3+2+2 | 6 | Prof. Dr. Zoran Dimov |
| 2. | Grain and Tuber Crops | 3+2+2 | 6 | Prof. Dr. Dane Boshev |
| 3. | Fodder Crops Production | 3+2+2 | 6 | Prof. Dr. Tatjana Prentovikj |
| -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 |
|------------------------------|---------------|----------------|------------------------------------------------------------|
| Viticulture | 3+2+2 | 6 | Prof. Dr. Krum Boshkov |
| 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. | Tobacco Production | 3+2+2 | 6 | Asst. Dr. Romina Kabranova |
| 2. | Grasslands | 3+2+2 | 6 | Prof. Dr. Tatjana Prentovikj |
| 3. | Selection of plants | 3+2+2 | 6 | Prof. Dr. Ljubomir Marinkovikj |
| -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 |
|--------------------------------------------------|---------------|----------------|------------------------------------------------------------|
| Outdoor Floriculture | 3+2+2 | 6 | Asst. Prof. Dr. Margarita Davitkovska |
| Soil Degradation and Protection | 3+2+2 | 6 | Prof. Dr. Tatjana Mitkova Asst. Prof. Dr. Mile Markoski |
| Beekeeping and Pollination of Agricultural Crops | 3+2+2 | 6 | Prof. Dr. Hrisula Kiprijanovska |

SEVENTH SEMESTER

| Order number | Course | Lectures load | Number of ECTS | Lecturer |
|--------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|---------------|----------------|----------------------------------------------------------|
| -compulsory courses | | | | |
| 1. | Quality and Processing of Tobacco Raw Material | 3+2+2 | 6 | Prof. Dr. Zlatko Arsov |
| 2. | Phytopathology with Phytopharmacy | 3+2+2 | 6 | Prof. Dr. Biljana Kuzmanovska Prof. Dr. Rade Rusevski |
| 3. | Management in field crop production | 3+2+2 | 6 | Prof. Dr. Mile Peshevski |
| -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 |
|--------------------------|---------------|----------------|--------------------------------------------------------------|
| Malt and Beer Production | 3+2+2 | 6 | Prof. Dr. Dane Boshev |
| Vegetable Production | 3+2+2 | 6 | Prof. Dr. Gordana Posimonova |
| Urban Horticulture | 3+2+2 | 6 | Asst. Prof. Dr. Zvezda Bogevska |
| Fertirigation | 3+2+2 | 6 | Prof. Dr. Ordan Chukaliev Prof. Dr. Vjekoslav Tanaskovikj |

EIGHT SEMESTER

| Order number | Course | Lectures load | Number of ECTS | Lecturer |
|--------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|---------------|----------------|------------------------------------------------|
| -compulsory courses | | | | |
| 1. | Entomology with Integrated Pest Management | 3+2+2 | 6 | Prof. Dr. Stanislava Lazarevska |
| 2. | Technology of Tobacco Products | 3+2+2 | 6 | Prof. Dr. Zlatko Arsov |
| 3. | Processing of Field Crops | 3+2+2 | 6 | Prof. Dr. Dane Boshev Prof. Dr. Zoran Dimov |
| -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 Spice Plants | 3+2+2 | 6 | Prof. Dr. Zoran Dimov |
| Bussines Analysis | 3+2+2 | 6 | Prof. Dr. Aleksandra Martinovska Stojcheska Asst. Prof. Dr. Ivana Janeska Stamenkovska |
| Marketing of Agriculture Products | 3+2+2 | 6 | Prof. Dr. Nenad Georgiev Asst. Prof. Dr. Marina Nacka |
| Food quality and safety principles | 3+2+2 | 6 | Prof. Dr. Sonja Srbinovska Asst. Prof. Dr. Dushica Santa |