



ADIYAMAN UNIVERSITY
FACULTY OF AGRICULTURE
PLANT PROTECTION
DEPARTMENT
INTRODUCTORY BOOKLET

2006

2021-2022

CONTENTS

- Our Department
- Mission & Vision
- Importance of Plant Protection Department
- Why Department of Plant Protection?
- Job Opportunities of Our Graduates
- Our Highest and Lowest Scores by Central Placement Scores
- Our Lesson Catalogue
- Our Activities

2006

Our Department

Our faculty was established under the name of Faculty of Agricultural Sciences and Technologies with the decision of the Council of Ministers dated 25 May 2015 and numbered 2015/7723 and started to admit students to the Agricultural Engineering Program in 2017-2018. With the decision taken at the Higher Education General Assembly Meeting dated 26.05.2021, the way of student admission to our Faculty was changed from 2021-2022 and it was decided to admit students to the Plant Protection Department. Accordingly, direct student admission to the Plant Protection Department has started in the 2021-2022 academic year. In addition, the name of our Faculty, which was "Faculty of Agricultural Sciences and Technologies", was changed to "Faculty of Agriculture" with the Presidential Decision dated 06.02.2021 and numbered 3519.

Head of Department

Assoc. Prof. Mahmut İSLAMOĞLU

Deputy Head of Department

Asist. Prof. Meltem AVAN

Academic Staff

Department of Plant Protection

Assoc. Prof. Mahmut İSLAMOĞLU

Asist. Prof. Meltem AVAN

Asist. Prof. Şaban KARAAT

Ass. Dr. Mehmet ATAY

• Mission & Vision

Mission

To train "Agricultural Engineers" who are modern, equipped with professional knowledge and skills for the solution of plant protection problems in agricultural production, have advanced research and problem-solving skills, are sensitive to the environment and adhere to ethical rules.



Vision

To be an academic institution that has developed academic ties with the national and international scientific world in the field of Plant Protection, comprehended the realities of the age in education and training, gained its corporate identity, is sensitive to the environment, produces information and technology, and supports national development and development.

Importance of Plant Protection Department

In order to provide sufficient food to the increasing world population, it is necessary either to increase the arable land or to get the maximum efficiency from the cultivated areas. The use of new arable land has reached the highest level in our country and in the world. It is no longer possible to acquire new agricultural lands. On the contrary, it is seen that arable agricultural areas are gradually decreasing with the increase in population, the misuse of agricultural lands and the development of industry.

In order to obtain more efficiency from limited agricultural areas, it is necessary to make successful methods of combating diseases and pests in agriculture. Today, agricultural activities such as irrigation, hoeing and fertilization using traditional methods are not sufficient in plant production, and modern agricultural techniques, sufficient knowledge and conscious practices are needed to obtain quality and healthy products. Agricultural Engineers with this equipment are trained in the Plant Protection department.

Why Plant Protection Department?

In the face of the increasing world population, the most important aim of agriculture is to obtain abundant and high quality products. Under the leadership of this aim, Agricultural Engineers, who have the knowledge and equipment to control pests and diseases that cause losses in agricultural products with the most appropriate and advanced methods, and who can lead the environment, are to be trained in Plant Protection departments. In addition, Plant Protection departments contribute to agricultural activities and scientific publications in the region, region, country and the world by adapting new techniques and methods to education and research activities.

2006

Job Opportunities of Our Graduates

Plant Protection Department Graduates, with the knowledge and skills they have acquired during their education,

- Ministry of Agriculture,
- Provincial Directorate of Agriculture,
- Quarantine Directorate,
- In public areas such as Agricultural Protection and Research Institutes,
- They can continue their careers in plant protection departments in agriculture faculties,
- Agrochemical companies (in production, sales and marketing departments),
- In addition, seed, biological control, pesticide companies, companies specializing in plant protection logistics and greenhouses,
- Opening a pesticide dealership is also an option for graduates who want to start their own business,
- Consulting (such as establishing a company),

- Graduates who are experts in their fields can establish their own consultancy firms.



Our Highest and Lowest Placement Scores by Central Placement

According to the ÖSYS placement results announced by the Measurement, Selection and Placement Center Presidency in 2021, the students were placed in our department with the highest score of **286,69656**, while the students with the lowest score of **211,33245** were placed. 22 of the 30 student quotas opened in total have been filled. **72** students continue their education in our department.

2006

Our Lesson Catalogue

1.SEMESTER						
Lesson Code	Lesson Title	Weekly Class Hours			AKTS Credit	Type of Lesson
		Teoric	Technics	Credit		
AİİT101	Ataturk's Principles and History of Turkish Revolution I	2	0	2	2	Compulsory
ENF101	Basic Information Technologies	2	2	3	4	Compulsory
TD101	Turkish Language I	2	0	2	2	Compulsory
YD101	Foreign Language I	2	0	2	3	Compulsory
ZMP101	Botanical	2	2	3	4	Compulsory
KİM101	Chemical	2	2	3	4	Compulsory
MTK101	Maths	2	0	2	4	Compulsory
FZ101	Physical	2	0	2	3	Compulsory
ZMP103	Zoology	2	2	3	4	Compulsory
Total		18	8	22	30	
2. SEMESTER						
Lesson Code	Lesson Title	Weekly Class Hours			AKTS Credit	Type of Lesson
		Teoric	Technics	Credit		
AİİT102	Ataturk's Principles and History of Turkish Revolution II	2	0	2	2	Compulsory
TD102	Turkish Language II	2	0	2	2	Compulsory
YD102	Foreign Language II	2	0	2	3	Compulsory
ZBK102	General Microbiology	2	2	3	5	Compulsory
ZMP102	Plant Physiology	2	0	2	4	Compulsory
ZMP104	Agricultural Ecology	2	0	2	4	Compulsory
ZMP106	General Economy	2	0	2	3	Compulsory
ZMP108	Measurement Information	1	2	2	4	Compulsory
ZMP110	Meteorology	2	0	2	3	Compulsory
Total		17	4	19	30	
3. SEMESTER						
Lesson Code	Lesson Title	Weekly Class Hours			AKTS Credit	Type of Lesson
		Teoric	Technics	Credit		
ZBK201	Statistics	2	0	2	3	Compulsory
ZBK203	Soil Information	3	0	3	4	Compulsory
ZBK205	Agricultural Machinery	2	0	2	3	Compulsory
ZBK207	Genetic	2	0	2	3	Compulsory
ZBK209	Garden Plants	3	0	3	4	Compulsory
ZBK211	Plant Nutrition	3	0	3	4	Compulsory
ZBK213	Occupational Health and Safety	2	0	2	3	Compulsory
	Optional Lesson 1 (Faculty Optional Lessons)	2	0	2	3	Optional
	Optional Lesson 2 (In department)	2	0	2	3	Optional
Total		21	0	21	30	
	Faculty Optional Lessons (Optional Lesson 1)					
ZBK215	Cultivated Mushroom Cultivation	2	0	2	3	Optional
ZBK217	Soil and Water Conservation	2	0	2	3	Optional
ZBK219	Soilless Growing Media	2	0	2	3	Optional
	In deprtment (Optional Lesson 2)					
ZBK221	Environmental Pollution in Agriculture	2	0	2	3	Optional
ZBK223	World of Insects	2	0	2	3	Optional
ZBK225	Agricultural History and Deontology	2	0	2	3	Optional

4. SEMESTER						
Lesson Code	Lesson Title	Weekly Class Hours			AKTS Credit	Type of Lesson
		Teoric	Technics	Credit		
ZBK202	Entomology	2	2	3	4	Compulsory
ZBK204	Phytopathology	2	2	3	4	Compulsory
ZBK206	General Pests	2	0	2	3	Compulsory
ZBK208	Irrigation	2	0	2	3	Compulsory
ZBK210	Farm Plants	2	0	2	4	Compulsory
ZBK212	Laboratory Technique	2	2	3	4	Compulsory
ZBK214	Animal Breeding	2	0	2	2	Compulsory
	Optional Lesson 3 (Faculty Optional Lessons)	2	0	2	3	Optional
	Optional Lesson 4 (In department)	2	0	2	3	Optional
Total		18	6	21	30	
	Faculty Optional Lessons) (Optional Lesson 3)					
ZBK216	Entrepreneurship	2	0	2	3	Optional
ZBK218	Apiculture	2	0	2	3	Optional
ZBK220	Fertilizers and Fertilization	2	0	2	3	Optional
	In department (Optional Lesson 4)					
ZBK222	General Principles of Taxonomy	2	0	2	3	Optional
ZBK224	Plant Protection in Organic Agriculture	2	0	2	3	Optional
ZBK226	Certification and Quarantine	2	0	2	3	Optional
5. SEMESTER						
Lesson Code	Lesson Title	Weekly Class Hours			AKTS Credit	Type of Lesson
		Teoric	Technics	Credit		
ZBK301	Applied Entomology I	2	2	3	4	Compulsory
ZBK303	Plant Bacteriology	2	2	3	4	Compulsory
ZBK305	Nematology	2	0	2	3	Compulsory
ZBK307	Environmental Health Pests and Control	2	0	2	3	Compulsory
ZBK309	Plant Virology	2	0	2	4	Compulsory
ZBK311	Mycology	2	2	3	4	Compulsory
ZBK313	Vocational Practice I	0	4	2	2	Compulsory
	Optional Lesson 5 (Faculty Optional Lessons)	2	0	2	3	Optional
	Optional Lesson 6 (In department)	2	0	2	3	Optional
Total		16	10	21	30	
	Faculty Optional Lessons) (Optional Lesson 5)					
ZBK315	Seedling and Sapling Growing	2	0	2	3	Optional
ZBK317	Medicinal and Aromatic Plants Cultivation	2	0	2	3	Optional
ZBK319	Seafood Breeding	2	0	2	3	Optional
ZBK321	Soil Fertility	2	0	2	3	Optional
	In department (Optional Lesson 6)					
ZBK323	Abiotic Diseases	2	0	2	3	Optional
ZBK325	Biotechnology in Plant Protection	2	0	2	3	Optional
ZBK327	General Principles of Organic Agriculture	2	0	2	3	Optional
ZBK329	Vocational English	2	0	2	3	Optional
6. SEMESTER						
Lesson Code	Lesson Title	Weekly Class Hours			AKTS Credit	Type of Lesson
		Teoric	Technics	Credit		
ZBK302	Phytoclinic	2	2	3	3	Compulsory

ZBK304	Herbology	2	0	2	2	Compulsory
ZBK306	Acarology	2	2	3	3	Compulsory
ZBK308	Internship	0	0	0	8	Compulsory
ZBK310	Applied Entomology II	2	2	3	3	Compulsory
ZBK312	Vocational English II	0	4	2	2	Compulsory
	Optional Lesson 7 (Faculty Optional Lessons)	2	0	2	3	Optional
	Optional Lesson 8 (In department)	2	0	2	3	Optional
	Optional Lesson 9 (In department)	2	0	2	3	Optional
Total		14	10	19	30	
	Faculty Optional Lessons) (Optional Lesson 7)					
ZBK314	Research and Trial Methods	2	0	2	3	Optional
ZBK316	Soil, Plant, Water Relationships	2	0	2	3	Optional
ZBK318	Good Agricultural Practices	2	0	2	3	Optional
	In department (Optional Lesson 8-9)					
ZBK320	Insect Ecology	2	0	2	3	Optional
ZBK322	Pesticide Residues and Resistance	2	0	2	3	Optional
ZBK324	Vegetables and Ornamental Plants Pests	2	0	2	3	Optional
ZBK326	Vegetable and Ornamental Plants Diseases	2	0	2	3	Optional
ZBK328	Greenhouse Plant Diseases	2	0	2	3	Optional
ZBK330	Greenhouse Plant Pests	2	0	2	3	Optional

7. SEMESTER

Lesson Code	Lesson Title	Weekly Class Hours			AKTS Credit	Type of Lesson
		Teoric	Technics	Credit		
ZBK401	Pesticides	2	2	3	4	Compulsory
ZBK403	Plant Parasite Nematodes and Control	2	2	3	4	Compulsory
ZBK405	Plant Fungal Diseases	2	2	3	4	Compulsory
ZBK407	Plant Virus Diseases	2	2	3	4	Compulsory
ZBK409	Industrial Plant Pests	2	2	3	3	Compulsory
ZBK411	Graduation Project I	0	4	2	3	Compulsory
ZBK 413	Vocational Practice III	0	2	2	2	Compulsory
	Optional Lesson 10 (In department)	2	0	2	3	Optional
	Optional Lesson 11 (In department)	2	0	2	3	Optional
Total		14	16	23	30	
	Bölüm İçi (Seçmeli Ders 10- 11)					
ZBK415	Spraying Tools and Machines	2	0	2	3	Optional
ZBK417	Warehouse Pests	2	0	2	3	Optional
ZBK419	Warehouse Diseases	2	0	2	3	Optional
ZBK421	Herbal Clinics I	2	0	2	3	Optional

8. SEMESTER

Lesson Code	Lesson Title	Weekly Class Hours			AKTS Credit	Dersin Türü
		Teoric	Technics	Credit		
ZBK402	Weeds and Their Control	2	2	3	3	Compulsory
ZBK404	Fruit and Vineyard Pests	2	2	3	4	Compulsory
ZBK406	Field Crops Pests	2	2	3	4	Compulsory
ZBK408	Agricultural Control Methods	2	2	3	4	Compulsory
ZBK410	Field Crops Diseases	2	2	3	4	Compulsory
ZBK412	Graduation Project II	0	4	2	3	Compulsory
ZBK414	Vocational Practice IV	0	2	2	2	Compulsory
	Optional Lesson 12 (In department)	2	0	2	3	Optional
	Optional Lesson 13 (In department)	2	0	2	3	Optional
Total		14	16	23	30	

	In department (Optional Lesson 12 – 13)					
ZBK416	Plant Bacterial Diseases	2	0	2	3	Optional
ZBK418	Subtropical Fruit Pests	2	0	2	3	Optional
ZBK420	Subtropical Fruit Diseases	2	0	2	3	Optional
ZBK422	Herbal Clinics II	2	0	2	3	Optional

Plant Protection Department Activities

In our department, besides theoretical education and training, applied education and training are also provided. For this purpose; In our department, the applications of the courses given during the education period are carried out at Adiyaman University Agricultural Application and Research Center in **Hasancık village**, in the one-year plant production area, orchard, farmer's lands in the Kâhta campus where the Faculty of Agriculture is located. In addition, various social activities are organized among the students of our department.

FACULTY OF AGRICULTURE
PLANT PROTECTION DEPARTMENT

Address

Adiyaman University (ADYU)
Faculty of Agriculture
Department of Plant Protection
Menderes Mahallesi Horik Mevkii
02040, Kahta / ADIYAMAN

Phone: +90 (416) 725 81 50 -51

Fax: +90 (416) 724 77 92

Internet: <https://ziraat.adiyaman.edu.tr/>