1. Brief History

With a rich historical profile dating back to Halkali High Agriculture School established in 1891 Ankara University Faculty of Agriculture was established in 1933 under the name of Ankara Advanced Research Institute and became one of the main academic bodies of Ankara University in 1948. As unique educational and scientific institution of Turkey until 1955, Ankara University Faculty of Agriculture had a significant role in the education and training achievements of many agricultural researchers and scientists for the decades and also contributed the establishments and the developments of agricultural faculties of Ege, Atatürk and Çukurova Universities, as a leading faculty.

2. Introduction

Carrying out educational and research activities with a large academic staff, Ankara University Faculty of Agriculture consists of 11 departments including well-equipped laboratories and greenhouses infrastructures. Moreover the faculty offers suitable atmospheres i.e. libraries, computer rooms, sports fields and tennis courts for studying, relaxing and social needs of the students. The faculty has three diploma programs, Agricultural Engineering, Fisheries Engineering and Landscape Architecture and serves diverse education and research facilities for the students. To date, over 23000 students have been graduated from the faculty and become experts in the different arenas of agriculture related sciences. The staff members of the faculty published hundreds of textbooks, thousands of researches, reviews and articles. With a huge campus area of approximately 550 decares, four experimental research stations and strong academic staff and administrative staff, Ankara University Faculty of Agriculture is one of the pioneer educational and scientific institutions of Turkey. The main yearly activities held in the faculty are Orientation to University Life, Student Congress, Career Day, Cansuyu Festival, Harvest Festival, Grape Harvest and Sports Festival. Thanks to its strategical location, the faculty has strong communication and cooperation with the main offices and branches of public, private sector and non-governmental organizations located in Ankara.

Why Ankara University Faculty of Agriculture?

- First agriculture faculty of Turkey,
- High numbers in international project partnerships,
- Leading role in agricultural education,
- Diverse educational, scientific and social infrastructures,
- Deep rooted history in education and science in the country
- Experiences and wise academic staff,
- Opportunities for lateral education
- International student exchange programs worldwide
## Academic Staff

<table>
<thead>
<tr>
<th>Department</th>
<th>Prof.</th>
<th>Assoc.Prof.</th>
<th>Asisitant</th>
<th>Research Assisant</th>
<th>Lecturer</th>
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Foreign National included
3. International Relationships and Programs

In the frames of bilateral agreements signed with many different international universities and institutes, Ankara University Faculty of Agriculture offers many short- and long-term exchange opportunities to the students and mobility programs to the academic staff members. In that respect, the students can take advantages of various international programs such as Erasmus Lifelong Learning (LLP), International Summer School, Mevlana Exchange Program, Glocal Age 2020 etc. Please go through http://iso.en.ankara.edu.tr/ for more information. The faculty conducts student and staff exchange activities with the agriculture faculties and schools of many different countries i.e. China (Shanghai Vocational College of Agriculture and Forestry), Japan (Niigata University), Canada (Saskatchewan University), Portugal (University of Lisbon) and Serbia (Belgrad University).

4. Departments

- **Horticulture**

The department of Horticulture is composed of four sections including fruit, grapevine, vegetable and ornamental plants growing and breeding.

The aim of the program is to give theoretical and practical education on growing techniques, propagation, breeding, physiology, biotechnology, seed science and technology, protected cultivation systems and postharvest physiology of horticultural plants.

The program offers students a broad understanding of all aspects of horticultural production for the improvement of plant growth, yield, quality, nutritional properties and resistance traits. In this concept basic knowledge on biology, morphology and physiology of horticultural plants, ecological requirements are provided. These are further supported with growing and breeding techniques involving classical and modern approaches.

- **Plant Protection**

The Department of Plant Protection consists of two divisions: Entomology and Plant pathology. In the department; studies on the identification, symptoms, distribution, biology, bioecology and control of pests, mites, nematodes, other animal pests and plant pathogenic fungi, bacteria, viruses and weeds are carried out. In addition, theoretical and practical trainings and research projects are conducted on pathogen interactions, effects of chemical plant protection products on environment and human beings, mechanical, chemical, physical and biological control methods against diseases and pests.

- **Landscape Architecture**

The program at the Department of Landscape Architecture is dedicated to both education and research on conservation and development of natural resources, cultural heritage, and landscape features, mitigation of environmental problems caused by agricultural, industrial and urban activities, and analysis and assessment of data on natural, cultural and socio-economic environment. In addition, studies on planning, design and management of the environment with scientific and aesthetic principles are carried out, which aim to promote public health and safety.
• **Fisheries and Aquaculture**

The Department of Fisheries and Aquaculture offers education in both Turkish and English. In this department, education and researches are conducted on subjects such as nutrition, disease, genetics and breeding, fish biology, fish anatomy, plankton and aquatic plants; within the scope of aquaculture. In addition, basic limnological and oceanographic data related to inland waters and seas are monitored and activities focused on sustainable aquaculture and fisheries are carried out in the department.

• **Dairy Technology**

In this department, theoretical and practical lectures are given related to healthy milk production, transportation of produced milk to factories under convenient conditions, processing of dairy products such as drinking milk, cheese, yoghurt, butter etc., producing biological and engineering systems for dairy studies thus enabling the production of milk and dairy products complying with national and international standards. In addition, researches are done in the fields of technical facilities that are utilized for the processing of milk into dairy products and their by products, establishment and organization of dairy industry, utilization of milk waste products, analytical and microbiological analyses of milk and dairy products.

• **Agricultural Economics**

The Department of Agricultural Economics consists of two divisions: Agricultural Management and Agricultural Policy and Extension. The department offers courses and research opportunities on farm planning, farm management, agricultural finance, farm accounting, agri-business, agricultural marketing, agricultural cooperatives, agricultural law, agricultural policy, rural sociology, entrepreneurship, rural development, agricultural industry, agricultural extension and communication. The department also seeks solutions to agricultural problems using the basic principles of economics.

• **Agricultural Machinery and Technologies Engineering Department**

In the Department of Agricultural Machinery and Technologies Engineering, education, training and research are carried out in the fields of design and manufacture of tools, machines and systems used in agricultural production, management of agricultural machinery and energy use in agriculture. In this context; soil tillage machines, sowing, hoeing and fertilizing machines, irrigation machines, spraying machines, harvesting and threshing machines, machinery and systems used in post-harvest processes, machinery and systems used in animal husbandry, renewable energies such as solar and wind, greenhouse mechanization and technological applications, cooling in agriculture and drying techniques, and the use of technology in agriculture, as well as precision agricultural applications based on information technologies that optimize the use of inputs in agriculture.

• **Agricultural Structures and Irrigation**

The Department of Agricultural Structures and Irrigation provides theoretical and practical training in the sustainable use and development of agricultural land and water resources, irrigation of
agricultural plants and recreational areas, land drainage and reclamation, storage structures for agricultural products, barns, poultry and greenhouse construction and maintenance, and rural settlement planning.

- **Field Crops**

In Field Crops Department; theoretical and practical courses on cereals and legumes, industrial crops, forages, meadow and pasture crops, variety development and breeding, plant biotechnology, organic agriculture, sustainable agriculture and plant genetic resources which are of economic importance in our country and in the world are given and researches are conducted on these subjects.

- **Soil Science and Plant Nutrition**

The main courses including theoretical and practical training activities are soil formation and development processes, soil classification, soil physics, chemistry and biology, soil survey and mapping, soil erosion and conservation techniques, soil reclamation and remediation, environmental pollution, soil fertility, plant nutrition and fertilization, plant physiology, soil and plant analysis, sustainable land management.

- **Animal Science**

Academisions has undertaken important duties in transferring the applications of animal husbandry activities to the students and animal farmers by using knowledge and technological innovations in order to increase future income from animal farming.

The vision of the Department of Animal Science is to graduate well educated and trained students with life skills and knowledge to serve the farmers who produce farm animals and products to achieve economically viable, socially acceptable, and environmentally sustainable animal farming systems.

Providing qualified knowledge required by sectors based on agriculture by producing national and international disciplined projects that clearly demonstrate animal production problems in both private and public enterprises while carrying out qualified education in the direction of contemporary information and technologies to graduate students:

- with basic knowledge of animal biology,
- with comprehensively trained in animal science,
- to assist animal and animal product producers,
- with knowledge of sustainable and environmentally friendly animal farming practices,
- with knowledge of technology to produce desirable, safe, and nutritious animal-derived foods.
**Agricultural Sciences**
The program offers undergraduate level education in Agricultural sciences including a broad spectrum of up-to-date subjects of the agricultural sciences such as crop science, horticulture, land, soil and water management in agricultural sciences, agricultural economics, agricultural mechanization, animal husbandry and breeding, plant nutrition, plant protection and irrigation and drainage. Also includes food and dairy technologies, which are directly supporting topics to agricultural food production. The language of the program of Agricultural Sciences is English and it accordingly provides opportunity for international students to have university education in the Agricultural Faculty and seeks to have graduates, who keep up with the updated international developments.

**Social Life**

**Libraries**
The Muhlis Erkmen Learning Center is in the service of the student for 24 hours a year and provides access to huge numbers of online books, academic journals, research databases as well has hardcopies of many books and academic journals in agricultural sciences. In addition, the departments of the faculty has library and reading room units to motivate students on their own studies and interests.

**IT Facilities**

IT rooms are open at office hours during the semester. Students can Access freely to these rooms using their student ID cards.

**Sports**
The faculty offer both indoor (basketball) and outdoor (tennis) sport facilities to the students and staff members all the time.

**Food Services**
The faculty has two restaurants for the students and faculty staff members. In addition, there are five canteens and one student clup in the faculty campus.

**The Museum**
The museum of Ankara University Faculty of Agriculture iwas opened on the 21st November 2007.

The museum presents 75 years of the Faculty, as well as objects related to its contribution to education, science and society. The museum is the first and unique in terms of theme in Turkey.

**Student Dormitories**

In the campus, Yildirim Beyazit dormitories for female students and for male students are present.
Social and Cultural Activities

- **Orientation week (for first year undergraduate students)**
  This week gives the perfect opportunity to students to explore the Faculty campus and meet other students and lecturers, provide information about the faculty and university facilities.

- **Career Day**
  The Faculty welcomes the professionals from the Agricultural sector in which useful information is given to students to thrive and succeed in their personal and academic endeavours.

- **Student Congress**
  The annual student congress is held to provide students the opportunity to organise, present and discuss the issues about agriculture in order to gain experience in a scientific platform.

- **“Cansuyu” festival**
  A series of events and activities (putting performances on stage ranging from dancing to singing, hosting music groups) are performed for students and staff by making them experience unforgettable moments. Additionally, the stands opened by students attract a lot of attention with home made items.

  – **Harvest Day Festival**
    In Haymana Research and Experimental Farm, wheat is traditionally harvested during the harvest festival celebrated with enthusiasm for the harvest each year.

  – **Vintage Festival**
    Grape harvest is performed at the vineyard in our Kalecik Viticulture Research Station. The grapes collected are crushed and boiled in molasses and the guests attending the event are served with the grapes harvested.

  – **Sport Festival**
    Sports competitions are organized among the Departments of our Faculty and awards are given to the winners during the festival week.

Faculty Map
1. Dekanlık
2. Tarım Ekonomisi
3. Zooteknisi
4. Süt Teknolojisi
5. Spor Alanları
6. Yenilik Mimarlığı
7. Spor salonu
8. Tarım Makineleri ve Teknolojileri
9. Su Ürünleri
10. Tiyatro salonu
11. Bahçe Baskıları
12. İğne Koruma
13. Tarımsal Yollar ve Sulama
14. Toprak Bilimi ve İğne Besleme
15. Sosyal Tesisler ve Müze
16. Tarla Baskıları
17. Tenis Kortu

Ankara Üniversitesi
Ziraat Fakültesi