

## **General Information**

Animal Production and Technologies Department was established in 2011. Its undergraduate and graduate programs were launched in the 2016-2017 academic year, fall semester. The department consists of 3 divisions as Animal Husbandry and Technologies, Animal Nutrition and Feed Technology, Farm Management and Business. In the department 4 Professors and, 1 Associate Professor and 3 Assistant Professors are currently employed. A number of projects supported by The Scientific and Technology Research Council of Turkey (TUBITAK), General Directorate of Agricultural Research and Planning (TAGEM), Konya Plain Project (KOP) and international projects are carried out by the academic staff of our department.

In Animal Production and Technologies Department, there are 5 classrooms, 3 fully equipped department laboratories and other 16 laboratories commonly used with other departments located in Agricultural Sciences and Technologies Faculty. Also library, seminar and study hall, computer laboratory, student clubs room and photocopy room are located in the Faculty building. As practice infrastructure facilities in the department, dairy and fattening cattle, small ruminant, poultry and bee keeping unites modern and equipped with latest technological systems are present.

## **Aims and Objectives**

### **Aims**

- To train undergraduate students who have diploma from Zootechnics and Animal Production and Technologies Departments to become qualified as scientist who can able to plan R&D activities and can contribute in animal production both in national and international levels.
- To train Agricultural Engineers who is well equipped to contribute knowledge and produce solutions for problems by using newest information and technological developments to farmers and both private and public organizations after their graduation
- To plan and conduct researches to contribute the development of animal production and production of healthy and high quality animal products in both national and international level

### **Objectives**

- To be well known department for its high quality training and research activities in the field of animal production in the platform of national and international
- To plan and conduct R&D activities to contribute animal production science as regional, national and internationally levels.
- To be able to produce solutions in the field of animal production

- To be innovator and able to produce original knowledge and to be able to establish permanent relationships with its stakeholders
- To be a department to respect for universal values, be adopted to total quality management, to be constantly evolving, to have a broad vision and to transmit knowledge and technology produced via R&D to farmers and related sectors.

### **Qualification Awarded**

Upon successful completion of this program, students are awarded with the qualification of MASTER OF SCIENCE DEGREE in Animal Production and Technologies.

### **Level of Qualification**

Master's Degree with thesis in Animal Production and Technologies Department is a two-year (4 semesters) program with 120 ECTS credits. The program meets the requirements both for ECTS credits and level descriptors of the "Second Cycle" degree qualifications of the Overarching Framework of European Qualifications Framework HE (QF-EHEA) and the "7th Level" qualifications of the Turkish Qualifications Framework for HE (TYYÇ, NQF-HETR), as well as the "7th Level" requirements of the qualifications of the European Qualifications Framework for Lifelong Learning (EQF-LLL) in terms of the level descriptors.

### **Specific Admission**

Admission requirements are determined in line with the regulations set by Higher Education Council of Turkey. Information on application for Master programs and access requirements are announced on the web page of the university at the beginning of each academic year. The following requirements are applied for both national and foreign students:

- a. To have a First Cycle (BSc) degree in Animal Production and Technologies Department or Zootechnics or Animal Production Departments of Agriculture Faculty.
  - b. In numerical grade system to have with minimum score of 60 from ALES (Entrance Exam for Academic Personnel and Postgraduate Education) or equivalent score from GRE exam.
  - c. The candidates with a Bachelor's Degree from abroad must have the certificate of equivalence from the Council of Higher Education (YOK).
- To have a foreign language proficiency from national exams such as YDS (Foreign Language Proficiency Test), UDS (The Interuniversity Foreign Language Examination) or KPDS (The Foreign Language Examination for Civil Servants) or from international exams such as TOEFL (Test of English as a Foreign Language) accepted by Interuniversity Board. Students who do not have foreign language proficiency might apply yet their foreign language score is evaluated as 0.
  - ALES score is valid for 3 years after exam results announced. However, there is no requirement to enter ALES again for candidates applying for masters-doctorate-arts

proficiency programs after maximum one semester interrupt from completing master's education or after having been disengaged with her/his will

- The conversion table of the Higher Education Council is taken as basis for the grade 100 system equivalents of the grades of those who have a graduation average score on the basis of 4 in the coefficient system.
- The candidates must apply in personally. The applications with incomplete documents will not be evaluated.
- For further and detailed information please visit General Admission Requirements and Registration Procedures in the menu items of the Information on the Institution. For further information on the admission requirement for foreign students, please contact to Niğde Ömer Halisdemir University International Office.

**Contact:**

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**Web:** <http://www.ohu.edu.tr/uluslararasi/index.php?ln=en>

**Specific Arrangements for Recognition of Prior Learning**

With an understanding of lifelong learning, Niğde Ömer Halisdemir University recognizes the previously taken courses in another institution and exempts them from graduation credit, as long as the courses match with the learning outcomes of the registered Master's Degree (Second Cycle) programme in Animal Production and Technologies Department at Niğde Ömer Halisdemir University.

**Profile of the Programme**

Animal Production and Technologies Department was established to provide a high-quality program to follow and to learn about the latest technologies and at the same time to ensure the participation of applied and theoretical research. Master's Degree program is prepared in accordance with the understanding of a joint training strategy and gain experience with practicing.

The program includes primarily fields of Animal Husbandry, Animal Nutrition and Feed Technology, Farm Management and Business. For this reason, it aims to gain skills of application of agriculture engineering knowledge to animal production problems, understanding the different areas of animal production, to specialize at least in the one field of Master's degree program of Animal Production and Technologies and to gain skills in the art of creative and connective design.

Master's Degree program in Animal Production and Technologies Department ("Second Cycle" in QFEHEA and "7th Level" in TYYÇ ) is an academically-oriented program giving access to degree and non-degree research programs and professional practice demanding advanced levels of knowledge, skills and competencies. The program can be classified in regards to ISCED (The International Standard Classification of Education) 2011 and NQF-HETR (The Turkish Qualifications Framework for HE) profiles and fields of education as follows:

- ISCED Field of Education:62 – Agriculture, Forestry and Fishery
- ISCED 2011 Level: 7, Orientation (Profile): 64, Subcategory: 645- Academically oriented "second cycle"
- NQF-HETR Field of Education: 62 - Agriculture, Forestry and Fishery
- NQF-HETR Profile of Education: Academically-oriented "second cycle"

### **Learning and Teaching Methods**

The most frequently used instructional methods of the educational programs of Niğde Ömer Halisdemir University are given below. Programmes commonly apply these methods as appropriate instructional approaches in accordance with their aims and objectives. The instructional methods applied for achieving the goal of meeting the expected learning outcomes of the Master's Degree program in Animal Production and Technologies Department program at large are indicated in the section of 'program learning outcomes', and those methods utilized for individual course units are indicated in the relevant section of "description of individual course unit".

Learning and Teaching Methods; Lecture & In-Class Activities, Field Surveying, Group Work, Laboratory, Reading, Assignment (Homework), Project Work, Seminar, Implementation/Application/Practice, Thesis Work, Field Study, Report Writing

### **Occupational Profiles of Graduates with Examples**

Students who will graduate from Animal Production and Technologies can be employed in the public sector relevant to agriculture such as Ministry of Food, Agriculture and Livestock, Ministry of Forestry and Water Management and Ministry of Industry and Trade; The Central Union of Turkish Agricultural Credit Cooperatives, General Directorate of Agricultural Enterprises, private and public organizations related agriculture, agricultural production enterprises, Private and public Universities, producer associations related to agriculture, private and public banks, analysis laboratories and organic agriculture enterprises etc. They can also establish their own enterprises on agricultural production, consulting, etc.

### **Qualification Requirements and Regulations**

Master's Degree program (second cycle) in Animal Production and Technologies Department is awarded to students who have scored a Cumulative Grade Point Average (CGPA) of not less than 2.50 /4.00, defended his/her thesis successfully, and have completed all the courses

(120 ECTS) with at least a letter grade of CB or S in the program. For detailed information: Please see "Niğde Ömer Halisdemir University's Rules & Regulations for Graduate Education"

### **Access to Further Studies**

Upon successful completion of this programme, students may apply to doctorate (third cycle) degree programmes in or related fields of Animal Production and Technologies Department.

### **Examination Regulations, Assessment and Grading**

The methods applied for assessment of the achievement of the expected program learning outcomes for the entire Second Cycle program of Animal Production and Technologies Department are shown below and those for the individual course units are given in the relevant section of the course description with their contribution to the final grades.

Lecture & In-Class Activities,  
Field Surveying,  
Group Work,  
Laboratory,  
Reading,  
Assignment (Homework),  
Project Work,  
Seminar,  
Internship,  
Technical Visit,  
Implementation/Application/Practice,  
Practice at a workplace,  
Thesis Work,  
Field Study,  
Reports.

Mid-term and final examinations are conducted in dates, places and times determined and announced by the University. The students' final semester grade is given by their instructors based on mid-term examination, homework evaluation and final examination results taking into account the students' compliance with attendance to the course activities.

The contribution of assessment grades of the in-term activities to the final grade is 40% and that of the final exam is 60% for all the course units.

### **Grading**

The success of a student for each assessment (in-term and final) defined for each course unit is evaluated by the instructor. Evaluations are made over a scale of 100 points and converted to the letter grades at the end of the semester. A student is considered to be successful in a course if he/she gets one of the following grades: AA, BA, BB, CB or S (Successful). The student's academic standing is calculated in the form of a Grade Point Average (GPA) out of a

scale of 4.00 and announced at the end of each semester. The total grade point of a course is obtained by multiplying the grade point by the course ECTS credit. The semester GPA is calculated by dividing the total amount of grade points of courses gained in that semester by the total amount of ECTS credits of courses taken in the semester. The yearlong courses are included in the spring semester GPA. Cumulative Grade Point Average (CGPA) is calculated by dividing the total amount of grade points of all the courses in the curriculum to be taken by the total amount of 240 ECTS credits. For each course taken, the student is given one of the following letter grades and grade points:

Course Score	Course Grade	Grade Points
90-100	AA	4.00
85-89	BA	3.50
80-84	BB	3.00
75-79	CB	2.50
70-74	CC	2.00
65-69	DC	1.50
60-64	DD	1.00
50-59	FD	0.50
0-49	FF	0.00

Please see the section of “Grade Evaluation” for detailed information Graduation Requirements

### **Classification of the qualification**

A student who obtains a CGPA of 2.00-2.99 is considered as a Satisfactory Student, the one who obtains a CGPA of 3.00-3.49 is considered as an Honours Student, and the one who obtains a CGPA of 3.50-4.00 is considered as a High Honours Student.

### **Graduation Requirements**

In order for a student to graduate from Master’s Degree (Second Cycle) Programme in Animal Production and Technologies Department, he/she has

- Completed 120 ECTS credits with passing grades (56 ECTS credits for 7 graduate courses and 21 credits; for a Seminar Course, 6 ECTS credits; for Thesis Research (Thesis Proposal) 2 ECTS credits; Special Topics Courses taken for 3 semester total 6 ECTS credits and Thesis Research taken for 2 semesters 60 ECTS credits).
- A cumulative grade point average (CGPA) of at least 2.50 out of 4.00.
- Prepared and defended a thesis successfully

### **Mode of Study**

Master of Science Programme in Animal Production and Technologies Department at Niğde Ömer Halisdemir University is a full time / face to face programme.

**Contact (Programme Director or Equivalent):**

<b>Position</b>	<b>Name Surname</b>	<b>Phone</b>	<b>E-Mail</b>
<b>Program Coordinator</b>	Prof.Dr. Ethem AKYOL	+90 388 225 4481	eakyol@ohu.edu.tr
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