PhD (Third Cycle) Program in Plant Productions and

TechnologiesGeneral Information

Niğde Ömer Halisdemir University, Plant Production and Technologies higher education program started recruiting students for higher education since 2013-2014.

Number of projects supported by The Scientific and Technology Research Council of Turkey, State Planning Organization, Ministry of Agriculture and Forest etc, are carried out by the research groups.

The academic unit of Plant Production and Technologies higher education program has a modern building, computer-aided classrooms, special students laboratories as well as research laboratories used by faculty membersfor their research studies, field and greenhouses for field trials, laboratory equipment and dormitories located in the university campus for graduate students; with research laboratories supported by research projects to train Ph.D. students as competent researcher.

Aims and Objectives

Aims:

Train doctorate student who has following qualifications; specializing in crop production, able to follow current developments in agriculture, in order to establish international collaborations; has knowledge of foreign languagesand various information technologies, knows all the steps involved in the process of crop production, capable of understand crop production problems, encountered and solutions, strong aspects of social events, communicationskills, creativity and entrepreneurship, prone to teamwork.

Objectives:

Facilitate following high quality educational program for agricultural engineers; ability to compete with the knowledge in the field of crop production at the national and international levels, able to follow recent developments and implement in practice, capable of plan and conduct projects to solve problems at the each stage of agricultural production, transfer generated new information and technology to manufacturers and related industries.

Qualification Awarded

Upon successful completion of this program, students are awarded with the qualification of **DOCTOR of PHILOSOPHY in PLANT PRODUCTION AND TECHNOLOGIES in PLANT PRODUCTION AND TECHNOLOGIES.**

Level of Qualification

PhD Degree with thesis in Plant Production and Technologies is a four-year (8 semesters) program with 240 ECTS credits. The program meets the requirements both for ECTS credits and level descriptors of the "Third Cycle" degree qualifications of the Overarching Framework of European Qualifications Framework HE (QF-EHEA) and the "8th Level" qualifications of the Turkish Qualifications Framework for HE (TYYÇ, NQF-HETR), as well as the "8th Level" requirements ofthe qualifications of the European Qualifications Framework for Lifelong Learning(EQF-LLL) in terms of the level descriptors.

Specific Admission Requirements

Admission requirements are determined in line with the regulations set by Higher Education Council of Turkey. Information on application for PhD program 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 students:

For further information on the admission requirement for foreign students, please contact to Niğde Ömer HalisdemirUniversity International Office.

International Office
Niğde Ömer Halisdemir Üniversity, Kampüs, Bor Yolu, Niğde, TÜRKİYE Phone: 0 388 225 21 48
Fax: 0 388 225 23 85
mail: erasmus@ohu.edu.tr
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 PhD (Third Cycle) program in Plant Production and Technologies at Niğde Ömer HalisdemirUniversity.

Profile of the Program

Plant Production and Technologies program 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. Doctorate program is prepared in accordance with the understanding of a joint training strategy and gain experience with practicing.

The program includes primarily fields of crop production systems and methods, horticulture, agronomy, plant protection, soil science, plant breeding and genetics. Doctorate Program in Plant Production and Technologies is aimed to give students the ability to apply agricultural knowledge to crop production problems, understand different areas of crop production.

Doctorate (PhD Degree) program in Plant Production and Technologies (Third Cycle in QF-EHEA and 8th level in TYYÇ) is an academically-oriented program giving access to degree and non-degree research program and professional practice demanding high levels of knowledge and skills. The classification of the program with respect 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: 8, Orientation (Profile): 64, Subcategory: 645-Academically-oriented "third cycle"
- NQF-HETR Field of Education: 62-Agriculture, Forestry and Fishery
- NQF-HETR Profile of Education: Academically-oriented "third cycle"

Learning and Teaching Methods

The most frequently used instructional methods of the educational programs of Niğde Ömer Halisdemir University are given below. Program commonly apply these methods as appropriate instructional approachesin accordance withtheir aims and objectives.
Learning and Teaching Methods

- Lecture & In-Class Activities
- Land Surveying
- Group Work Laboratory
- Reading
- Assignment (Homework)
- Project Work
- Seminar
- Web Based Learning
- Implementation/Application/Practice
- Thesis Work
- Field Study
- Report Writing

Final grade assessment has been calculated 40% of the in-term activities and 60% of the final exam.

Occupational profiles of graduates with examples

The global natures of Plant Production and Technologies and Agricultural Engineering ensure many career opportunities in Turkey as well as in Europe and beyond. Students who will graduate from the program will have the opportunity of employment in private companies operating in the fields of agricultural production, nursery and seed production, cultivar improvement, marketing etc. Since graduates also have general information about agricultural engineering; they will be employed in all companies operating in agricultural production and in related fields. Moreover, graduates can also be employed in the public sector relevant to agriculture such as Ministry of Food, Agriculture and Livestock, Ministry of Environment and Urban Development and Ministry of Industry and Trade; General Directorate of State Hydraulic Works, The Central Union of Turkish Agricultural Credit Cooperatives, producer associations related to agriculture (e.g. Taris, Çukobirlik, Pankobirlik, etc.); General Directorate of Agricultural Enterprises, etc. They can establish their own enterprises on agricultural production, consulting, etc.

Qualification Requirements and Regulations

Doctorate program (third cycle) in Plant Production and Technologies is awarded to students who have scored a Cumulative Grade Point Average (CGPA) of not less than 3.00 /4.00, defended his/her thesis successfully, and have completed all the courses (240 ECTS) with at least a letter grade of BB 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 PhD degree program, students can pursue an academic career in related fields.

Examination Regulations, Assessment and Grading

The methods applied for assessment of the achievement of the expected program learning outcomes for the entire Third Cycle program of Plant Production and Technologies 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
- Land Surveying
- Group Work
- Laboratory
- Reading
- Assignment (Homework)
- Project Work
- Seminar
- Internship
- Technical Visit
- Web Based Learning
- Implementation/Application/Practice
- Practice at a workplace
- Occupational Activity
- Social Activity
- 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 examis 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, BBor 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. Theyearlongcourses are included in the spring semester GPA. Cumulative Grade Point Average (CGPA) is calculatedby dividing the total amount of grade points of all the courses in the curriculum to be taken by the total amount of 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

Graduation Requirements

In order for a student to graduate from PhD Degree (Third Cycle) Program in Plant Productionand Technologies,he/she has

- Completed 240 ECTS credits with passing grades
- A cumulative grade point average (CGPA) of at least 3.00 out of 4.00.
- Prepared and defended a thesis successfully.

Mode of Study

PhD Program in Plant Production and Technologies at Niğde Ömer Halisdemir University is a full time/ face to faceprogram.

Contact (Program Director or Equivalent):

Position	Name Surname	Phone	Email
Program Coordinator	Prof. Dr. Sevgi ÇALIŞKAN	+90 388 225 4476-4471	scaliskan@ohu.edu.tr
Erasmus Coordinator	Doç. Dr. Eminur ELÇİ	+90 388 225 4478	eminur.elci@ohu.edu.tr
Farabi Coordinator	Prof. Dr. Halil TOKTAY	+90 388 225 4475	h.toktay@ohu.edu.tr
Mevlana Coordinator	Prof. Dr. Mustafa AVCI	+90 388 225 4569	mavcı@ohu.edu.tr