General Information

The Environmental Engineering Department of the Nigde Ömer Halisdemir University launched its education activities in 1999-2000 education term, by recruiting its first graduate students, and then undergraduate students in 2009-2010 educational term.
The department has 4 Professors, 3 Associated Professor, 3 Assistant Professor and 1 Research Assistants as academic staffs. Nigde Ömer Halisdemir University Environmental Engineering Department is producing regional and national projects with highly qualified academic staffs and these projects are capable of delivering solutions to problems.

Also a number of projects supported by EU, Erasmus+, The Scientific and Technology Research Council (TUBITAK) of Turkey and Nigde Ömer Halisdemir University Research Project Unit, etc. are carried out by the research groups in the department. Thanks to the bilateral agreements with EU countries and other countries, some of our graduate students continue their education abroad within the framework of Erasmus Program. Through the Master of Science (Second Cycle) programme, students develop skills to participate in scientific activities, and share the results with scientific community and they may continue their academic career by enrolling in related Ph.D. programs of the universities in Turkey or abroad.

Aims and Objectives

Aims :

- To provide the students the skills to apply the advanced knowledge of mathematics, science and engineering especially for solving complex problems in their specialization area, to operate and conduct inter-disciplinary studies and to work with others, in professional and social settings and to organize and participate creative and integrative design activities effectively
- To offer advanced level education for engineers for taking part in research and making contributions to research and development in the field of science and technology
- To raise scientists in graduate level that has vision, analytic thinking skill and ethical values

Objectives :

- To promote research and development studies in the fundamental areas of Environmental Engineering such as Environmental Technology and Environmental Science that are needed by the both in national and international arena
- To play a role to contribute to the universal science in the field of Environmental Engineering
- To create knowledge and technologies in a level that will contribute national development
- To develop scientific thinking and create projects that will enhance technological developments

Qualification Awarded

Upon successful completion of this program, students are awarded with the qualification of MASTER OF SCIENCE DEGREE in ENVIRONMENTAL ENGINEERING.

Level of Qualification

Master's Degree with thesis in ENVIRONMENTAL ENGINEERING 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 Requirements

Admission requirements are determined in line with the regulations set by Higher Education Council of Turkey. Information on application for graduate 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: To have a First Cycle (BSc) degree in environmental engineering

- To have ALES (Entrance Exam for Academic Personnel and Postgraduate Education) with minimum score of 60 (or equivalent score from GRE exam)
- To have a foreign language proficiency from national exams such as YDS (Foreign Language Examination) UDS (The Interuniversity Foreign Language Examination) or KPDS (The Foreign Language Examination for Civil Servants) or from international exams such as IELTS (International English Language Testing System) or 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.
- The candidates with a Bachelor's Degree from abroad must have the certificate of equivalence from the Council of Higher Education (YOK).
- ALES score is valid for 3 years.
- The candidates must apply in person. 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 Nigde Ömer Halisdemir University International Office.

Notes:

1- The ALES score is valid for three years from the date on which the exam result is announced. However, it is not required new ALES score for candidates applying for masters / doctoral / arts proficiency programs after completing master's education or after having voluntarily canceled their master's education.
2- The conversion table of the Higher Education Council shall be taken as basis for the system equivalents of the grades of the graduation grade average scores and those of those who are in the quartile coefficient system.

Contact:

International Office

Nigde Ömer Halisdemir Üniversitesi, Kampüs, Bor Yolu, Niğde, TÜRKİYE
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Specific Arrangements for Recognition of Prior Learning

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

Profile of the Programme

Master's Degree program in Environmental Engineering has been established on the basis of multi-disciplinary engineering vision which engages in producing, planning, designing and applying solutions for management of natural resources in order to ensure sustainable development, and pollution control, and disposal. Thus, a graduate, with a Master of Science Degree in the Environmental Engineering Programme, has an improved knowledge in one of the selected specializations (Water, Wastewater, Air and Soil Pollution, Control and Treatment, Solid and Hazardous Waste Management, Noise Pollution and Control, Marine Pollution and Control, Biotechnology, Watershed Management). Master's Degree program in Environmental Engineering ("Second Cycle" in QF-EHEA 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: 52 - Engineering And Engineering Trades
- ISCED 2011 Level: 7, Orientation (Profile): 74, Subcategory: 747, Academically-oriented "Second Cycle" degree
- NQF-HETR Field of Education: 52 - Engineering And Engineering Trades
- NQF-HETR Profile of Education: Academically-oriented "Second Cycle" degree

Learning and Teaching Methods

The most frequently used instructional methods of the educational programs of Nigde 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 Environmental Engineering 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
- Land Surveying
- Group Work
- Laboratory
- Reading
- Assignment (Homework)
- Project Work
- Seminar
- Web Based Learning
- Implementation/Application/Practice
- Thesis Work
- Field Study
- Report Writing

Occupational profiles of graduates with examples

According to personal interests and preferences of our graduates;

- The municipalities, special provincial administrations, environmental and urban ministry, the ministry of public institutions, the ministry of forest and water are responsible for all the solutions and supervisions of all types of environmental problems caused by human activity,
- In the waste water, solid waste, and wide variety of industries and organizations which are forming air pollutions, in need of resolution of these issues,
- In private sectors that produce treatment systems and / or develop technology in this area, treatment technology and in organizations in various fields and levels,
- In many industrial and agricultural sectors required to comply with environmental standards developed for the solution of environmental problems such as the world's global warming, air pollution, water pollution, solid waste pollution,
- In various industries, employed in such positions as security expert, environmental officers and field assistants,
- Also they can register on an academic career as well as doctoral programs of the universities in Turkey or in abroad.

Qualification Requirements and Regulations

Master's Degree program (second cycle) in Environmental Engineering 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 "Nigde 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 ENVIRONMENTAL ENGINEERING.

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 ENVIRONMENTAL ENGINEERING 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.

- Mid-Term Exam
- Final Exam
- Make-up Exam
- Homework Assessment
- Presentation of Report
- Computer Based Presentation
- Presentation of Thesis
- Presentation of Document 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, short-examinations, final examination and, if there is any other assessment 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 120 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

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 a Honors 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 ENVIRONMENTAL ENGINEERING, he/she has

- Completed 120 ECTS credits with passing grades (21 credits and 56 ECTS credits for 7 graduate courses, 6 ECTS credits for a Seminar Course, 6 ECTS credits for Special Topics Courses, and 2 ECTS credits for Thesis Studies taken at 2 consecutive semesters. Total 60 credits).
- Prepared and defended a thesis successfully.

Mode of Study:

Master of Science Programme in Environmental Engineering at Nigde Ömer Halisdemir University is a full time / face to face programme.

Contact (Programme Director or Equivalent):

Position	Name Surname	Phone	E-Mail
Head of Department	Prof. Dr. Fehiman ÇİNER	+90 3882252299	fciner@ohu.edu.tr
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