

## General Information

The department carries out prestigious academic and scientific studies in its field, and promises an adequate education opportunity with its dynamic and young academic staff carrying out scientific research.

1 Professor, 2 Associate Professor, 1 Doctors who have completed their education in the field of Medical Biology and conducted their research on this subject. The department It has a staff of 4 faculty members, including a member.

The academic structure of the Department allows for advanced research on topics such as molecular biology, cell biology, immunology, virology and molecular genetics, which are sub-branches of Medical Biology. For this purpose, a laboratory belonging to our department and Prof. Dr. Aziz SANCAR center research laboratory within the Medical Faculty are located is also available for our students.

## Aim and Goal

### Aim:

Medical Biology, one of the basic disciplines of medical science, is a science that carries out education and research in the field of life sciences with the perspective of molecular biology, cell biology and molecular genetics. Within the scope of this program, it is aimed to train Medical Biologists with preferred characteristics in medical and biomedical research.

### Goal:

The main goals of our department are to become the leader in academic rankings in the field of national and international Medical Biology, and to conduct academic research and publications in order to develop theories and practices. To train scientists who will be Medical Biologists who are equipped with the necessary scientific and social skills, can follow the next level of education, have critical thinking and leadership skills in the environments in which they will work, can provide interdisciplinary cooperation, have managerial characteristics, and can produce innovative and original solutions.

## Level of Higher Education in Turkey Qualifications Framework (TYYÇ) and Degree Awarded

Students who successfully complete the program are awarded a MA in Medical Biology.

## Level

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## Admission Requirements

- a) Candidates who will apply to the Master's program of the Department of Medical Biology must meet the minimum requirements specified in the Postgraduate Education Regulation of the University.
- b) The number of students to be admitted to the program is reported to the Institute Directorate as the recommendation of the Department. These quotas are announced together with the required application conditions after the provisions of the related Institute's regulation are fulfilled.
- c) To apply to the program, candidates must apply to the Faculty of Medicine, Faculty of Dentistry, Faculty of Veterinary Medicine, Faculty of Pharmacy or Faculty of Arts and Sciences, Biology, Biochemistry, Medical Biological Sciences, Molecular Biology and Genetics, Biotechnology, Engineering Faculty, Biomedical Engineering Department, Genetic Engineering Department. , Food Engineering Department, Faculty of Nursing / Faculty of Health Sciences / School of Health Nursing Department must have a Bachelor's degree.
- d) Students who will be admitted to the program must have at least 55 points from ALES' numerical score type in accordance with the 5th article of the Graduate Education and Training Regulation of the Higher Education Institution and the 8th (2) of the Niğde Ömer Halisdemir University Graduate Education and Examination Regulations. In addition, the provisions in the Regulation on the Amendment of the Graduate Education and Training Regulation published in the Official Gazette dated 5 August 2021 and numbered 31559 are also used in the evaluation of success.

- e) In determining the validity period of the ALES score, the period determined by YÖK is taken as a basis.
- f) Admission and placement of students to the graduate program: According to Article 5 (2) of the Graduate Education Regulation of the Higher Education Institution, the success of the candidates is determined on the basis of the Regulation of the Graduate School.
- g) To Master's programs with thesis; Students are accepted on the basis of ALES score, undergraduate graduation GPA and the score obtained from the interview/aptitude test.
- h) For the equivalents in the hundred point grading system of the grades of the students whose undergraduate grade point average is in the four-point grading system, the conversion table of the Council of Higher Education is taken as a basis.
- i) In accordance with the article 13 (1) of the Niğde Ömer Halisdemir University Graduate Education-Training and Examination Regulations, the requirements for candidates applying to master's degree programs with a bachelor's degree are as follows: In order for candidates to take the interview/aptitude test, 60% of the candidate's ALES score and 40% of the undergraduate grade point average are collected and sorted for student admission to the master's program with thesis. Candidates are announced at a rate of 4 times the established quota. In calculating the entrance success score, the undergraduate graduation grade point average, ALES score and interview/aptitude score are evaluated. The entrance success score is calculated by adding up 50% of the candidate's ALES score, 30% of the undergraduate graduation grade point average and 20% of the score obtained from the interview/aptitude test. In order for candidates to be considered successful, the calculated entry success score must be at least 65 points out of 100 points.
- j) In this program, where an interview exam is conducted, the threshold score is at least 50 out of 100, and candidates who score lower and candidates who do not take the interview exam are considered unsuccessful.

For more information, please visit the [Master's Admission Procedures](#) and [Registration Procedures](#) section in the Corporate Information menu.

For more information about the admission conditions of foreign students, please contact the International Relations Office of Niğde Ömer Halisdemir University.

#### Contact

Office of International Relations Niğde Ömer Halisdemir University, The Main Campus, Niğde, TURKEY

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#### Recognition of Previous Learning

Niğde Ömer Halisdemir University recognizes courses previously taken at another institution based on the principle of lifelong learning and exempts them from graduation credits if the learning outcomes of these courses are compatible with the program registered at Niğde Ömer Halisdemir University. Compliance and exemption issues of learning outcomes are decided by the Academic Board of the Department of Medical Biology and the Board of Directors of the Institute of Health Sciences in accordance with the relevant laws and regulations.

#### The Profile of the Program

The Department of Medical Biology was established to provide a high-quality program for students to follow and learn the latest technologies, as well as to ensure their participation in applied and theoretical research. The program has been prepared in accordance with the common educational strategy and the understanding of gaining experience by applying

it. Thus, it will be possible to easily adapt new techniques in this field of education. The aim of the program is to provide students with the skills to conduct research in the fields of Medical Biology.

Master's program in the Department of Medical Biology (First Level in the Bologna Process Higher Education Qualifications Framework, 7th Level in TYYCH.) is an academic-oriented program that provides graduates with transition qualifications to professional practice areas, research areas, doctoral programs that require advanced knowledge, skills and competencies. The classification of the program according to the "International Standard Classification in Education (ISCED) 2011" and "Turkey Higher Education Qualifications Framework (TYYÇ)" and the education field codes are given below:

- ISCED Education Area Code: 7
- ISCED Program Qualification Level: 7, Category (Profile): 74, Sub-Category: 747 - Academically weighted master's degree
- Turkey Higher Education Qualifications Framework (TYYÇ) Basic Area Code: 813
- Turkey Higher Education Qualifications Framework (TYYÇ) Qualification Type (profile): Academically oriented "7th Level" master's degree

### Education-Training Methods

The most commonly used teaching methods in the programs at Ömer Halisdemir University are given below. Programs use most of the methods listed in this list, according to their goals and objectives. The Department of Medical Biology includes the educational methods used throughout the program in the "program learning outcomes" section, and the methods related to a course in the program in the "course introduction and application information" section in order to achieve the targeted program learning outcomes.

### Examples of Education -Training Methods Used

- In Class & Classroom Activities
- Team work
- Reading
- Homework
- Preparing project
- Seminar
- Internship
- Web Based Learning
- Practices
- On-Site Practices
- Professional Activity
- Social activities
- Thesis Preparation
- Report Writing

### Occupational Profiles of Graduates with Examples Yeterlilik

They can find jobs as researchers and/or lecturers in various institutes, faculties and private sector.

### Qualification Criteria & Regulations

Medical Biology Master's program diploma is given to students who have a General Academic Grade Point Average (GANO) not less than 2.5/4.00, who have successfully defended their thesis, and who have passed all the courses in the program (120 ECTS) with a minimum grade of CB or S.

For details visit: ["Ömer Halisdemir University Postgraduate Education and Examination Regulations"](#)

## Academic Advancement Opportunities

Students who successfully complete this program can apply to doctoral programs in the Department of Medical Biology or in the fields related to the Department. According to the National Regulation on Graduate Education, students are admitted to graduate programs based on their level of success in undergraduate programs and the scores they get in the Academic Staff and Graduate Education Entrance Exam conducted by the Student Selection and Placement Center (ÖSYM). In this context, national regulations and regulations determined by the senate of each university will determine the weight of ALES results in the general evaluation of the candidates. Depending on the regulations of the institutions, a certain level of proficiency in a foreign language is also required for admission to some of the applied departments.

## Exam Regulations, Evaluation and Grading System

The methods used to measure whether the predicted program learning outcomes have been achieved during the graduate program of the Department of Medical Biology are given below. The outputs related to the course units are shown together with the contribution to the final grades in the section of the course description.

- Midterm
- Final exam
- Make-up Exam
- Homework Evaluation
- Report Submission
- Making Presentations with a Computer
- Thesis Submission
- Document Submission

### Exams:

Midterm and final exams are held on the dates, places and times determined and announced by the university. The final grades of the students are given by the instructors based on the results of the midterm, homework evaluation and final exam, and also taking into account that the students meet the attendance requirement.

In determining the end of term grade, the contribution of the activities during the semester is 40% and the contribution of the final exam is 60% for all courses in all graduate programs determined by the regulation.

### Evaluation:

A student's success is evaluated by the instructor for each assessment (term studies and final) defined for each course. The assessment is based on 100 full points.

A student who receives AA, BA, BB, CB and S (Successful) grades in a course is deemed to have succeeded in that course. Success status of students; The semester's academic average and general academic averages are determined by calculating over 4.00 and announced at the end of each semester. Multiplication of the credit of a course and the coefficient of the success grade obtained from that course gives the weighted score of that course. The semester academic average is found by dividing the total of the weighted scores of the courses in the course plan that must be taken in that semester by the total credits of the courses. Annual courses are included in the spring semester academic average. The general academic average is found by dividing the total of weighted points to be calculated based on the success grades of all the courses that the student has to take during the education period, by the total credits of the courses taken (120 ECTS). Course success grades and coefficients are determined as follows:

Grade	Grade by Letter	Equivalent
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

For detailed information, visit the "Grade Evaluation" section.

#### Graduation Criteria

In order for a student to graduate from the Master's Program, they must meet the following conditions:

- Completing 120 ECTS credits with a passing grade (54 ECTS credits for 7 graduate courses, 6 ECTS credits for Seminar Course, 20 ECTS credits for 2 Special Field Courses and 40 ECTS credits for Thesis Studies conducted for 2 consecutive semesters)
- Preparing and presenting the thesis successfully.

For details visit: "Ömer Halisdemir University Postgraduate Education and Examination Regulations"

#### Type of Instruction:

Ömer Halisdemir University Medical Biology Department master's program provides full-time and face-to-face education.

#### Contact (Program Director or Equivalent)

Position	Name	Phone	E-mail
Head of the Department	Prof. Dr. Zeliha SELAMOĞLU	0388- 225 3123	zselamoglu@ohu.edu.tr
Deputy Head of the Department			
Erasmus Coordinator			