



T.C.
MERSİN UNIVERSITY
INSTITUTE OF HEALTH SCIENCES

DEPARTMENT OF PHYSIOLOGY

GRADUATE PROGRAMS

2025

HISTORY

The Department of Physiology at Mersin University Faculty of Medicine was established in September 1999. It began educating its first master's students in September 2000 and its first doctoral students in September 2002.

ACADEMIC STAFF

Prof. Dr. Tolgay ERGENOĞLU

Prof. Dr. Uğur DAL

Prof. Dr. Leyla ŞAHİN

Dr. Öğr. Ü. Özge Selin ÇEVİK

FILEDS OF RESEARCH

- Anxiety and behavioral models
- Cognitive neuropsychological tests
- Electroencephalography
- Energy consumption measurements
- Physical activity tests
- Galvanic skin response measurements
- Recording of event-related brain potentials
- Learning and memory tests
- Gait analysis

PROGRAM COMPETENCIES

- **GRADUATE PROGRAM**

- Possess knowledge of information technologies, technical equipment, and devices and tools specific to the field of physiology at the level required by the field.
- Integrate knowledge in the field of physiology with knowledge from other disciplines and interpret it to create new knowledge.
- Collect and interpret data obtained as a result of projects.
- They can evaluate the knowledge and skills they have acquired during their master's degree program and access new information they need to acquire in their field.
- They can prepare scientific research and gain experience by participating in the application processes.
- Can use current developments and information in their field for the benefit of society, taking into account the values of children, family, nation, and country.
- Can use information and communication technologies to the extent required by their field.
- Can possess teaching and knowledge transfer skills. Can possess sufficient knowledge about laboratory safety and research ethics, collect data, and interpret data.
- Translated with DeepL.com (free version)

PROGRAM COMPETENCIES

- **DOCTORAL PROGRAM**

- Can explain in detail the mechanisms of action of the body's organ systems in response to physiological and pathological conditions.
- May have advanced knowledge of physiology and sufficient knowledge to support physiology knowledge in other medical fields.
- Can explain in detail the interaction between different organ systems and how organs and cells interact with each other.
- Defines and uses modern research methods and tools in physiology and related subjects.
- Critically applies and uses theories, methodologies, and knowledge to address fundamental questions in their field of study.
- Can write a report on a research project they have participated in and publish or present this research at national and international conferences.
- Possesses sufficient knowledge of statistical methods and can select, apply, and analyze the appropriate statistical method in their research.
- Can create graphs from data and interpret them.
- Can connect with individuals at the national and international levels, share their knowledge, express their original ideas, and make suggestions.

EMPLOYMENT OPPORTUNITIES

There are various job opportunities in the field of physiology in both the public and private sectors.

CONTACT

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