



T.C.
MERSİN UNIVERSITY
INSTITUTE OF HEALTH SCIENCES

DEPARTMENT OF BIOCHEMISTRY
CHEMISTRY

GRADUATE PROGRAMS
2025

HISTORY

- ❖ The Department of Biochemistry, which is part of the Department of Basic Pharmaceutical Sciences, began its master's program in 2002.
- ❖ The Doctoral Program in Pharmaceutical Biochemistry, under the same department, began its education in 2009 as the Department of Biochemistry.

ACADEMIC STAFF

- ❖ Graduate education and training activities conducted in the Department of Biochemistry are carried out by 3 professors and 2 assistant professors working in our department.

FIELDS OF RESEARCH

- ❖ Biochemistry is a scientific discipline that studies the chemical structures and functions of biological systems at the molecular level and forms the basis of health and life sciences. In this context, biochemistry interacts closely with many other scientific fields.
- ❖ The fundamental research activities conducted in our department cover topics such as enzymology, oxidative stress, apoptosis, protein chemistry, hemoglobinopathies, and molecular biology.

PROGRAM COMPETENCIES

- ❖ Can explain the basic concepts of biochemistry.
- ❖ Can evaluate biochemical laboratory findings.
- ❖ Can prepare solutions used in the laboratory.
- ❖ Can provide information about genetic diseases.
- ❖ Can perform procedures on experimental animals.
- ❖ Can explain the techniques used in the laboratory.
- ❖ Explains the basic concepts of science and how scientific knowledge is produced.
- ❖ Gains the ability to apply and present scientific knowledge analysis.
- ❖ Gains knowledge about scientific research techniques.

EMPLOYMENT OPPORTUNITIES

- ❖ The Department of Biochemistry trains qualified professionals with fundamental laboratory skills in the field of health sciences who can work in various research and application areas.

CONTACT

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