



University of Mosul

College of Sciences

Department of Biology



Research objectives:

The department aims to increase awareness and knowledge in life sciences by producing researchers and professors capable of addressing recent changes and advancements worldwide. It seeks to enhance our scientific, health, industrial, and environmental institutions by addressing issues in three key areas:

1. Fields of zoology: This specialty includes research in many topics, including parasitology, histology and physiology, and clinical biochemistry. It also includes genetic and hereditary study of some hereditary and cancerous diseases.
2. Fields of botany: This specialty includes research in many topics, including tissue sciences, physiology, plant biochemistry, and plant tissue culture, as well as mycology, including its isolation and genetic diagnosis, and the study of its various environmental effects, both beneficial and harmful.
3. Microbiology: This specialty includes many fields, including bacteriology, which is concerned with isolating and diagnosing bacteria from several sources, including various human infections, as well as environmental sources such as water, soil, plants, and food. This specialty also includes research in the field of viruses and immunology.
4. The biology Department, with all its branches, keeps pace with the modern scientific process. The department's researchers, including faculty and graduate students, were able to register many new bacterial strains and genes for the first time in Iraq in the global gene bank affiliated with the National center for biotechnology information (NCBI).

