

The **vision** of the Department is leadership and excellence in the provision of quality programs in the fields of basic and applied biological sciences that will be recognized by an international accreditation body, through the introduction of curricula capable of producing graduates who are capable of competing at the regional and international level.



“All we know is still infinitely less than all that remains unknown”

William Harvey

Department's Mission:

Advancing the academic level and scientific research, in an environment conducive to creativity, innovation and leadership

For more information about the degree plan, research, facilities or to request a copy of our student guide, please visit our website at <https://hu.edu.jo/fac/dept/Default.aspx>

Facilities

- Microscopy unit
- Animal house
- Herbarium
- Greenhouse

Department Information

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Faculty of Science Department of Biology and Biotechnology

• Biology



Zoology

Studying the antinociceptive and analgesic effects of plants, and male infertility



Ecology

Understanding weed biology, biocontrol and biopesticides, the distribution of dissolved organic compounds in seawater, environmental stress physiology of plants



Microbiology & Immunology

Studying fungi pathogenicity, anti-microbial agents, biomass energy and fermentation technology



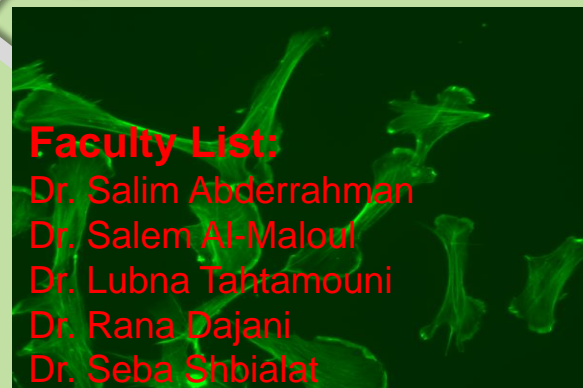
Botany

Understanding population plant biology, plant genetics diversity, environmental stress physiology of plants



Genetics & Cell Biology

Focuses on cyto- and genotoxicity of plants, cancer research, gene polymorphism, cell signaling and evolution of embryos



Biochemistry & Biotechnology

Focuses on biodegradation of organic pollutants, fermentation technology, cycle of organic compounds

