

Faculty of Engineering

☒ Vision

Towards a leading faculty in quality engineering education and applied research.

☒ Mission

Provide students with a broad stimulating and rigorous engineering education, professional skills, basic and applied research, and knowledge that will enable them to succeed in future careers, adapt to the working environment, deal with the challenges of the local, regional, and global marketplace, and support the comprehensive sustainable national development plans.

☒ Overview

The Faculty of Engineering is the oldest and largest faculty in Jordan University of Science and Technology. With (165) faculty members, 67 supporting staff and 61 research and teaching labs, the Faculty thrives to qualify competent engineers for the local, regional and international job markets. The Faculty adopts a dynamic strategic plan that aims at guarantying quality assurance of its programs and keeping its excellence and leadership in engineering education in Jordan and the region. Towards this end, three undergraduate degree programs in the faculty have been accredited by the "Engineering Accreditation Commission" (EAC) of ABET of the United States of America. These programs are Chemical Engineering, Biomedical Engineering, and Industrial Engineering.

☒ Academic Departments

The Faculty comprises (8) departments:

- **Civil Engineering**
- **Electrical Engineering**
- **Mechanical Engineering**
- **Chemical Engineering**
- **Biomedical Engineering**
- **Industrial Engineering**
- **Nuclear Engineering**
- **Aeronautical Engineering**

☒ Degrees

The faculty offers the following degrees:

▪ **Civil Engineering:**

- B.Sc. in Civil Engineering
- B.Sc. in Civil Engineering - Transportations
- B.Sc. in Civil Engineering - Water Resources And Environment

- B.Sc. in Civil engineering - Structures
- B.Sc. in Civil engineering - Geotechnical Engineering
- M.Sc. in Civil engineering - Water Demand Management
- M.Sc. in Civil engineering - Transportation Engineering
- M.Sc. in Civil engineering - Water Resources & Environment
- M.Sc. in Civil engineering - Structural Engineering
- M.Sc. in Civil engineering - Geotechnical Engineering

▪ **Electrical Engineering**

- B.Sc. in Electrical Engineering- Communications & Electronics
- B.Sc. in Electrical Engineering- Power & Control
- M.Sc. in Electrical Engineering- Wireless Communications
- M.Sc. in Electrical Engineering- Electronics
- M.Sc. in Electrical Engineering- Communications and Electronics
- M.Sc. in Electrical Engineering- Power & Control

▪ **Mechanical Engineering**

- B.Sc. in Mechanical Engineering- Mechatronics
- B.Sc. in Mechanical Engineering- Thermal Power
- M.Sc. in Mechanical Engineering-Mechatronics

▪ **Chemical Engineering**

- B.Sc. in Chemical Engineering
- M.Sc. in Chemical Engineering

▪ **Biomedical Engineering**

- B.Sc. in Biomedical Engineering

▪ **Industrial Engineering**

- B.Sc. in Industrial Engineering
- M.Sc. in Industrial Engineering

▪ **Nuclear Engineering**

- B.Sc. in Nuclear Engineering

▪ **Aeronautical Engineering**

- B.Sc. in Aeronautical Engineering