

## Faculty Vision

A recognized leading faculty in engineering and Information Technology education and research, preparing its graduates to be highly demanded in the industry, locally and regionally, for their professional skills, scientific background, and ethical and professional values

## Faculty Mission

- Contribute to the advancement and development of the Palestinian society through the pursuit of innovative teaching and learning, active learning and cutting edge scientific research.
- Pursue regional leadership in engineering and Information technology education and research.
- Provide opportunities and create an esteemed academic environment for the professional and innovative talents among the students as well as the faculty.
- Provide enhanced practical, applied and training related aspects to the students.
- Develop close relationships with, and provide knowledge, services and technologies to, the local communities and industries.
- Assure quality and foster systematic pursuit of improvement in quality education to graduate engineers and information technology graduates with abilities and skills to analyze and interpret data, design and conduct experiments.
- Apply knowledge to solve engineering and Information Technology problems in global, economic, societal, and environmental contexts, considering social, political, ethical, health, safety, and sustainability aspects, within a life-long learning framework.

## About

The Faculty of Engineering at An-Najah National University is the oldest Faculty of Engineering in Palestine. It was established in the year 1979; at the time it offered one degree; the Bachelor Degree in Civil Engineering. A year later, the department of Architectural Engineering was established. As the local Palestinian economy and the regional pan Arab economy evolved, the demand for engineers has substantially increased. For the past 20 years the Faculty of Engineering kept adding new programs. Currently, the engineering faculty is comprised of twelve academic engineering departments. The Faculty of Engineering also provides seven graduate programs leading to Master's Degrees . The faculty follows the known international standards of theoretical engineering .The engineering building includes engineering workshops, several laboratories equipped with state of the art instruments and modern devices suitable to conduct advanced teaching and research work. In addition to this, the laboratories are also used to provide technical services to the local community.



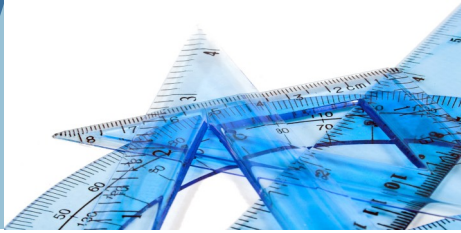
The Faculty of Engineering of An-Najah National University is recognized as the leading engineering faculty in the West Bank due to the quantity and the quality of available programs.



## Faculty of Engineering and Information Technology



## Engineering Bachelor Programs



The Faculty of Engineering offers  
**12 Engineering Bachelor programs:**

### Bachelor Engineering Programs

Civil Engineering  
Architectural Engineering  
Electrical Engineering  
Chemical Engineering  
Industrial Engineering  
Computer Engineering  
Mechanical Engineering  
Building Engineering  
Mechatronics Engineering  
Telecommunication Engineering  
Urban Planning Engineering  
Energy and Environmental Engineering



## Master's degrees

**MSc Structural Engineering**  
**MSc Highways & Transportation Engineering**  
**MSc Water and Environment Engineering**  
**MSc Urban and Regional Planning**  
**MSc Architectural Engineering**  
**MSc Engineering Management**  
**MSc Clean Energy Engineering**



## Student Outcomes



Our graduates will acquire the following skills by graduation :

- An ability to apply knowledge of mathematics, science, and engineering
- An ability to design and conduct experiments, as well as to analyze and interpret data
- An ability to design a system, component, or process to meet desired needs within realistic constraints such as economic, environmental, social, political, ethical, health and safety, manufacturability, and sustainability
- An ability to function on multidisciplinary teams
- An ability to identify, formulate, and solve engineering problems
- An understanding of professional and ethical responsibility
- An ability to communicate effectively
- The broad education necessary to understand the impact of engineering solutions in a global, economic, environmental, and societal context
- A recognition of the need for, and an ability to engage in life-long learning
- A knowledge of contemporary issues
- An ability to use the techniques, skills, and modern engineering tools necessary for engineering practice.