



Yarmouk University

Hijjawi Faculty for Engineering Technology

Architectural Engineering Department

Bachelor of Architectural Engineering

Program Overview

Brief introduction

The Department of Architecture was established in 2013 as part of the Hijjawi Faculty for Engineering Technology. Since its inception, the department prepares creative, forward-thinking architects through a program that integrates theory, design innovation, and technical skills. Emphasizing sustainability and cultural relevance, the curriculum aligns with local needs while embracing global practices and technologies. Students gain hands-on experience in design studios and labs, guided by a diverse faculty active in research and professional practice. Strong industry connections support internships and real-world learning, equipping graduates to shape functional and inspiring environments locally and internationally.



Program Educational Objectives

- Graduates will have broad practical knowledge in various areas of Architectural Engineering, enabling them to build successful careers in government, as well as in regional and global industry and service markets.
- Graduates will continually develop their skills throughout their careers or engage in innovative scientific research and ongoing education.
- Graduates will possess professional skills and practice principles that enable them to serve society effectively in a multidisciplinary work setting, with a strong awareness of their ethical and social responsibilities.
- Graduates will value lifelong learning and develop the necessary skills to attain leadership roles, work effectively in multidisciplinary teams, and communicate proficiently.

Career Opportunities

Available job opportunities

- Architectural Design and Engineering Consultancy
- Project Supervision and Construction Management
- Sustainable Design and Green Building Practices
- Urban and Regional Planning
- Heritage Conservation and Restoration
- Research and Academic Careers
- Public Sector Planning and Development.

Sectors where graduates can work

- Architectural and Engineering Consultancy Firms
- Construction and Contracting Companies
- Government Agencies
- Heritage and Cultural Preservation Organizations
- Research and Development Institutions
- Higher Education and Academic Institutions

Learning Environment and Facilities

Laboratories and facilities

1- Design Studios

- **Description:** Design studios aim to develop essential skills and foundational knowledge in architectural design, focusing on architectural, urban, and landscape design.

- **Objectives:**

1. Understand architectural design methodologies and integrate form, function, and aesthetics.
2. Foster creative and critical thinking to analyze and solve architectural challenges.
3. Enhance visual communication skills using drawing tools and models.
4. Analyze the surrounding environment and incorporate it into project designs with an emphasis on sustainability.

- **Activities:**

- Preparing 2D and 3D drawings.
- Analyzing project sites and building regulations.
- Implementing architectural projects using physical models.

2- Digital Design Labs

- **Description:** Focused on training students to use specialized software for architectural design and visualization.

- **Objectives:**

1. Master tools and programs for digital design.
2. Learn realistic rendering techniques for architectural drawings.

- **Activities:**

- Preparing drawings using computer software.
- Presenting projects using various digital programs and techniques.

3- Model-Making Workshop

- **Description:** The workshop provides hands-on experience in translating ideas into tangible models.

- **Objectives:**

1. Develop design skills and understand 3D forms.
2. Enhance precision and craftsmanship in architectural representation.
3. Encourage creativity through the use of innovative materials and techniques.

- **Importance:**

- Gain deeper insights into design principles.
- Develop practical skills for presenting ideas clearly and attractively.

Overview of the Study Plan

The Bachelor of Architectural Engineering program consists of 167 credit hours.

- Jordanian students: JD 60 per credit hour
- Non-Jordanian students: JD 100 per credit hour

Curriculum Overview

The program requires a minimum of 167 credit hours, distributed as follows:

Requirement	Credit Hours	Mandatory	Elective
University Courses	27	15	12
Faculty Courses	30	30	-
Department Courses	110	101	9
Total	167		



Contact Information

+962 - 2 - 7211111 Ext. 2470

+962 - 2 - 7211192

@ arch@yu.edu.jo