



University of Derna - Libya
Faculty of Art & Architecture



Urban Design Engineering Program

The Department of Urban Design was established in 2005/2006 as part of the collage developing and extensions. The department is considered a branch of Urban Planning and is balanced in specialization between Urban Planning and Architectural Design. So it was an important branch to serve the need of the city and its ambitious to develop the roads, the open spaces and much more urban planning and design issues

Department Vision

To be a leading department in the field of urban design specialization, providing scientifically and practically qualified cadres who succeed in solving and improving the city's problems for the better.

Department Mission

Continuous improvement and development to raise the efficiency and quality of education in the Department of Urban Design Engineering at all levels — including staff, curricula, teaching methods, and a suitable environment to produce outputs that meet the needs of society, the city, and the labor market.

Student-Focused Goals

- Equip students with the skills to identify and solve design and planning challenges, and to make informed decisions.
- Prepare graduates to actively contribute to urban development and effectively address city-related design and planning issues.

Academic Program Goals

- Develop and maintain a curriculum that meets Libya's national quality standards.
- Continuously improve the quality and effectiveness of education within the department.
- Stay current with the latest scientific and technological advancements to ensure the program remains relevant and forward-looking.

Faculty Development Goals

- Strengthen faculty expertise through active participation in academic seminars, conferences, and collaborative knowledge exchange with local universities.

Graduate Outcomes Goals

- Train engineers who can adapt to the evolving needs of the city and society, including responding to challenges such as natural disasters and conflicts, while contributing to sustainable urban improvement.

Approved Courses in the Department:

These are core mandatory courses that form the foundation of the specialization and achieve the main goals of the department. They are divided into urban and architectural design courses, which constitute at least 61 % of the total courses, and supporting engineering and general courses, which represent 39 %.

First\ Architecture Departments

○ **First year general studies at the department of Architecture**

This department functions as a foundational preparatory phase for architecture students. It provides a comprehensive curriculum of core courses that cover the fundamental principles across all architecture disciplines. This enables students to make an informed choice of specialization based on their skills and interests. The program also includes complementary art courses and general education requirements.

**All students must pass a general year before the choose from the three specializations;
The first year**

1 st Semester	2ed Semester
Basic of Design1	Basic of Design 2
Free hand drawing	Arts in Architecture
Architectural drawing	Architectural presentation
Materials science 1	Materials science 2
Engineering drawings & Geometry1	Engineering drawings & Geometry2
Technical writing in Arabic Language	Technical English terms
Mathematics	Physics

The second year

3 rd Semester	4 th Semester
Urban Design 1	Urban Design 2
Shadows, Shading, and Perspective 1	Shadows, shading, and perspective 2
Landscape 1	Architectural Design 2
Architecture Design1	Theories of urban planning and urban design
Buildings Construction	Landscape 2
Transportation Planning	Surveying 2
History of Architecture and Urbanism	Summer training
Surveying1	

The third year

5 th Semester	6 th Semester
Urban Design 3	Urban Design 4
Housing 1	Housing 2
Architectural Design 3	Architectural Design 4
Urban Design & Environmental Control	Urban Economics
Geographic Space (Urban Geography)	Planning Statistics
Computer-aided design 1	Computer-aided design 2
\\\\	Summer training

The fourth year

7 th Semester	8 th Semester
Urban Rehabilitation and Development 1	Urban Rehabilitation and development 2
Urban Planning Project 1	Urban Planning Project 2
Lndscaping1	Landscaping 2
Master Plan 1	Computer-aided design 2
Computer-aided design 1	Master Plan2
Infrastructure Services	Research & Methodology
Islamic Planning and Architecture	Sociology
\\\\\\	Summer Training

The fifth year

9 th Semester	10 th Semester
Comprehensive Planning and Regional Planning	Practical Graduation Project
Planning Legislation, Laws, and Professional Practice	\\\\
Urban Project Management	\\\\\\
Theoretical Graduation Project	\\\\