



**UNIVERSITÉ
FRANÇAISE
D'ÉGYPTÉ**



Université
Gustave
Eiffel

École d'architecture
de la ville & des territoires
Paris-Est



BACHELOR OF ARCHITECTURAL ENGINEERING

The Bachelor of Architectural Engineering is a 4-year program, offered in partnership with École d'architecture de la ville & des territoires Paris-Est (Ensa Paris-Est), member of Gustave Eiffel University, enabling graduates to pursue further studies worldwide. The program is taught in English and French and spans eight semesters. It includes three concentrations: Architectural and City Rehabilitation, Experimental Design Processes, and Contextual Planning. Enrollment in these concentrations requires the completion of core and elective courses across levels 1, 2, and 3, as well as necessary prerequisites. Additionally, students will undertake an 8-credit-hour graduation project to apply their skills in a practical context.



WHY STUDY ARCHITECTURAL ENGINEERING?

- The program utilizes research from the Terre-Pierre laboratory at the French University in Egypt and the expertise of French reputable schools of architecture in habitat transformation to meet the region's ecological needs.
- Focuses on sustainable practices with a hands-on approach.
- The curriculum promotes impactful cultural and knowledge exchange across the Mediterranean on a local and global scale.
- An annual mandatory internship of 1 to 2 months.
- An innovative curriculum combining the accredited program in France with engineering faculties in Egypt.
- Teaching methods foster autonomy, innovation, ecological awareness, and sustainability.
- Highly qualified Egyptian and foreign academic staff and visiting professors from French institutions.
- Prepares students for careers as engineers specializing in architecture, urban planning, and landscape design.

Program duration

4 years

European Credits (ECTS)

240

French Partner University

Gustave Eiffel University

Faculty within UFE

Engineering and Architecture

POSSIBLE CAREER PATHS:

- Architect
- Landscape Architect
- Architectural Designer
- Architectural Project Manager
- Urban Designer
- Building Engineer
- Construction Estimator
- Project Engineer

PROGRAM CONTENTS:

SEMESTER 1

- Architectural Design and Right Tech Construction 1
- Fundamentals and History of Art and Architecture 1
- Urban Landscape
- Principles of Architectural Representation 1
- Mathematics 1 / Physical Mechanics
- French and English Language Courses

SEMESTER 3

- Architectural Design Studio 3
- Theories of Architecture
- Urban Design 1
- Architectural Representation 3
- Fundamentals of Structural Analysis 1
- Right Tech Construction 3
- Humanities Electives
- French and English Language Courses

SEMESTER 5

- Architectural Design Studio 5
- Landscape Design 1
- Context-Based Urban Design 1
- Architectural Representation 3
- Structure
- Right Tech Construction 5
- Specialty Electives
- French and English Language Courses

SEMESTER 7

- Archi-Right-Tech Design Studio
- Concentration Courses
- Heritage Resilience Studio
- Interior-Right-Tech Design Studio
- Graduation Project
- Graduation Thesis
- Inclusive Design Approach
- Specialty Electives
- French and English Language Courses

SEMESTER 2

- Architectural Design and Right Tech Construction 2
- Fundamentals and History of Art and Architecture 2
- Fundamentals of Contemporary Architecture
- Principles of Architectural Representation 2
- Mathematics 2 / Chemistry
- French and English Language Courses

*An internship at a construction site for four weeks is mandatory.

SEMESTER 4

- Architectural Design Studio 4
- Urban Design 2
- Architectural Representation 4
- Fundamentals of Structural Analysis 2
- Right Tech Construction 4
- Humanities Electives

*An internship at a consultant agency for five weeks is mandatory.

SEMESTER 6

- Architectural Design Studio 6
- Landscape Design 2
- Context-Based Urban Design 2
- Architectural Representation 4
- Graduation Project 1
- Construction in Buildings 4
- Specialty Electives
- French and English Language Courses

*An internship at a consultant agency for six weeks is mandatory.

SEMESTER 8

- Concentration Courses
- Internship
- Graduation Project 2
- Graduation Thesis
- Inclusive Design Approach

*All language courses are mandatory to validate respective years.