جامعة الأخوين

AL AKHAWAYN
UNIVERSITY

Bachelor of Science
General Engineering

General Engineering

Through a challenging core in science, mathematics and engineering courses, coupled with a focused thematic area selected by the student, the program prepares the student to apply scientific and engineering approaches to solving problems in a modern industrial domain.

The emphasis in this program is on understanding fundamental engineering principles and their applications, and expanding this in a key area of engineering tailored by the student with an adviser. Graduates will understand essential engineering principles, and be able to identify, formulate, and solve general engineering problems, to select and use appropriate instrumentation and measurement equipment for concrete tasks, and to understand the impact of engineering solutions in a global context. They will be able to communicate effectively and operate in technical multidisciplinary teams to reach engineering objectives.

Scholarships | Financial Aid

Financial assistance is available for students demonstrating academic merit and/or financial need. This assistance may include scholarships, grants, loans, or work-study aid.

Engineering Core

Physical Sciences and Mathematics

Computer Aided Engineering

Statics & Dynamics

Materials

Digital Design

Fluid Mechanics

Thermodynamics

Electric Circuits

Instrumentation

Sample Thematic Areas:

Renewable energy

Electrical Engineering

Biotechnology

Logistics

Software Engineering

International Engineering

Career Opportunities

The program produces graduates able to address engineering problems with specific applications in an industrial setting. Students who successfully complete this program are well prepared for work in engineering areas or for further specialization in the more advanced areas of the engineering. They will also be prepared for jobs in fields related to information technology, such as product development/support or sales. Some jobs of current graduates: startup owner, software engineer, regional sales manager, quality manager, vice president for research and development, associate professor, IT director, product manager, network engineer. 38% of graduates have earned masters degrees in various fields.

The degree, like all other Al Akhawayn University degrees, is accredited by the Moroccan Government (Bulletin Officiel no.5998).

Apply online at **www.aui.ma/admissions**