

جامعة الأخوين

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AL AKHAWAYN
UNIVERSITY



I choose

General Engineering

Bachelor of 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.

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 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.

This degree, like all other Al Akhawayn University degrees, is a state diploma (Bulletin Officiel no.5998).

Apply online at
www.aui.ma/admissions



For more information:

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