



*I choose*

Engineering & Management Science

# Bachelor of Engineering & Management Science

Through a challenging core in science, mathematics and engineering courses, coupled with a core in business and management, the program prepares the student to apply scientific and engineering approaches to solving problems in a modern industrial domain. Graduates will understand essential engineering principles, and be able to identify, formulate, and solve 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 understand issues pertinent to resource management, business performance and profitability, and will be able to communicate effectively and operate in technical multidisciplinary teams to reach business objectives, and to serve as change agents in their workplace based on their technical abilities as well as their interpersonal skills.

## Engineering Core Courses

- Physical Sciences & Mathematics
- Computer Aided Engineering
- Statics & Dynamics
- Materials
- Digital Design
- Fluid Mechanics
- Thermodynamics
- Electric Circuits

## Management Concentration Courses

- Economics
- Accounting
- Statistics
- Management
- Quantitative Methods
- Operations Management
- Finance

## 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 business aspects of engineering areas or for further specialization in the more advanced areas of engineering, business, or computing. Some jobs of current graduates: logistics coordinator, business support analyst, project manager, commercial manager, oilfield services engineer, quality process engineer, operations and supply chain manager. 30% 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](http://www.aui.ma/admissions)



### For more information:

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