

USJ



Université Saint-Joseph de Beyrouth
Faculté d'ingénierie et d'architecture
École supérieure d'ingénieurs
de Beyrouth

MECHANICAL ENGINEERING

MECHATRONICS
ENERGY
MECHANICAL DESIGN



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Objectives

To form high-level scientific and technical mechanical engineering graduates, with a global and multidisciplinary approach to projects and their management, and operational in the fields of energy, building mechanics, automation, automotive, aeronautics, mechanical design, materials, robotics, and mechatronics.

Job Opportunities

Graduates work for a range of companies in the public and private sectors:

- Manufacturing and Production
- Automotive Industry
- Aerospace
- Energy and Power Generation
- Building Systems and HVAC
- Robotics and Automation
- Biomedical and Healthcare
- Renewable Energy
- Consulting and Project Management
- Automated Control and Instrumentation
- Materials Science and Metallurgy

Job titles

Common job titles for mechanical engineers are:

- Design, product development and manufacturing engineer for mechanical systems
- Project and operations management engineer
- Quality control and testing engineer
- Automation and robotics engineer
- Automotive engineer
- Aerospace engineer
- Energy and power systems engineer
- Technical sales or business engineer
- Research and development
- Consulting, etc.



Programs and specialties

The mechanical engineering program consists of five years (300 ECTS credits) with three specialized options that are offered as follows:

- Mechatronics
- Energy
- Mechanical design