Mechatronics BSc course

Our Mechatronics program focuses on real-world application of engineering principles. Mechatronics engineers are usually the link between mechanical, electrical and computer engineers. They work from the conception phase of a product to the final production and assist in the design, development, testing, production and maintenance of simple electrical/electronic/mechanical equipment and components.

Mechatronics studies focus on core areas such as:

- Applied Mechanics
- Programmable Controllers
- Testing and measuring instruments.
- Computer Hardware and Software
- Materials Science
- Analog/Digital Electronics and Communications
- Automation and Control Systems
- Computer Programming
- Microcontrollers

This BSc course has no specializations, but there are numerous optional subjects to allow of studying different fields of interest.

Graduated students may

- Use testing and measuring instruments to acquire data, analyze problems, and design a system or process.
- Identify, analyze and solve technical problems.
- Demonstrate an ability to manage engineering technology projects.
- Analyze and implement systems containing hardware and software components.