**Degree program:** Mechanical Engineer in Agriculture and Food Industry

Specialization:

* Food Industry Engineering

**Level of education:** Bachelor of Science (BSc)

**Language:** Hungarian

**Duration:** 7 semesters

**Credits:** 210

**Short description:**

This course is a traditional program at the Faculty of Engineering for students interested in agriculture and food industry. During this training thorough knowledge can be obtained in agricultural and food processing equipment. Acquiring technical and economical knowledge students will be able to operate, design, and install equipments in related industries.

* **Basic subjects**: Mathematics, Descriptive geometry, Physics, Mechanics, Technical drawings, Economics, Chemistry, Informatics, Quality management, Communication, Management, Business law
* **Special subjects**: Thermodynamics and energy management, Hydraulics, Food industrial equipments, Machines of Plant Culture, Machines of animal husbandry, Building services engineering, Engines and vehicles, Technical diagnostics, Food Packaging, Special food technology, Special food industrial machines, Engines, Machine elements, Environmental informatics, Logistics, Work Safety
* **Elective subjects**: Designing of Pneumatic Drives, PLC programming, Utilisation of renewable and alternative energy sources, Food Wastes Treatment, Air Pollution Management

**Career perspectives**

Due to Faculty has a wide range of industrial relations, practical training and positions at the labour market after graduation for our students are assured. After graduating Mechanical Engineers in Agriculture and Food Industry will be able tooperate and install agricultural and food industrial equipments and environmentally friendly production systems**,** collaborate in complex engineering works, prepare and manage production, operational and maintenance processes, apply and develop simple computer programmes and computer networks.