

(cf. RNCIS: http://www.rncis.ro/portal/page?_pageid=117,70218&_dad=portal&_schema=PORTAL)

Title and name of qualification

Graduation title:	Engineer				
Name of qualification :	Machines and plants for Agriculture and Food Industry	Qualification code	L20701018060	Contact person	Contact ACPART - ACPART

Identification elements related to qualification

Education level:	Bachelor Studies
Fundamental domain of study:	Engineering Sciences
Branch of science:	Mechanical Engineering, Mecatronics, Industrial Engineering and Management
Domain-based ranking:	Mechanical Engineering
Domain of study:	Mechanical Engineering
Study programme:	Machines and plants for Agriculture and Food Industry
Total number of credits:	240
Length of study:	4 years
Prerequisites:	
Details:	

Summary of qualification

Professional competences:

- Identification, defining and use of elements from fundamental sciences specific for engineering
- The use of principles and graphic tools for description and design of systems.
- Selection, installation, operation and maintenance of systems in the mechanical engineering field.
- Identification, description and interpretation of the technological and biotechnical systems related to the design, the construction and the operation of the machines and equipment for agriculture and food industry
- Application of advanced methods in the design, construction and operation of the machines and equipment for agriculture and food industry.
- Management, marketing and quality assurance in agriculture and food industry.

Cross- disciplinary competences:

- Complying with the principles, norms and values of the professional ethics code by approaching a rigorous, efficient and responsible working strategy in solving problems and making decisions
- Application of techniques of relationship and efficient work in multidisciplinary teamwork for various hierarchical levels within the working group – specific project management
- Appropriate use of efficient learning methods and techniques throughout the entire life; appropriate use of information as well as of oral and written communication in a European language