

(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	Economic engineering in the chemical and material industry	Qualification code	L20706023070	Contact person	Contact ACPART - ACPART

Identification elements related to qualification

Education level:	Bachelor Studies
Fundamental domain of study:	Engineering science
Branch of science:	Mechanical engineering, mecatronics, industrial engineering and management
Domain-based ranking:	Engineering and management
Domain of study:	Engineering and management
Study programme:	Economic engineering in the chemical and material industry
Total number of credits:	240
Length of study:	4 years
Prerequisites:	
Details:	

Summary of qualification

Professional competences:

Performing calculations, demonstrations and applications in order to solve tasks specific to the fields of management and engineering, based on the knowledge acquired from fundamental and engineering sciences.

Drawing up and interpretation of the technical, economic and management specifications.

Management of production activities in companies, including small and medium-sized ones, and of related logistic networks.

Manufacturing, processing and description of materials.

Technical and technological design of processes specific to chemical and material industries; quality assurance and control of resulting products.

Management of activities specific to chemical and material industries; design of economic and financial flows in a company; project management.

Cross- disciplinary competences:

Responsible application of the principles, norms and values of professional ethics in performing professional tasks and in identifying objectives, available resources, work stages, execution time, deadlines and risks.

Identification of specific roles and responsibilities within a multi-disciplinary work team and implementation of communication and organizational effectiveness

Identification of lifelong learning opportunities and effective use of information and documentation sources, as well as of computer-assisted professional development resources (web portals, specific software applications, databases, online courses, etc.) both in Romanian and in a language of international circulation.