

(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	Inorganic substances engineering and environmental protection	Qualification code	L10302005010	Contact person	Contact ACPART - ACPART

Identification elements related to qualification

Education level:	Bachelor Studies
Fundamental domain of study:	Mathematics and natural science
Branch of science:	Chemistry and chemical engineering
Domain-based ranking:	Chemical engineering
Domain of study:	Chemical engineering
Study programme:	Inorganic substances engineering and environmental protection
Total number of credits:	240
Length of study:	4 years
Prerequisites:	
Details:	

Summary of qualification

Professional competences:

Description, analysis and use of the basic concepts and theories from engineering science field
Description, analysis and use of the basic concepts and theories from chemistry and chemical engineering field
Processes and systems operation applying the knowledge from chemical engineering field
Operation of the inorganic chemical technologies and of the remediation technologies
Achieving of some technological design elements, assisted management and optimization of the processes from the profile industry
Interdisciplinary approach (based on knowledge of mathematics, physics and chemistry) of chemical engineering problems

Cross- disciplinary competences:

Performing the professional tasks in accordance with the specified requirements and imposed time, with the rules of professional ethics and moral conduct, following a predetermined work plan and qualified guidance
Solve the professional tasks in accordance with the overall objectives set by integrating in the working group and the distribution of tasks to subordinate levels
Information and permanent documentation in its field of interest in Romanian and in a foreign language with the use of modern information and communication