(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	**Environmental engineering and protection in industry**	Qualification code	**L20705019010**	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, Mechatronics, Industrial Engineering and Management				
Domain-based ranking:	Environmental engineering				
Domain of study:	Environmental engineering				
Study programme:	Environmental engineering and protection in industry				
Total number of credits:	240				
Length of study:	4 years				
Prerequisites:					
Details:					

Summary of qualification

Professional competences:

Explanation of the anthropogenic or natural origin mechanisms, processes and effects that determine and influence the environmental pollution

Management and solving of specific environmental issues for sustainable development.

Applying of general principles of computing technology

Development and operation of the pollutants monitoring systems

Environment quality control, impact and risk assessment and development of the technological optiions with minimum impact on the environment in accordance with the requirements of BAT / BREF and legislation

Conducting of the specific activities for management and marketing in environment engineering and protection

Cross- disciplinary competences:

Identification and compliance of the professional ethics and deontology rules, taking responsibility for the taken decisions and the related risks

Identification of the roles and responsibilities in a multidisciplinary team and application of relational techniques and effective workwithin the team

Efficient use of the informational sources and communication resources and professional assisted training (portals, Internet, specialized software, data bases, online courses, etc..) both in Romanian and in an international language