

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

## Title and name of qualification

Graduation title	Engineer				
Name of qualification	<b>Land Measurements and Cadastral Survey</b>	Qualification code	<b>L20301003010</b>	Contact person	Contact ACPART - ACPART

## Identification elements related to qualification

Education level:	Bachelor Studies
Fundamental domain of study:	Engineering Sciences
Branch of science:	Geologic Engineering, Mining, Oil and Gas
Domain-based ranking:	Geologic Engineering, Geodetic Engineering
Domain of study:	Geodetic Engineering
Study programme:	Land Measurements and Cadastral Survey
Total number of credits:	240
Length of study:	4 years
Prerequisites:	
Details:	

## Description of qualification

### Professional competences:

Design and execution of spatial geodetic networks for topographic and cadastral surveys and for other engineering works
Execution of topographic specific surveys for drawing plans and topographic and thematic maps
Town network survey using measurements of angles, distances and elevations for geodetic purposes, and their reduction to the reference surface
Field application of urban and land management projects, civil and industrial engineering projects, communication means and art works, hydrotechnical and land improvement works, etc.
Prediction of displacements and deformations in buildings and lands
Designing Land Information Systems in Cadastre and relevant domains and using them for real estate works and property evaluation

### Cross- disciplinary competences:

Ability to find efficient solutions to problems according to the norms and values of professional ethics
Ability to use communication techniques at various hierarchy levels
Ability to self evaluate the need for professional training, improvement, professional development; ability to develop the acquired competences and to adapt to the requirements of a dynamic society.