PhD program in Analytical Chemistry (2013)

The total minimum required number of credits: 103 credits

- Coursework: 23 credits
  - + Basic courses: 13 credits
    - Required: 09 credits
    - Elective: 04/8 credits
  - + Advanced foreign languages for academic purposes: 04 credits
  - + Advanced courses: 04 credits
  - + Overview: 02 credits
- Research
- PhD Thesis: 80 credits

Available curriculum :

No	Code	Subjects	Credits	Credit hours			Prerequisite
				Lecture	*Practice*	*Self-study*	
I	**Part 1. Coursework**						
I.1	**Basic courses**		**13**				
I.1.1	***Required***		***9***				
1	CHE8050	*Special topics in analytical chemistry 1*	3	30	15		
2	CHE8051	*Special topics in analytical chemistry 2*	3	30	15		
3	CHE8052	*Morden methods in analyte treatment*	3	30	15		
I.1.2	***Elective***		***4/8***				
4	CHE8053	*Sensors in analytical chemistry*	2	30			

No	Code	Subjects	Credits	Credit hours			Prerequisite
				Lecture	*Practice*	*Self-study*	
5	CHE8054	*Topics in PhD thesis*	2	30			
6	CHE8055	*Spectroelectrochemical analysis methods*	2	30			
7	CHE8056	*Chemical speciation*	2	30			
I.2	**Advanced foreign languages for academic purposes**		**4**				
8	ENG8001	*Advanced English for Academic Purposes*	4			60	
I.3	**Advanced courses**		**4/8**				
9	CHE8057	*Fluorescence analysis*	2	30			
10	CHE8058	*Kinetic methods in analytical chemistry*	2	30			
11	CHE8059	*Biochemical analysis*	2	30			
12	CHE8060	*Electrophoresis methods*	2	30			
I.4	**Overview**		**2**				
13	CHE8061	Overview	2			30	
II	**Part 2. Research (research planning, publishing …)**						
III	**Part 3. Doctoral Thesis**						
14	CHE9003	Doctoral Thesis	80				
		Total	**103**				