

PhD program in Organic Chemistry (2013)

The total minimum required number of credits:	103 credits
- Coursework:	23 credits
+ Basic courses:	13 credits
• Required:	09 credits
• Elective:	04/9 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	CHE8030	<i>Selected topics in organic chemistry 1</i>	3	30	15		
2	CHE8031	<i>Selected topics in organic chemistry 2</i>	3	30	15		
3	CHE8032	<i>Advanced methodology in organic chemistry</i>	3	30	15		
I.1.2	Elective		4/6				
4	CHE8033	<i>Natural product</i>	2	30			

No	Code	Subjects	Credits	Credit hours			Prerequisite
				Lecture	Practice	Self-study	
		<i>synthesis</i>					
5	CHE8034	<i>Asymmetric synthesis</i>	2	30			
6	CHE8035	<i>Total synthesis</i>	2	30			
I.2	Advanced foreign languages for academic purposes		4				
7	ENG8001	<i>Advanced English for Academic Purposes</i>	4			60	
I.3	Advanced courses		4/6				
8	CHE8036	<i>Bio-organic chemistry</i>	2	30			
9	CHE8037	<i>Organometallic catalysis</i>	2	30			
10	CHE8038	<i>Phase-transfer catalysis</i>	2	30			
I.4	Overview		2				
11	CHE8039	Overview	2			30	
II	Part 2. Research (research planning, publishing ...)						
III	Part 3. Doctoral Thesis						
12	CHE9002	Doctoral Thesis	80				
		Total	103				