

PhD program in Environmental Chemistry (2013)

The total minimum required number of credits:	104 credits
- Coursework:	24 credits
+ Basic courses:	14 credits
• Required:	09 credits
• Elective:	5/10 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		14				
I.1.1	Required		9				
1	CHE8130	<i>Selective Matters in Environmental Chemistry</i>	3	30	15		
2	CHE8131	<i>Selective Matters in Environmental Technology</i>	3	30	15		
3	CHE8132	<i>Fate and Transport Processes of</i>	3	30	15		

No	Code	Subjects	Credits	Credit hours			Prerequisite
				Lecture	Practice	Self-study	
		<i>Contaminants in the Environment</i>					
I.1.2	Elective		5/10				
4	CHE8133	<i>Hazardous Waste Management and Treatment)</i>	3	30	15		
5	CHE8134	<i>Physiochemical Processes in water and Wastewater Treatment</i>	3	30	15		
6	CHE8135	<i>Environmental Re-creation and Recovery</i>	2	30			
7	CHE8136	Kiểm soát chất lượng môi trường không khí (<i>Air Quality Control</i>)	2	30			
I.2	Advanced foreign languages for academic purposes		4				
8	ENG8001	<i>Advanced English for Academic Purposes</i>	4			60	
I.3	Advanced courses		4/8				
9	CHE8137	<i>Renewable Energy</i>	2	30			
10	CHE8138	<i>Catalytic and Adsorptive Materials in Environmental Treatment</i>	2	30			
11	CHE8139	<i>Toxicant Metabolism and Effect in Environment</i>	2	30			
12	CHE8140	<i>Chemical Ecology</i>	2	30			
I.4	Overview		2				
13	CHE8141	Overview	2			30	
II	Part 2. Research (research planning, publishing ...)						
III	Part 3. Doctoral Thesis						

No	Code	Subjects	Credits	Credit hours			Prerequisite
				<i>Lecture</i>	<i>Practice</i>	<i>Self- sudy</i>	
14	CHE9007	Doctoral Thesis	80				
		Total	104				