

# THE MASTER PROGRAMME

MAJOR: **Ecology**

CODE: **8420101.20**

(Issued under the Decision No. 4244/QĐ-ĐHQGHN, on October 29, 2015 by  
the Rector of the Vietnam National University, Hanoi)

## PROGRAMME STRUCTURE

### 1. Summary of programme curriculum requirements

Total credits for graduation:	64 credits
- General courses:	7 credits
- Specialised courses:	39 credits
+ <i>Compulsory course</i> :	18 credits
+ <i>Elective courses</i> :	21/43 credits
- Thesis:	18 credits

### 2. Programme curriculum

No	Course code	Course name	Credits	Credit hours			Prerequisite courses
				Lecture	Practice	Self-study	
<b>I</b>	<b>General courses</b>		<b>7</b>				
1.	PHI5001	<i>Philosophy</i>	3	30	15		
2.	ENG5001	<i>General English</i>	4	30	30		
<b>II</b>	<b>Specialised courses</b>		<b>39</b>				
<b>II.1.</b>	<b><i>Compulsory course</i></b>		<b>18</b>				
3.	ENG6001	<i>English for Academic Purposes</i>	3				
4.	BIO6001	<i>Biosystematics</i>	3	30		15	
5.	BIO6002	<i>Molecular Cell Biology</i>	3	30		15	
6.	BIO6062	<i>Biodiversity and Conservation</i>	3	30		15	BIO6001, BIO6002
7.	BIO6052	<i>Terrestrial Ecology</i>	3	30		15	BIO6001, BIO6002
8.	BIO6011	<i>Aquatic Ecology</i>	3	30		15	BIO6001, BIO6002

No	Course code	Course name	Credits	Credit hours			Prerequisite courses
				Lecture	Practice	Self-study	
<b>II.2.</b>	<b><i>Elective courses</i></b>		<b>21/43</b>				
9.	BIO6009	<i>Population Ecology</i>	3	30		15	BIO6001, BIO6002
10.	BIO6007	<i>Ecosystem Ecology</i>	3	30		15	BIO6001, BIO6002
11.	BIO6008	<i>Forest Ecosystem</i>	3	30		15	BIO6001, BIO6002
12.	BIO6010	<i>Agroecosystem</i>	3	30		15	BIO6001, BIO6002
13.	BIO6021	<i>Restoration Ecology and Sustainable development</i>	2	20		10	BIO6001, BIO6002
14.	BIO6085	<i>Landscape ecology</i>	3	30		15	BIO6001, BIO6002
15.	BIO6024	<i>Zoogeography</i>	2	20		10	BIO6001, BIO6002
16.	BIO6054	<i>Ecotoxicology</i>	3	30		15	BIO6001, BIO6002
17.	BIO6053	<i>Mathematical Ecology</i>	3	30		15	BIO6001, BIO6002
18.	BIO6055	<i>Remote sensing and GIS applying in Ecology</i>	3	25	15	5	BIO6001, BIO6002
19.	BIO6056	<i>Eco-development</i>	3	30		15	BIO6001, BIO6002
20.	BIO6086	<i>Ecology and climate change</i>	3	30		15	BIO6001, BIO6002
21.	BIO6087	<i>Ecosystem pollution</i>	3	30		15	BIO6001, BIO6002
22.	BIO6075	<i>Biological indicators of environmental conditions</i>	3	30		15	BIO6001, BIO6002
23.	BIO6076	<i>Wetlands</i>	3	30		15	BIO6001, BIO6002
<b>III</b>	<b>Thesis</b>		<b>18</b>				
24.	BIO7007	<i>Master's Thesis</i>	18				
<b>Total:</b>			<b>64</b>				