

Standard Master program in Oceanography

(Dated October 29th, 2015)

The total minimum required number of credits:	64 credits
- General courses (required):	07 credits
- Fundamental and core courses:	39 credits
+ Required:	18 credits
+ Elective:	21/42 credits
- Master thesis:	18 credits

Available curriculum

No	Code	Subjects	Credits	Credit hours			Prerequisite
				Lecture	Practice	Self-study	
I	General courses		7				
1	PHI5001	<i>Philosophy</i>	3	30	15	0	
2	ENG5001	<i>General English</i>	4	30	30	0	
II	Fundamental and core courses		39				
II.1	Required		18				
3	ENG6001	<i>English for academic purposes</i>	3	15	15	15	ENG5001
4	HMO6062	<i>Marine mechanics</i>	3	15	15	15	
5	HMO6063	<i>Ocean database</i>	3	15	15	15	
6	HMO6064	<i>Hydrometeorology of Vietnam East Sea</i>	3	15	15	15	
7	HMO6071	<i>Special topics in oceanography</i>	3	15	15	15	
8	HMO6075	<i>Marine weather forecasting</i>	3	15	15	15	

II.2	Elective		21/42				
9	HMO6072	<i>Numerical models for marine & ocean hydrodynamic processes</i>	3	15	15	15	
10	HMO6067	<i>Coastal line change prediction</i>	3	15	15	15	HMO6062
11	HMO6065	<i>Shelf hydrodynamics</i>	3	15	15	15	HMO6062
12	HMO6073	<i>Data analysis methods in Oceanography</i>	3	15	15	15	
13	HMO6074	<i>Oceanic biochemical processes</i>	3	15	15	15	
14	HMO6003	<i>Climatology and climate change</i>	3	15	15	15	
15	HMO6013	<i>Numerical weather prediction verification</i>	3	15	15	15	
16	HMO6045	<i>Coastal and estuarine processes</i>	3	15	15	15	
17	HMO6068	<i>Resources and environment of Vietnam East Sea</i>	3	15	15	15	HMO6064
18	HMO6069	<i>Models for marine matter transport</i>	3	15	15	15	HMO6062
19	HMO6070	<i>Mathematical models for marine ecosystem</i>	3	15	15	15	
20	HMO6066	<i>Sea level oscillation</i>	3	15	15	15	HMO6062
21	HMO6076	<i>Modeling of coastal morphology change</i>	3	15	15	15	
22	HMO6077	<i>Applications of remote sensing in oceanography</i>	3	15	15	15	
III	Master thesis		18				
23	HMO7211	<i>Master thesis</i>	18	30	0	240	
		Total	64				