

Standard Master program in Meteorology (Meteorology and Climatology)

The total minimum required number of credits is:	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

	Code	Subjects	Credits	Credit hours			Prerequisite
				<i>Lecture</i>	<i>Practice</i>	<i>Self-study</i>	
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	HMO6001	<i>Dynamic Meteorology III</i>	3	15	15	15	
5	HMO6002	<i>Dynamic Climatology</i>	3	15	15	15	
6	HMO6003	<i>Climatology and Climate Change</i>	3	15	15	15	

	Code	Subjects	Credits	Credit hours			Prerequisite
				Lecture	Practice	Self-study	
7	HMO6006	<i>Statistical analysis and forecasting</i>	3	15	15	15	
8	HMO6008	<i>Physics of Climate II</i>	3	15	15	15	
II.2	<i>Elective</i>		21/42				
9	HMO6004	<i>Atmospheric Convection</i>	3	15	15	15	
10	HMO6005	<i>Radiation in the atmosphere</i>	3	15	15	15	
11	HMO6007	<i>Numerical Weather Prediction Techniques</i>	3	15	15	15	
12	HMO6009	<i>Objective Analysis and Data Assimilation</i>	3	15	15	15	
13	HMO6010	<i>Monsoon Meteorology</i>	3	15	15	15	
14	HMO6011	<i>Mesoscale Meteorology and Modeling</i>	3	15	15	15	
15	HMO6012	<i>Tropical cyclone modeling</i>	3	15	15	15	
16	HMO6013	<i>Numerical weather prediction verification</i>	3	15	15	15	
17	HMO6014	<i>Application of remote sensing in meteorology</i>	3	15	15	15	
18	HMO6015	<i>Ensemble prediction</i>	3	15	15	15	
19	HMO6016	<i>Atmospheric boundary layer modeling</i>	3	15	15	15	
20	HMO6038	<i>Responses to climate change in water resource development</i>	3	15	15	15	

	Code	Subjects	Credits	Credit hours			Prerequisite
				Lecture	Practice	Self-study	
21	HMO6075	<i>Marine weather forecasting</i>	3	15	15	15	
22	HMO6064	<i>Hydrometeorology of Vietnam East Sea</i>	3	15	15	15	
III	<i>Master thesis</i>		18				
23	HMO7001	<i>Master thesis</i>	18	30	0	240	
Total			64				