

BACHELOR PROGRAM IN ENVIRONMENTAL TECHNOLOGY

Number of credits required: 130

Semester	Code	Name	Number of credit
Semester I (17 credits)		Basic principles of Marsism-Leninism 1	2
		English 1	3
		Linear Algebra	2
		General Chemistry	3
		General Physics	3
		Fundamentals of Law	2
		Physical education 1 (Athletics)	2
		Military Education 1	2
		Các học phần tự chọn	2
		Communication Skills	2
		General Psychology	2
		General Logics	2
		Fundamental of State Administration	2
		Principles of Management	2
Semester 2 (18 credits)		Basic principles of Marsism-Leninism 2	3
		English 2	4
		Mathematical Analysis	3
		Colloidal Chemistry	3
		Engineering Drawing	2
		Basic Informatics	3
		Physical education 2	2
		Military Education 2	2
Semester 3 (17 credits)		Ho Chi Minh Ideology	2
		Analytical Chemistry	3
		Revolutionairy strategies of Vietnam Communist Party	3
		Environmental Ecology	3
		Physical education 3	2
		Các học phần tự chọn	6
		Enperimental design and analysis	3
		Fluid Mechanics	3
		Probability theory and mathematical statistics	3

		Earth Science	3
Semester 4 (17 credits)		Electrical and Electronic Engineering	3
		Heat Engineering	2
		Environmental Chemistry	4
		Environmental Microbiology	3
		Environmental Biochemistry	2
		Các học phần tự chọn	3
		AutoCAD	3
		Environmental Hydrology	2
		Occupational Safety and Industrial Environmental Sanitation	2
Semester 5 (18 credits)		Climate change	2
		Methods for Environmental Analysis	3
		Waste-water Treatment Engineering	4
		Environmental Management	3
		Environmental Hydraulics	3
		Các học phần tự chọn	3
		Cleaner Production	3
		Environmental Toxicology	2
		Applied Mechanics	3
Semester 6 (19 credits)		Environmental Process and Equipment 1	3
		Solid Waste Treatment Engineering	4
		Environmental Process and Equipment 2	3
		Noise Treatment and Air Pollution Control Engineering	4
		Research Methodology	2
		Các học phần tự chọn	3
		Environmental Impact Assessment	3
		GIS in environmental management	3
Semester 7 (14 credits)		Models for Waste Treatment	2
		Water-supply Treatment Engineering	3
		Subject practicum (8 weeks)	4
		Các học phần tự chọn	5
		Soil Pollution Treatment Engineering	2
		Environmental Economics	2
		Environmental Modelling	3
		ISO 14000 and Environmental Auditing	2
		Environmental Monitoring	2

		Green Technology	2
Semester 8 (10 credits)		Đồ án tốt nghiệp hoặc tương đương	10
		Water supply and drainage Systems	4
		Environmental Biotechnology	3
		Environmental Planning	3