



PROGRAM SPECIFICATION

Type of education

Academic Year

Major

0 - Undergraduate Programs

2022

902 - Environmental Science

Show

Xem danh mục môn tương đương 4 + 1

Note:

The compulsory subject in the selective group

Subjects only for bachelor

Special subjects

A.1 and Politics and argumentation	A.2 Social Sciences	A.3 Natural Sciences	A.4 English	A.5 Support skill	A.6 Physical Educations	A.7 National Defense Education	A.8 Informatics	B.1 Core Education	B.1 Compulsory Knowledge Education	B.2.1 General knowledge	B.2.2 Specialized Knowledge	B.2.3 Graduation of bachelor's degree	C.1 In- depth knowledge	C.1.2 Graduate knowledge of engineering degree
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Course: 220902; Số tín chỉ tích lũy cơ bản: 141; Số tín chỉ tích lũy kỹ sư: 163

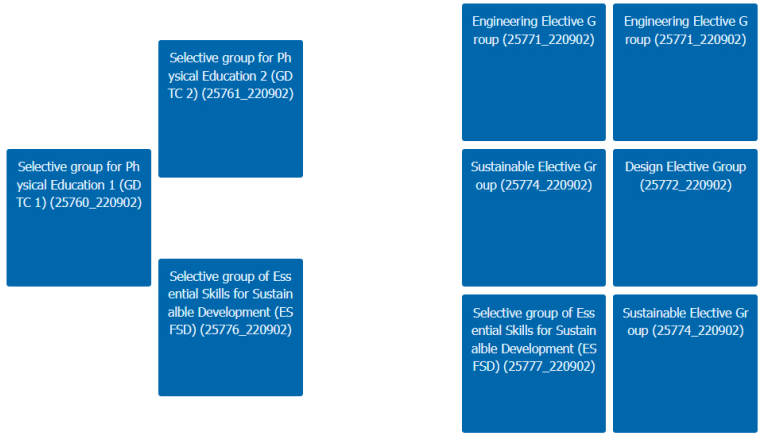
Semester 1	Semester 2	Semester 3	Semester 4	Semester 5	Semester 6	Semester 7	Semester 8	Semester 9	Semester 10
G01001 Fundamentals of Informatics 1 2(1,1,0)	D01001 Swimming 0(1,1,0)	900010 Autocad 2(0,2,0)	902119 Biodiversity Conservation 2(2,0,0)	P15C50 The Certificate of English 0(0,0,0)	902065 Environmental Impact Assessment 2(2,0,0)	902043 Environmental Resources Management 3(3,0,0)	901134 Topics on Climate change: Mitigation and Adaptation 2(2,0,0)	902123 Graduation Thesis 12(0,12,0)	902CM7 Professional Skills Exam 2(0,0,2)
D02031 National Defense and Security Education - 1st Course 0(3,0,0)	G01M01 Microsoft Office Specialist (Microsoft Word) 0(0,0,0)	G01M02 Microsoft Office Specialist (Microsoft Excel) 0(0,0,0)	306104 Scientific Socialism 2(2,0,0)	P15C55 The Certificate of English 0(0,0,0)	902039 Air Pollution Control Design 3(3,0,0)	901127 Environmental Applied Ecology 2(2,0,0)	901132 Topics on Circular Economy and Sustainable Development 2(2,0,0)		902124 Graduation Internship 8(0,8,0)
D02032 National Defense and Security Education - 2nd Course 0(2,0,0)	G01002 Fundamentals of Informatics 2 2(1,1,0)	901085 Engineering Mechanics: Statics 2(2,0,0)	902009 Environmental Law and Policy 2(2,0,0)	306105 History of Vietnamese Communist Party 2(2,0,0)	L00050 Essential Skills for Sustainable Development 4(0,4,0)	902110 Experiment of Environmental Biology 2(0,2,0)	901136 Topics on Applied Research in Environmental Science and Engineering 2(2,0,0)		
D02033 National Defense and Security Education - 3rd Course 0(1,1,0)	901082 General Chemistry 2 2(2,0,0)	902069 Environmental Toxicology 2(2,0,0)	902052 Environmental Technology Process 3(3,0,0)	L00041 Essential Skills for Sustainable Development - Life Attitude 3 0(0,0,0)	902041 Solid and Hazardous Waste Management 3(3,0,0)		901133 Topics on Occupational Safety Health and Environmental Risk Management 2(2,0,0)		
D02034 National Defense and Security Education - 4th Course 0(0,2,0)	901122 General Chemistry Laboratory 1(0,1,0)	903119 International Standards for Safety Health and Environment 2(2,0,0)	901080 Hydrodynamics 2(2,0,0)	902056 Computational Methods in Environmental Engineering 2(2,0,0)	901009 Water Treatment Engineering 3(3,0,0)		901135 Topics on Environmental Project Design and Management 2(2,0,0)		
902118 Introduction to Environmental Engineering and Science 2(2,0,0)	P15011 English 1 5(5,0,0)	901125 Environmental Engineering Chemistry 2(2,0,0)	901088 Environmental Hydrology 2(2,0,0)	902066 Environmental Monitoring 2(2,0,0)	901031 Wastewater Treatment Engineering 3(3,0,0)		902121 Graduation thesis 6(0,6,0)		
901081 General Chemistry 1 2(2,0,0)	P15012 English 2 5(5,0,0)	306103 Political Economics of Marxism and Leninism 2(2,0,0)	P15014 English 4 5(5,0,0)	902063 Cleaner production 2(2,0,0)			902CM6 Professional Skills Exam 1(0,0,1)		
L00019 Essential Skills for Sustainable Development - Life Attitude 1 0(0,0,0)	306102 Philosophy of Marxism and Leninism 3(3,0,0)	L00033 Essential Skills for Sustainable Development - Life Attitude 2 0(0,0,0)	902050 Professional Communication for Engineers 2(2,0,0)	902111 Experiment of Environmental Technology Process 1(0,1,0)			902122 Graduation Internship 3(0,3,0)		
901118 General Physics Laboratory 1(0,1,0)	901123 Technical Drawing and Visualization 2(2,0,0)	902081 Environmental Analysis 3(2,1,0)		306106 Ho Chi Minh Ideology 2(2,0,0)					
901120 Introduction to Applied Mathematics 3(3,0,0)	901121 Probability and Statistics 2(2,0,0)	302053 Introduction to Laws 2(2,0,0)		902067 Applied Informatics of Environment 2(1,1,0)					

901117	2(2,0,0)
General Physics	

P15013	5(5,0,0)
English 3	

902109	3(3,0,0)
Environmental Microbiology	

901086	2(2,0,0)
Materials	



Selective group for Physical Education 1 (GDTC 1) (25760_220902)			Selective group for Physical Education 2 (GDTC 2) (25761_220902)			Engineering Elective Group (25771_220902)			Design Elective Group (25772_220902)		
D01101	Physical Education 1 - Football	0(1,1,0)	D01201	Physical Education 2 - Karate	0(0,2,0)	901092	Hydraulic Systems Design	2(2,0,0)	901040	Wastewater System Design	2(2,0,0)
D01102	Physical Education 1 - Taekwondo	0(1,1,0)	D01202	Physical Education 2 - Vovinam	0(0,2,0)	901129	Soil pollution treatment engineering	2(2,0,0)	901075	Potable Water System Design	2(2,0,0)
D01103	Physical Education 1 - Volleyball	0(1,1,0)	D01203	Physical Education 2 - Vietnamese Traditional Martial Art	0(0,2,0)	902064	Critical Analysis in Environmental Management	2(2,0,0)	902074	Solid Waste Systems Design	2(2,0,0)
D01104	Physical Education 1 - Badminton	0(1,1,0)	D01204	Physical Education 2 - Basketball	0(0,2,0)	902072	Environmental Planning and Design	2(2,0,0)	902077	Design of An Air Pollution Control System	2(2,0,0)
D01105	Physical Education 1 - Aerobic	0(1,1,0)	D01205	Physical Education 2 - Table Tennis	0(0,2,0)	903048	Occupational Health	2(2,0,0)			
D01106	Physical Education 1 - Tennis	0(1,1,0)	D01206	Physical Education 2 - Action Chess	0(0,2,0)	903063	Risk Management	2(2,0,0)			
D01120	Physical Education 1 - Fitness	0(1,1,0)	D01220	Physical Education 2 - Field Hockey	0(0,2,0)	903068	Systems Safety Engineering	2(2,0,0)			
D01121	Physical Education 1 - Hatha Yoga	0(1,1,0)	D01221	Physical Education 2 - Golf	0(0,2,0)	903081	Thermal Engineering	2(2,0,0)			

Sustainable Elective Group (25774_220902)		
903045	Occupational Safety Science	2(2,0,0)
903082	Introduction to Psychology: Physiological and Cognitive Psychology	2(2,0,0)
903085	Energy and Environment	2(2,0,0)
903114	Introduction to Occupational Safety and Health	2(2,0,0)
903116	Occupational Safety and Hygiene Law	2(2,0,0)

Selective group of Essential Skills for Sustainable Development (ESFSD) (25776_220902)		
L00044	Essential Skills for Sustainable Development - Team Building and Leadership Skills	0(0,0,0)
L00045	Essential Skills for Sustainable Development - Presentation Skills	0(0,0,0)
L00046	Essential Skills for Sustainable Development - Critical Thinking	0(0,0,0)
L00052	Essential Skills for Sustainable Development - Self-Study Skills	0(0,0,0)

Selective group of Essential Skills for Sustainable Development (ESFSD) (25777_220902)		
L00047	Essential Skills for Sustainable Development - 5S and Kaizen Skills	0(0,0,0)
L00048	Essential Skills for Sustainable Development - Decision-making Skills	0(0,0,0)
L00049	Essential Skills for Sustainable Development - Constructing Emotional Quotient	0(0,0,0)
L00051	Essential Skills for Sustainable Development - Startup	0(0,0,0)