Expected learning outcomes

Upon completion of the program, students are able to:	
General knowledge	**General knowledge (ELO1):** Apply the knowledge of natural science, politics, social science and humanities, law, economics, and awareness of contemporary issues in the field of environmental sciences.
Professional knowledge	**Core knowledge (ELO2):** Analyze environmental quality including designing and conducting experiments, collecting data, and interpreting results.
	Core knowledge (ELO3): Evaluate the impact of natural resource exploitation and emissions on environmental quality.
	Design/development of solutions (ELO4): Develop sustainable solutions for the management and protection of the environment and natural resources based on different perspectives of natural science, social science, and humanities.
	Design/development of solutions (ELO 5): Design waste treatment facilities (solid wastes, wastewater, and air pollutants) according to national and international standards and regulations.
General skills	**Thinking skills (ELO 6):** Apply systematic, critical, and creative thinking in solving problems in the environmental and related fields.
	Teamwork (ELO7): Work in groups and lead multi-functional teams effectively.
	Communication (ELO8): Communicate effectively via oral, written, and multimedia means with stakeholders in a dynamic environment; Satisfy the English requirement of the Ministry of Education and Training.
Professional skills	**Investigation and research (ELO 9): Apply** appropriate approaches, suitable methods, and techniques to investigate, survey, and study environmental problems.
	Technical skills (ELO 10): Use modern technology, equipment, and techniques in the management and protection of the environment and natural resources.
Ethics and Attitudes	**Career orientation and life-long learning (ELO11): Define** a clear career orientation; possess a passion for one's career and a sense of lifelong learning.
	Ethics and social responsibility (ELO12): Demonstrate ethical standards of the profession, carrying out the responsibility of environmental protection and serving the sustainable development of Vietnam and the world.