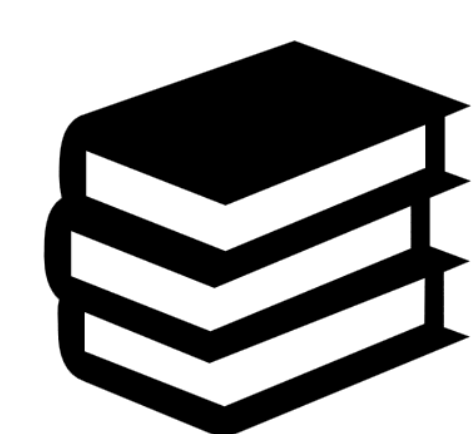


Expected learning outcomes

Indicator	Upon the completion of the course, student able to	Expected learning outcomes of program
Knowledge		
K1	Explain the relationship between components in the environmental system	ELO1: Apply the knowledge of natural sciences, politics, society, humanities, law, economics and understand contemporary issues in the field of environmental sciences
K2	Analyze environmental quality and the relationship between environment and development	ELO2: Analyze environmental qualities including design and implement the environmental tests, data collection and interpretation
K3	Appraise the principles, objectives, content and scientific basis of environmental management	ELO3: Evaluate the impact of resource use and emissions on environmental quality
K4	Select of legal, economic and technical tools for environmental management	ELO4: Develop sustainable solutions for the management and protection of the environment and resources based on different perspectives of science, humanities and society
Skills		
K5	Understand references in the field of Environment including English	ELO 6: Apply systematic thinking, critical thinking and creative thinking in solving environmental problems and related fields
K6	Planning, working independently, team work	ELO7: Work in group and Lead the multi-functional team
K7	Summarize related references, write and present reports on the current situation of environmental management	ELO 9: Apply appropriate approaches and methods, techniques to investigate, survey and study environmental issues
K8	Use computers skills such as Microsoft word, excel and PowerPoint in studying and working	ELO 10: Use modern technology, equipment and techniques in natural resources and environment management and protection activities
Attitude		
K9	Study and research, update knowledge proactively related to the environment management	ELO11: Determine a clear professional orientation, career passion and a sense of lifelong learning
K10	Establish habits and self-awareness attitude in environmental protection for sustainable development	ELO12: Demonstrate professional ethical standards, carrying out responsibility for environment



Brief descriptions

Chapter 1. The basics of environmental management

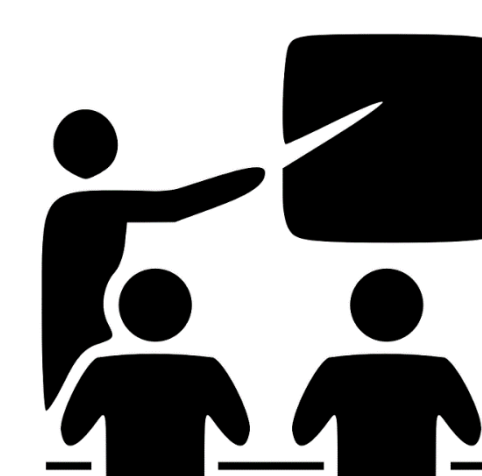
Chapter 2. Scientific basis of environmental management

Chapter 3. Tools in environmental management

Chapter 4. State management system on environmental protection

Chapter 5. Environmental management for urban and industrial areas

Chapter 6. Environmental management for rural areas and trade villages



Learning methods

- Join in the discussion, exchange idea in class
- Self-study: reading documents, doing exercises, studying materials
- Group learning: discuss issues related to the environmental impact aspects of the project
- E - learning: Search and look up documents; group discussion by topic; do homework



Assessment methods

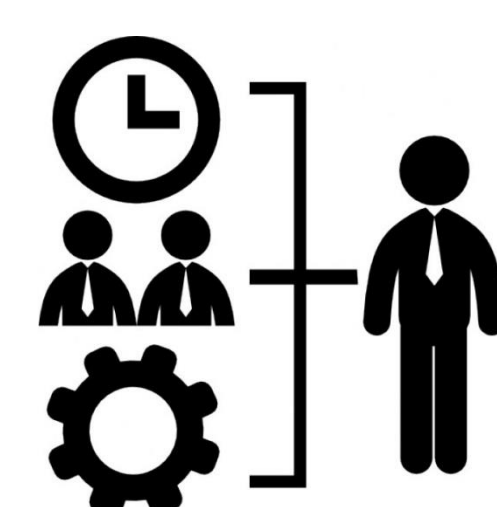
- Grading scale: 10
- Process evaluation: 40%, final examination: 60%

Group discussion (10%)	Group report and presentation (20%)	Individual exercises (10%)	Final examination (60%)
------------------------	-------------------------------------	----------------------------	-------------------------



Student tasks

- Attendance: Students must attend at least 75% of the class and participate in class activities
- Presentation and Discussion: Students must participate in class discussions; work in groups to make presentations; develop thematic essays on demand
- Self-study: Students should read, synthesizing materials provided by lecturers through E-learning system, conducting group discussions with the instructor's guidance



Key academic staffs

Dinh Thi Hai Van

Email: dinhthihaivan@vnua.edu.vn

Cao Trung Son

Email: caotruongson@vnua.edu.vn

Luong Duc Anh

Email: ldanh@vnua.edu.vn