COURSE SYLABUS

ENVIRONMENTAL TOXICOLOGY

Credits: 02 (Lectures 02 – Practices 0 – Self-study 06)

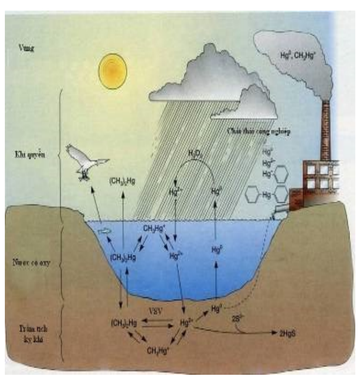
Code: MT03005

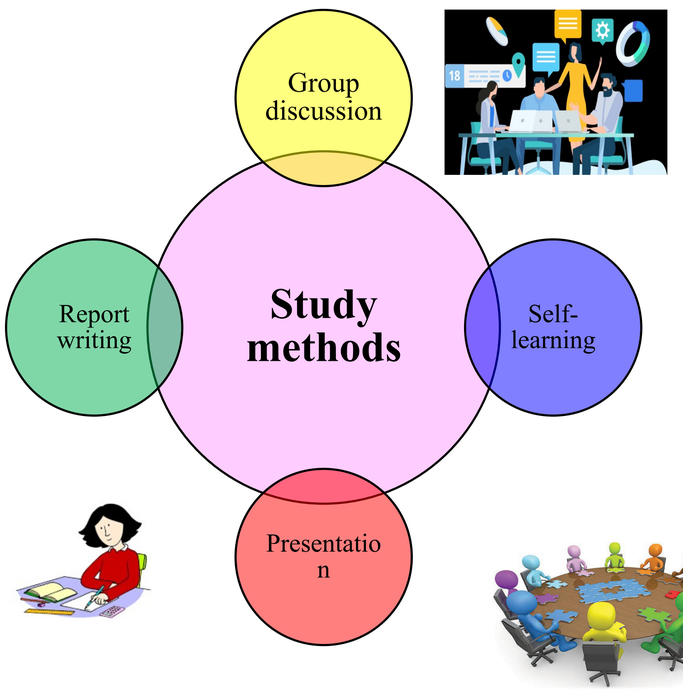
Expected Learning Outcomes

Indicator	Upon completion of the course, Student able to	Expected learning outcomes of program
Knowledge		
CELO1	Explain the basic concepts and principles of environmental toxicology	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.
CELO2	Describe the path of toxins in the environment and in the organism	ELO2: Analyze environmental quality including designing and conducting experiments, collecting data, and interpreting results.
CELO3	Identify the toxicity of some important pollutants in the environment	ELO3: Evaluate the impact of natural resource exploitation and emissions on environmental quality
CELO4	Analyze the causes, current status and remedies of some environmental incidents that have occurred.	ELO2: Analyze environmental quality including designing and conducting experiments, collecting data, and interpreting results. ELO3: Evaluate the impact of natural resource exploitation and emissions on environmental quality.
CELO5	Identify solutions to prevent and limit the impact of toxic substances on the environment and people	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.
Skills		
CELO6	Actively participate in group work, choose the right approach	ELO 9: Apply appropriate approaches, suitable methods, and techniques to investigate, survey, and study environmental problems
Attitude		
CELO7	Actively in learning and researching; Possess a sense of lifelong learning	ELO11: Define a clear career orientation; possess a passion for one's career and a sense of lifelong learning

Brief descriptions

- Outline on environmental toxicology
- Mechanism of absorption and toxicity to organisms
- Inorganic toxicants
- Organic toxicants
- Toxicology of dust and substances in the atmosphere
- Environmental incidents





Student tasks:

Attendance: All students attending this course must attend at least 75% of the lesson
Home preparation: All students attending this course must complete the task of preparing the required assignments.
- Presentation and Discussion: All students attending this course must complete at least two-thirds of the group discussion points.
- All students attending this course must complete the mid-term test.
- All students attending this course must complete the final exam.

Assessment methods

Attendance (10%)	Group discussion (10%)	Mid-term test (20%)	Final test (60%)

Key academic staffs

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