



SH04999: GRADUATION THESIS

(KHÓA LUẬN TỐT NGHIỆP)

Credits: 10 credits (Lecture: 0 – Practice: 10)

EXPECTED LEARNING OUTCOMES

Course objectives	COURSE EXPECTED LEARNING OUTCOMES After successfully completing this course, students are able to	Expected learning outcomes of program
Knowledge		
CELO1	Identify the needs and requirements of society for biotechnology products in management, production, and sales..	ELO2
CELO2	Understand the conformation of the products generated from the project with biosecurity, environmental, legal and ethical standards	ELO3
CELO3	Develop ideas for biotechnology products that can serve social needs	ELO4
CELO4	Design production models that can be applied in laboratory or industrial scale	ELO5
Skills		
CELO5	Apply critical and creative thinking skills to effectively solve issues related to the project	ELO6
CELO6	Write, analyze, and present research results of the project	ELO8
CELO7	Design experiments that are appropriate for the purpose of the project	ELO9
CELO8	Use appropriate methods and skills to collect, analyze, and interpret data for the project	ELO10
CELO9	Perform basic and intensive technical procedures fluently in the field of biotechnology for the purpose of the project	ELO11
CELO10	Introduce the possible usages of project results	ELO12
Attitudes		
CELO11	Comply with laws and rules for occupational safety throughout the project	ELO13
CELO12	Maintain professional ethics, fulfill one's duty to improve the well-being of the society throughout the project	ELO14
CELO13	Update and acquire new knowledge and experience to improve personal qualifications	ELO15

CONTENT

In the course, students will be guided by 1 to 2 advisors on how to apply the knowledge, experience and scientific research methods learned from the program to the conduct a scientific research project or applied research project in the field of agricultural biotechnology. Finally, the student is instructed by the advisors to write a report on that research project and defend it before the Committee.

STUDENT TASKS

- Complete the thesis proposal and implementation plan.
- Report the thesis proposal
- Complete the contents of the thesis proposal in accordance with regulations
- Present the progress report (mid-term) on the completion level of thesis at the department
- Strictly abide by the rules of the university, the faculty, and the internship facility; contact and report the results to the advisor as instructed
- Submit the graduation thesis.
- Defend the graduation thesis

ASSESSMENT METHODS

- Grading: 10 marks
- Average course score is the sum of all rubric scores multiplied by the respective weight of each rubric
- Weighting:
 - +Assessment of the graduation thesis given by the advisor : 20%
 - +Assessment of the graduation thesis given by the defense committee member: 20%
 - + Project assessment / defense assessment: 60%

LECTURERS

1. Dr.Nguyen Thi Thuy Hanh, 0968210990, ntthanh.sh@vnua.edu.vn
2. Lecturers participating in teaching the course: all lecturers of Faculty of Biotechnology and Visiting Lecturers meet the requirements as prescribed by HV

LEARNING METHODS

Reading articles, preparing and conducting experiments, asking questions, writing a graduation thesis

