NH02001: BOTANY

Total credits 3: theory 2 - practice 1 - Self-study 9

EXPECTED LEARNING OUTCOMES

Notation	Course expected learning outcomes After successfully completing this course, students are able to	Program expected learning outcomes
Knowledge		
K1	Apply the knowledge of botany to the field of biotechnology	ELO1
Skills		
K2	Effectively lead and cooperate in working groups	ELO7
K3	Applying skills to collect, analyze and process information for scientific research, learning and research.	ELO10
Ethics and Attitude		
K4	Take initiative in updating and accumulating knowledge and experiences to improve professional qualifications	ELO13, ELO15

COURSE DESCRIPTION

This course consists of 2 part: Plant anatomy and morphology (Plant cells and tissues; Vegetative organ of angiosperm; Reproduction in angiosperm) and Plant classification (Methods of classifying plants; Plant taxonomy and nomenclature, Brief in plant classification, Classification of Dicots plants; Classification of Monocots plants).

This course also consist of 5 practices: Plant cells and tissues; Anatomy of root, stem and leaf; Morphology of Leaves, Flower and Fruit; Classification of Dicots plants; Classification of Monocots plants

LEARNING METHODS

- Learning in class
- Team work
- Self learning
- E-learning

STUDENT TASKS

- All students taking this course must attended following University rules
- Read the relevant book chapter and handout before the class
- All students taking this course must attend 30 hrs of practices, one mid-term test and one final exam

LECTURERS

1. PhD. Phung Thi Thu Ha
2. MS. Nguyen Huu Cuong
3. MS. Pham Thi Huyen Trang
4. PhD. Nguyen Thi Hoa
5. PhD. Tran Binh Đa
6. PhD. Pham Phu Long

ASSESSMENT METHODS

- Grading: 10
- Average score of course is the total points of rubrics multiplied by the respective weight of each rubric.
- Formative assessment: Participation (10%) ; practical test (20%) and midterm test (10%)
- Summative assessment: Final exam/multiple choice and essay (60%)

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