



# SH03001: ENGLISH FOR BIOTECHNOLOGY

## (TIẾNG ANH CHUYÊN NGÀNH CNSH)

Credits: 2 credits (Lecture: 2 – Practice: 0)

### EXPECTED LEARNING OUTCOMES

Course objectives	COURSE EXPECTED LEARNING OUTCOMES After successfully completing this course, students are able to	Expected learning outcomes of program
<b>Knowledge</b>		
<b>CELO1</b>	- Understand commonly used terms in biotechnology, in biotechnology specialized articles - Understand some basic techniques from references in scientific research	ELO1
<b>Skills</b>		
<b>CELO2</b>	- Discussion in English on topics related to the field of biotechnology	ELO8
<b>Attitudes</b>		
<b>CELO3</b>	Proactively study to improve capacity and qualifications; Creativity accumulates knowledge and a sense of lifelong self-learning.	ELO15

### CONTENT

- Unit 1: Introduction to Biotechnology
- Unit 2: Cell biology;
- Unit 3: Ecology
- Unit 4: Biomolecules
- Unit 5: Genetics
- Unit 6: Genetic Engineering
- Unit 7: Bioinformatics
- Unit 8: Plant tissue culture
- Unit 9: Taxonomy
- Unit 10: Mushroom Biotechnology

### STUDENT TASKS

- Attend class: All students attending this module must attend at least 2/3 of the total number of hours of the course.
- Prepare for the lecture: All students attending this module must prepare the lesson before coming to class according to the learning plan of the module that the lecturer has agreed on.
- Seminar: All students attending this module must participate in seminars in groups according to the topic assigned by the lecturer.-
- Discussion: according to the questions raised by the teacher in the lessons.
- Mid-term exam: All students participating in this module must take the midterm exam
- Final exam: All students who attend this module must take the final exam
- For online learning: students need to install learning software and fulfill the instructors' requirements on online learning

### ASSESSMENT METHODS

- Grading: 10 marks
- Average course score is the sum of all rubric scores multiplied by the respective weight of each rubric
- Weighting:
  - Class attendance: 10%
  - Group work score: 10%
  - Mid-term test score: 20%
  - Final exam: 60%



### LEARNING METHODS

- Read the documents, lecture notes, books and references, prepare lessons according to the learning plan agreed upon by lecturers
- Work in seminar groups according to the content that the group has been assigned
- Online Learning

### LECTURERS

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