

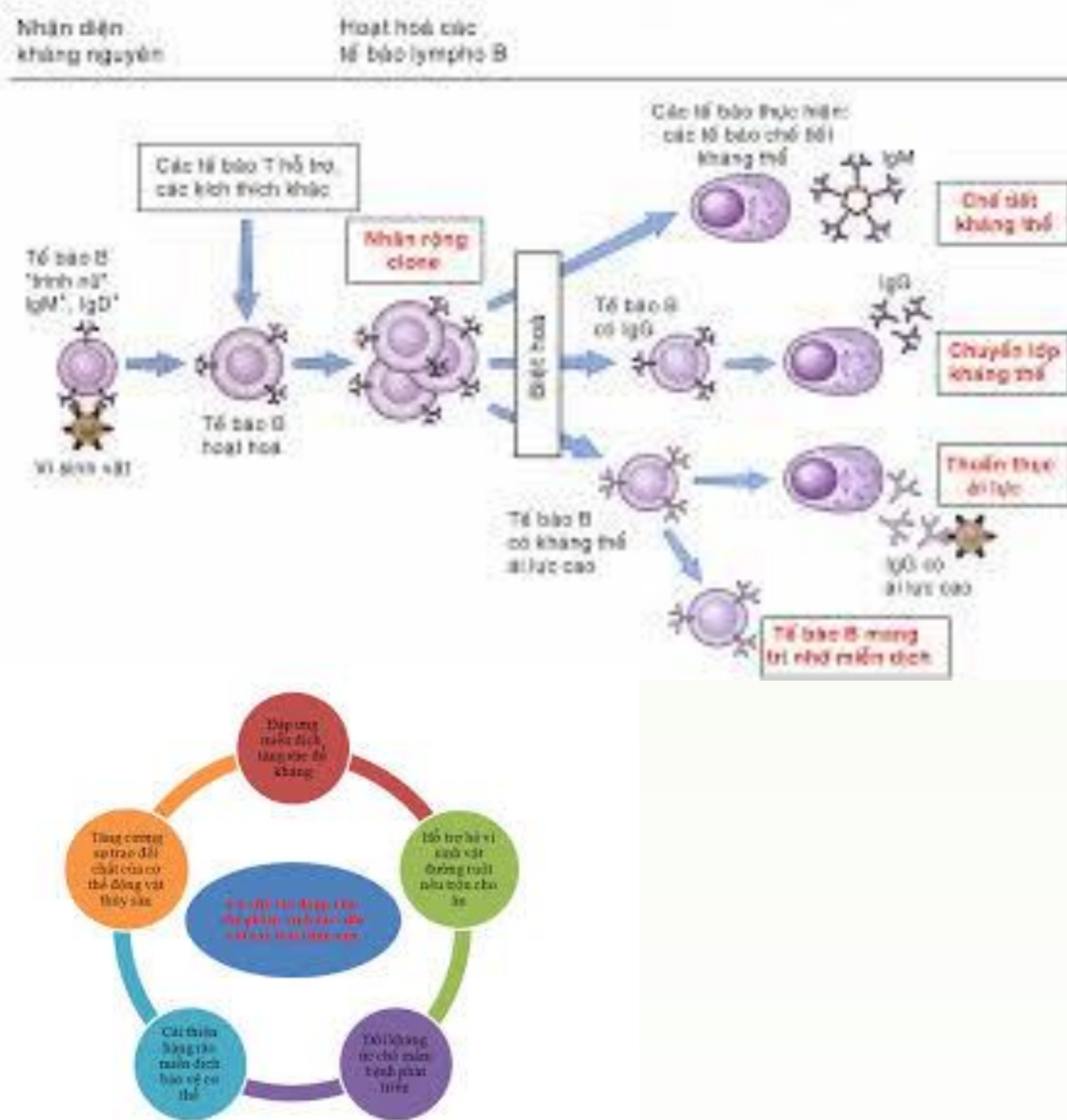


## LEARNING CONTENT

- Chapter 1: Immunology and some concepts in immunology
- Chapter 2: Immune system of fish
- Chapter 3: Immune system of crustacean
- Chapter 4: immune system of molluscan
- Chapter 5: Methods in improving immune systems of aquatic animals
- Chapter 6: Evaluation of immune ability of aquatic animals

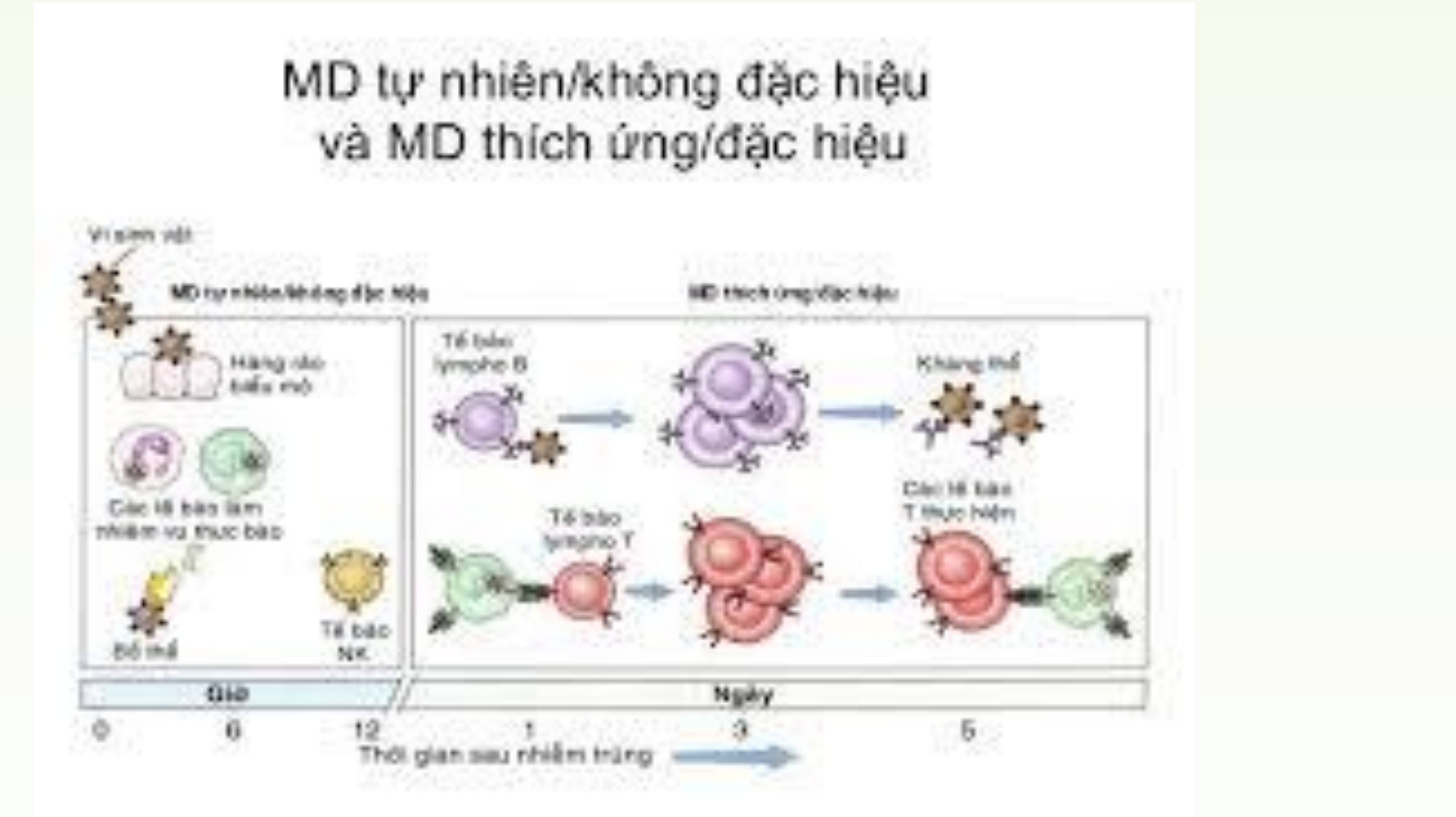
## DUTIES OF STUDENTS

- Attendance: Students attend minimum 70% of times of this course
- Preparation for class: Student must read teaching documents, search documents introduced and read preference documents
- Attitude: actively participating in providing questions and comments



## COURSE EXPECTED LEARNING OUTCOMES (CELOs)

| Symbol                 | Expected learning results of the module Complete this module, students made                             | Expected learning outcomes |
|------------------------|---|----------------------------|
| <b>KNOWLEGES</b>       |   |                            |
| CELO 1                 | Explain mechanism of immune response of aquatic animals   | ELO3                       |
| CELO 2                 | Determine several indicators of immune systems of aquatic animals                                       | ELO3                       |
| CELO 3                 | Analyze several methods in improving immune systems of aquatic animals                                  | ELO3                       |
| <b>ADVANCED SKILLS</b> |   |                            |
| CELO 5                 | AEvaluate immune ability of aquatic animals   | ELO5                       |
| CELO 6                 | Work independently and collaboratively  | ELO6                       |
| CELO 7                 | Apply reading and understanding skills in special English, communication skills and presentation skills | ELO7                       |
| CELO 8                 | Use several modern facilities related to determining some immune indicators of aquatic animals          | ELO9                       |
| <b>ATTITUDES</b>       |   |                            |
| CELO 8                 | AAware about professional ethics  | ELO10                      |
| CELO 9                 | Aware about self-study and self-research  | ELO11                      |



## RATING AND SCORING

- Score scale:** 10
- Weight:** Process evaluation: 50% (short question, presentation for seminar, practical ); Final examination: 50% (essay)
- Number of credits:** 2 (1 credit of theory- 1 credit of practical)
- Semester:** 5 (1<sup>st</sup> Semester – 3<sup>rd</sup> Year)

**LECTURERS:**  
**Main lecturer:** Tran Thi Hong To (Mobile: 0944827980; Email: [thongto@tvu.edu.vn](mailto:thongto@tvu.edu.vn))  
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## LEARNING METHODS

- PowerPoint lecturing, video screenings and asking short questions.
- Discussion / Group discussions.
- Searching documents, presenting seminar and making comments
- Doing practical