



# AQUATIC ANIMAL PHYSIOLOGY

CREDIT: 3 (2 THEORY CREDITS, 1 PRACTIC)

SEMESTER: 4

## 1. EXPECTED LEARNING OUTCOME

SYMPOL	EXPECTED LEARNING OUTCOME OF COURSE (CELOs)	EXPECTED LEARNING OUTCOME OF PROGAME (ELOs)
<b>Knowledges</b>		
<b>CELO 1</b>	Determine physiological characteristics that affect the growth and development of aquatic animals	ELO1
<b>CELO 2</b>	Assess the impact of physiological factors on aquaculture animals	ELO1, ELO2
<b>CELO 3</b>	Assess physiological factors affecting aquatic animal health	ELO1
<b>Skills</b>		
<b>CELO 4</b>	Communicate effectively, the presentation and writing the report	ELO7
<b>CELO 5</b>	Work independently, work the team	ELO5, ELO6
<b>CELO 6</b>	Determine the physiological criteria of aquatic animals	ELO5, ELO9
<b>Attitudes</b>		
<b>CELO 7</b>	Conscious of professional ethics	ELO10
<b>CELO 8</b>	Aware about self-study and self-research	ELO11

## 2. LEARNING CONTENT

**Chapter 1:** Blood physiology

**Chapter 2:** Respiratory physiology

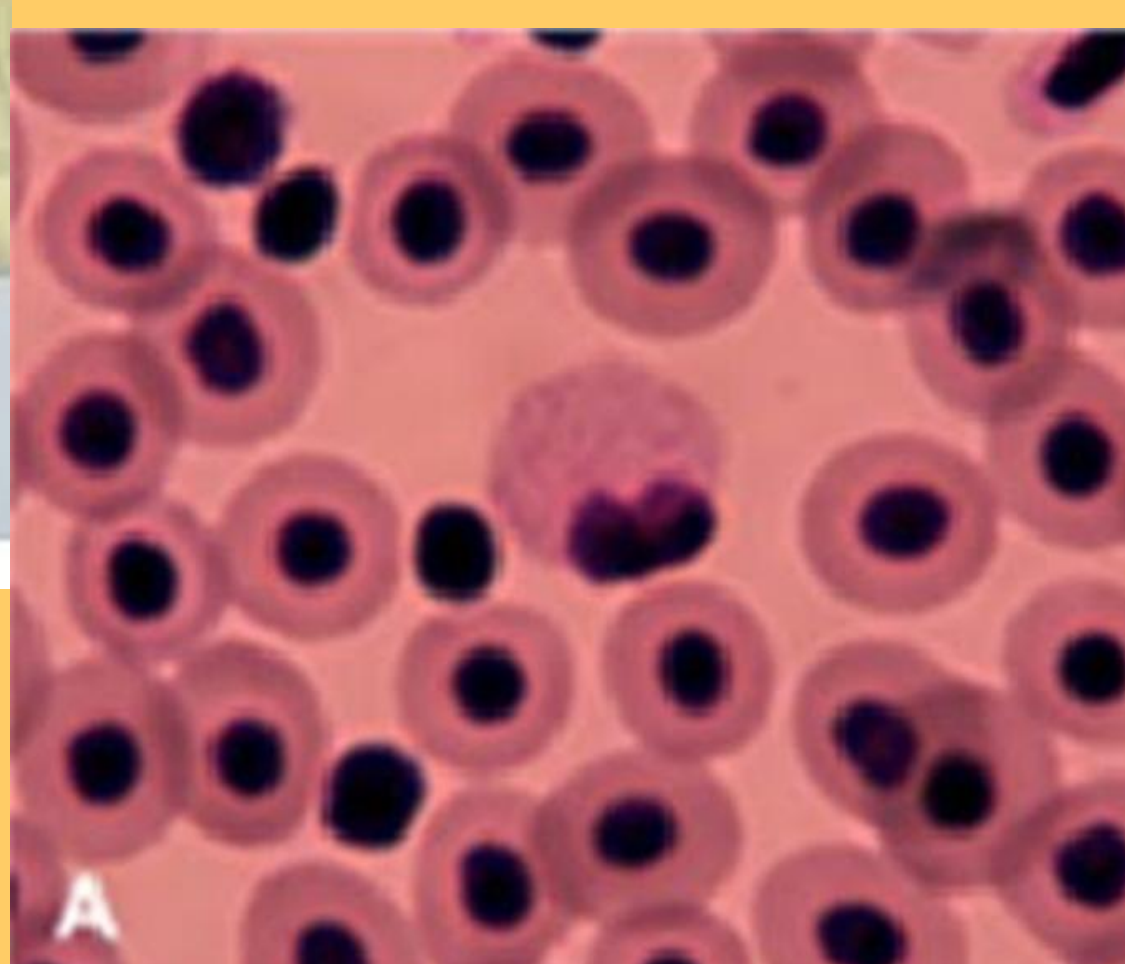
**Chapter 3:** Gastrointestinal physiology

**Chapter 4:** Physiology of excretion

**Chapter 5:** Physiology of endocrine glands

**Chapter 6:** Reproductive physiology

**Chapter 7:** Physiology of molting of crustaceans



## 3. LEARNING METHODS

- Read independent material, ask related questions, listen, answer questions
- Join lectures, watch videos, discuss in groups
- Doing homework, specialized reports
- Practice: Experimental layout and sample analysis

## 4. DUTIES OF STUDENTS

- Attendance: Students must attend at least 80% for the theory and 100% for the practical.
- Preparing for lectures: Students must read teaching materials, reference books and search for materials provided and introduced by lecturers.
- Attitude: actively participating in questioning, commenting, critical review, evaluation and marketing

## 5. RATING AND SCORING

- Score scale: 10
- Process evaluation: 50% + Final exam: 50%

## 6. LECTURERS

- Teacher in charge: Nguyen Thi Hong Nhi (Cellphone: 0813415966; Email: nguyenthihongnhi@tvu.edu.vn)
- List of other lecturers: Tran Thi Phuong Lan (Cellphone : 0989232086; Email: ttplan@tvu.edu.vn)