

## COURSE PORTFOLIO

Study Program : MATHEMATICS - S1  
 Semester : ODD 2023/2024  
 Course Code : 23H04110102  
 Course Name : Basic Biology  
 Coordinator : Naimah Aris, S.Si.,M.Math.  
 Lecturer Team Member :

### Implementation of Learning

Description of the implementation of the lecture, the suitability of what was planned in the RPS with what was done:

### Number and percentage of lecturer and student attendance

(data source: monitoring the attendance of lecturers and students)

Lecturer Attendance		Student Attendance
Basic Biology B	Total Meeting : times.	Number of students: 46 persons
		Presence ≥ 80% :
		Presence < 80% :
Basic Biology A	Total Meeting : times.	Number of students: 40 persons
		Presence ≥ 80% :
		Presence < 80% :

### Materials/practicum provided

1. Introduction
2. Basic concepts of biology
3. Creature Classification Life
4. Ecology
5. Basic units of life
6. Cell division & inheritance of traits
7. Cell metabolism (Anabolism).
8. Cell metabolism (Catabolism).
9. Plant reproductive system
10. Animal reproductive system.
11. Plant coordination system
12. Animal coordination system
13. Homeostasis: circulation & excretion.
14. Basics of biotechnology.

### The learning methods implemented

1. Case Study
2. Self-Directed Learning
3. Small Group Discussion
4. Project-based Learning

### The assessment method implemented

1. Case Study (CS)
2. Collaborative Learning (CoL)
3. Pjbl (Project Base Learning)
4. Independent Assignment

### Supplementary information (if available)

None

### 2. Learning Outcomes

#### Measurement results of CLO

Assessment and Evaluation of Student Achievement of CLO<sup>a</sup>

LOs that are charged to the Course	CLO	Assessment Form	Weight	Average student score (0-100)
S2	CLO-1	Collaborative Learning (CoL)	18.00 %	82.89
S2	CLO-1	Case Study (CS)	25.00 %	83.57
S2	CLO-1	Independent Assignment	25.00 %	82.65
S2	CLO-2	Pjbl (Project Base Learning)	7.00 %	82.89
S2	CLO-2	Independent Assignment	25.00 %	82.65

a. result criteria: very satisfactory if the average score is ≥ 80; satisfactory if the average score is 70 - 79.9; unsatisfactory if the average score is < 70.

### Percentage of students who achieved a very satisfactory CLO score <sup>b</sup>

(data source: student scores per assessment according to CLOs)

CLO	% of students who achieved a CLO score of at least 80
CLO-1	86.05%
CLO-2	86.05%

b: result criteria: very satisfactory if ≥80% of students score ≥80; satisfactory if 70%-79.9% of students score ≥80; less satisfactory if < 70% of students score ≥80.

### Course Grade

Course Grade	Number and Percentage of Students
A	37 (43.0%)
A-	37 (43.0%)
B+	9 (10.5%)
B	1 (1.2%)
B-	0 (0.0%)
C+	0 (0.0%)
C	1 (1.2%)
D	0 (0.0%)
E	1 (1.2%)

### 3. Learning evaluation (survey) results

(data source: items / narratives of the results of the MK evaluation questionnaire by students) -

### 4. Analysis and Reflection

Gagal diterjemahkan

### 5. Follow-up Plan

To ensure continuous improvement, there are several Follow-up Plans that can be prepared. First, conduct an in-depth review of ILO-8 to identify best practices style="font-family: -webkit-standard; font-size: medium;"> which contributed to exceeding the target (82.85). These practices can then be documented and socialized for application to other ILO indicators. Second, develop a strategy to increase achievement in ILO-9, ILO-1, and ILO-5 from 80 to a higher potential, for example 82 or 85, so as not only to achieve the minimum target but also to exceed it. This strategy may involve adapting teaching materials or methods, as well as diversifying into more challenging evaluation instruments. Third, **maintaining consistency** in the teaching and evaluation process which is already running well for all ILO indicators.

### 6. Follow-up results on the previous semester's evaluation

good achievements and exceeding targets in ILO-8, as well as consistent achievements in targets in other ILOs, can be interpreted as **a positive indication of improvements that have been made previously**. Current performance suggests that there may have been corrective or developmental efforts undertaken in response to prior period evaluation results, although the details are not apparent. The results in Odd 2023/2024 reflect success in implementing changes or improvements, such as increased focus on learning aspects covered in ILO-8, or better alignment of the curriculum. This success becomes a strong foundation for future follow-up plans.

Makassar, 24 Oktober 2025

Naimah Aris, S.Si.,M.Math.  
NIP 197110031997022001