

**PROGRAM PLAN AND  
SEMESTER LEARNING ACTIVITIES  
(RPKPS)  
Even semester 2023/2024**



BACHELOR OF AGRICULTURAL MICROBIOLOGY  
Sewage Treatment Engineering  
ETR2023401 (2 credits)

Teaching Team:

Prof. Ir. Donny Widiyanto, Ph.D.  
Prof. Ir. Triwibowo Yuwono, Ph.D. Dr.  
Ir. Ngadiman, M.Si.

**GADJAH MADA UNIVERSITY OF  
AGRICULTURE  
2023**



Universitas Gadjah Mada Faculty of AGRICULTURE S1  
Study Program of AGRICULTURAL MICROBIOLOGY  
Even semester 2023/2024

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SEMESTER LEARNING PROGRAM AND ACTIVITY PLAN (RPKPS)

| Course Code   | Course Name  | Weight (credits) |      | Semester        | Course Status | Prerequisite Course |
|---|--|------------------|------|-----------------|---------------|---------------------|
| ETR2023401  | Sewage Treatment Techniques  | T: 2             | P: 0 |                 |               | MKK                 |
| Brief Course Description  | This course is designed to provide students with knowledge of waste treatment techniques in mushroom production. In this course, students will learn about the flow of waste treatment, materials and tools used to treat waste, types of waste treatment, and presentation and discussion skills. |                  |      |                 |               |                     |
| Graduate Learning Outcomes (SLOs) Charged to the MK                             |  |                  |      |                 |               |                     |
| Course Learning Outcomes (CPMK)   | After completing this course, students are expected to be able to:   |                  |      |                 |               |                     |
| Mapping of Graduate Learning Outcomes (GLOs) to Course Learning Outcomes (CPMK) | <b>Code</b>  |                  |      |                 |               |                     |
|   | Data Not Found   |                  |      |                 |               |                     |
|   |  |                  |      |                 |               |                     |
| Linkage of CPMK with Learning Materials and Forms, and Time Allocation          | Learning Materials   | Form of Learning |      | Time Allocation |               |                     |
|   |  |                  |      |                 |               |                     |
| Learning Methods  | <ul style="list-style-type: none"> <li>Lecture and practice on the process of mushroom cultivation</li> <li>Presentation and discussion</li> </ul>   |                  |      |                 |               |                     |
| Student Learning Experience   | <ul style="list-style-type: none"> <li>Take a quiz</li> <li>Working on written questions</li> <li>Presentation</li> <li>Discuss the results of the lecturer's research</li> </ul>  |                  |      |                 |               |                     |
| Learning Media Access/ LMS and Offline & Online Percentage                      | <ul style="list-style-type: none"> <li>eLok</li> <li>Viewer, white board, laptop, material provided by lecturers about research.</li> <li>Offline: 100%</li> </ul>   |                  |      |                 |               |                     |

| Blueprint Assessment             | Evaluation Base   |                                  | Assessment Component                    | Weight                   | CPM<br>K<br>Map |      |
|----------------------------------|---|----------------------------------|---|--------------------------|-----------------|------|
|                                  | Participatory Activity<br>(20%)   | Structured Assignment/Assignment |   | 10 %                     |                 | 10 % |
|                                  |   | Participation                    |   | 10 %                     |                 |      |
|                                  | Project Result (80%)  | Quiz                             |   | 10 %                     |                 | 20 % |
|                                  |   | UTS                              |   | 20 %                     |                 |      |
|                                  |   | UAS                              |   | 20 %                     |                 |      |
|                                  |   | PBL Project/Case Study/Results   |   | 30 %                     |                 |      |
| Reference List                   | Prepared by MBKM partners   |                                  |   |                          |                 |      |
| Name of Lecturer (Team Teaching) | Prof. Ir. Donny Widiyanto, Ph.D.; Prof. Ir. Triwibowo Yuwono, Ph.D.; Dr. Ir. Ngadiman, M.Si.; |                                  |   |                          |                 |      |
| Authorization                    | Date of Preparation   | Course Coordinator               | Field of Expertise Coordinator (if any) | Head of Study Program    |                 |      |
|                                  | October 25 2024   | Prof. Ir. Donny Widiyanto, Ph.D. |   | Ir. Ngadiman, M.P, Ph.D. |                 |      |