



**UNIVERSITAS NEGERI YOGYAKARTA**  
**FACULTY OF MATHEMATICS AND SCIENCE**  
**DEPARTMENT OF BIOLOGY EDUCATION**

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**Bachelor of Science in Biology**

**MODULE HANDBOOK**

Module name:	Laboratory Work in Plant Cultivation
Module level, if applicable:	Undergraduate
Code:	BIM6188
Sub-heading,if applicable:	-
Classes,if applicable:	-
Semester:	Even
Module coordinator:	Dr. Ir. Suhartini, MS
Lecturer(s):	Dr. Ir. Suhartini, MS.
Language:	Indonesian
Classification within the curriculum:	Elective Course
Teaching format / class hours per week during the semester:	170 minutes preparation, practice and report making per week
Work load:	Total workload is 45,5 hours per semester which consists of preparation, practice, report making and response for 16 weeks.
Credit points:	1 SKS (1,5 ECTS)
Prerequisites course(s):	Plant Systematics,Plant Developmental Biology
Perogram Learning Outcomes:	<p>4. Comprehensively mastering Biology (core biology) to solve problems in the field of Biology (problem-solving) and to underlie the concepts of related sciences</p> <p>5. the techniques and methodologies in Biology as well as familiar with the equipment used in Biology laboratories in order to get the knowledge of Biology (how we know what we know)</p> <p>6. Being adaptive, creative, innovative in applying the concepts of Biology and other related fields</p> <p>7. Being skillful in applying the techniques used in laboratories and daily life Being skillful in applying the techniques used in laboratories and daily life</p> <p>9. Being able to work and create jobs/being an entrepreneur in the field of Biology</p> <p>10. Having managerial ability to supervise and evaluate workers and optimizing the networks in order to develop professionalism Having managerial ability to supervise and evaluate workers and optimizing the networks in order to develop professionalism</p> <p>11. Possessing scientific skills to support the ability to speak in local, national, and international forums</p>
Course Outcomes	<p>After taking this practice, the students have ability to:</p> <p>CO1. practice cultivating land for crop cultivation</p> <p>CO2. practice how to plant nurseries and how to plant them</p> <p>CO3. practice ways to irrigate various types of plants</p>



