



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 Parasitology													
Module level, if applicable:	Undergraduate													
Code:	BIM6163													
Sub-heading,if applicable:	-													
Classes,if applicable:	-													
Semester:	5 th													
Module coordinator:	dr. Tutiek Rahayu													
Lecturer(s):	dr. Tutiek Rahayu													
Language:	Bahasa Indonesia													
Classification within the curriculum:	Compulsory Course													
Teaching format / class hours per week during the semester:	50 minutes lectures and 60 minutes structured activities per week.													
Work load:	Total workload is 91 hours per semester which consists of 50 minutes lectures, 60 minutes structured activities, and 60 minutes individual study per weekfor 16 weeks.													
Credit points:	1 SKS (3 ECTS)													
Prerequisites course(s):	-													
Targeted learning outcomes:	After taking the course students are expected to be able to: CO1. Explain problems caused by parasites, such as problems caused by mosquitoes and their handling. CO2. Explain the basic techniques of laboratory biocomia, and can apply scientific methods to the process of experimentation and hypothesis testing. CO3. Apply and communicate scientific reasoning and data analysis effectively both in writing and orally. CO4. Understand and practice ethics around scientific research.													
Content:	This course discusses about the problems caused by parasites and develops the principle of problem solving skills in food safety problems in the community using the group project method.													
Study/exam achievements:	The final mark will be weight as follow: <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <tr> <th style="width: 10%;">No</th><th style="width: 10%;">CO</th><th style="width: 30%;">Assessment Object</th><th style="width: 30%;">Assessment Technique</th><th style="width: 20%;">Weight</th></tr> <tr> <td> </td><td> </td><td> </td><td> </td><td> </td></tr> </table>				No	CO	Assessment Object	Assessment Technique	Weight					
No	CO	Assessment Object	Assessment Technique	Weight										

	1	CO1 to CO4	Observed attitudes, knowledge, and skills	Survey, test, rubrics and manuals	100%
	Total				100%
Forms of media:	Real objects, model, multimedia				
Reference:	<p>Spencer and Monroe. 1961. <i>The Color Atlas of Intestinal Parasites. Springfield</i>. III. Charles C. Thomas Publisher.</p> <p>Strong. 1994. <i>Stitt's Diagnosis Prevention and Treatment of Tropical Disease</i>. 7th ed. 2 vols. Philadelphia. The Blakiston Company.</p> <p>Trowell, and Jelliffe. 1958. <i>Diseases of Children in the Subtropics and Tropics</i>. London: Edward Arnold, Ltd.</p>				

PLO and CO mapping

	PLO1	PLO2	PLO3	PLO4	PLO5	PLO6	PLO7	PLO8	PLO9	PLO10	PLO11
CO1				✓		✓					
CO2					✓		✓		✓		
CO3										✓	✓
CO4						✓					