



THE MODULE HANDBOOK

Magister Biology Study Program

FACULTY OF BIOLOGY

SCIENTIFIC WRITING AND PUBLICATION

Course code	BIMB202201
Course level	Magister
Semester/ term	Even
Course coordinator(s)	Prof. Budi Setiadi Daryono, S.Si., M.Agr.Sc. Ph.D.
Lecture(s)	Prof. (ret) Dra. Sukarti Moeljopawiro, M.App.Sc., Ph.D. Dr. Eko Agus Suyono, M.App.Sc. Sukirno, S.Si., M.Sc., Ph.D.
Language	Indonesia
Classification within the Curriculum	Compulsory
Teaching format/ class hours per week during the semester	This course is planned to have 14 teaching weeks and 2 weeks of examination.
Workload	Estimated working hour: 2 credits of theory
Credits	2-0 credits
Requirements	-
Program Learning Outcome	<p>A7. Able to work together and have social sensitivity and concern for society and the environment.</p> <p>K3. Mastering the concepts, principles and application of biological knowledge in the fields of food, health, environment (living) and biological resources in the management and utilization of biological and environmental resources.</p> <p>GS1. Applying logical, critical, systematic and innovative thinking in the context of developing or implementing science and / or technology in accordance with their field of expertise.</p> <p>GS3. Making decisions appropriately in the context of problem solving in the field of biology, based on the results of analysis of information and data.</p> <p>GS4. Able to manage learning independently.</p> <p>SS2. Able to apply biological science to benefit oneself and society in everyday life.</p>
Course Learning Outcome	<p>CLO1. Students can write a research proposal and research reports correctly</p> <p>CLO2. Students can make titles, abstract, problems, hypotheses, and present results in the form of table, graphs, histograms that follow global standard</p> <p>CLO3. Students can use information and communication technology, both Indonesian and English</p>



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	CLO4. Students can write articles in scientific journal both national and international								
Course Description	Compulsory courses that discuss how to make scientific works and publications both nationally and internationally. How to make proposals and report research results both in writing and orally. Discusses the selection of research problems, making titles and abstracts, hypotheses, and ways of writing (introduction, literature review, how to work, results and discussion, conclusions, bibliography, and summaries) as well as ways of making tables, graphs, histograms and their respective functions. respectively. Also discussed how to make oral presentations and making power points and posters. Besides, it also discussed biomedical research ethics. The assessment is based on the student's ability to make proposals, the ability to present research results both in writing and orally and the ability to write articles for publications and press releases. The learning method used is a combination of teacher center learning (TCL) and student center learning (SCL) methods.								
Assesments	<table border="1"><thead><tr><th>Assessment Component</th><th>Percentage</th></tr></thead><tbody><tr><td>Individual task (case based): Make a draft research proposal</td><td>30%</td></tr><tr><td>Mid-Semester Exam (online)</td><td>35%</td></tr><tr><td>Final exams</td><td>35%</td></tr></tbody></table>	Assessment Component	Percentage	Individual task (case based): Make a draft research proposal	30%	Mid-Semester Exam (online)	35%	Final exams	35%
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Study Media	ELOK content Slides / ppt								
Literature	<ol style="list-style-type: none">1. Day, R.A. and B. Gastel. 2006 . How to Write and Publish a Scientific Paper. Sixth edition. Greenwood Press. Westport.2. McMillan, V.E. 1997. Writing Paper in the Biological Sciences. Bedford Books Boston.3. Nazir, M. 1988. Metode Penelitian. Ghalia Indonesia.4. Pechenik, J.A. and B.C. Lamb. 1994. How to Write about Biology. Longman.5. Pratiknya, A.W. 2000. Dasar-Dasar Metodologi Penelitian Kedokteran dan Kesehatan. PT Raja Grafindo Persada. Jakarta								