



THE MODULE HANDBOOK

FACULTY OF BIOLOGY

English

Module code	BIO 10002
Module level	1 st year of Undergraduate Program in Biology
Abbreviation, if applicable	-
Sub-heading, if applicable	-
Courses included in the module, if applicable	-
Semester/term	Odd
Module coordinator(s)	Donan Satria Yudha, S.Si., M.Sc.
Lecture(s)	<ol style="list-style-type: none">1. Donan Satria Yudha, S.Si., M.Sc.2. Dr. Eko Agus Suyono, M.App.Sc.3. Rury Eprilurahman, S.Si., M.Sc.4. Aries Bagus Sasongko, S.Si., M.Biotech.5. Lisna Hidayati, S.Si., M.Biotech.6. Rahadian Yudho Hartantyo, S.Si., M.Sc.7. Luthfi Nurhidayat, S.Si., M.Sc.
Language	English
Classification within the Curriculum	Compulsory
Teaching format/class hours per week during the semester	This course is organised into 4 parallel classes and planned to have 14 teaching weeks and 2 weeks of examination.
Workload	Estimated working hour: 6 hours/week.
Credit points	2-0 credits
Requirements	-
Learning goals/competencies	<ol style="list-style-type: none">1. Knowledge and understanding<ol style="list-style-type: none">1. Theoretical understanding of good English.2. Various methods used to achieve clarity of meaning in scientific writing.2. Ability/intellectual skill<ol style="list-style-type: none">a. The ability to communicate effectively with the international scientific community.b. The ability to use English to share ideas or new findings.c. The ability to collaborate with scientists of other nationalities.



THE MODULE HANDBOOK

FACULTY OF BIOLOGY

	<ul style="list-style-type: none">d. The ability to write a scientific paper that is clear in its meaning.e. The ability to speak with others or deliver an informative presentation.f. The ability to debate and express an opinion.g. The ability to extract and make use of information. <p>3. Attitude</p> <ul style="list-style-type: none">a. The confidence to use English effectively in a scientific setting.b. Respect for the ideas and opinions of others, as well as the value of scientific debate.
Content	<p>The course is prepared for the first year undergraduate students at the Faculty of Biology. This course is compulsory for all students and is offered in every odd semester. The course is intended to improve students' knowledge and skill in using English as a second language, especially in the field of Biology.</p> <p>The objective of this course is to facilitate students' improvement of their skills in using English in a scientific communication, specifically by:</p> <ul style="list-style-type: none">- Familiarizing students with the terminologies in biology;- Enabling students to communicate their English (orally and in writing) effectively, presenting arguments, and opinions in a scientific context;- Introducing the skills of note-taking, paraphrasing, summarizing, report writing, reading graphs and charts, and describing processes;- Improving students' ability to understand and extract information from biology-related texts. <p>-</p>
Study/ exam achievements	<ol style="list-style-type: none">1. Midterm: 30 %2. Final examination: 30 %3. Assignment 40%, comprises: Project I (10%), Project II (10%), writing assignments (20%)
Forms of media	White board, LCD, notebook, e-learning, video and animation.
Literature	<ol style="list-style-type: none">1. Evans, D., P. Gruba, and J. Zobel. 2014. How to Write a Better Thesis. Springer Science and Business Media.2. Builders, B. And B. Chin. 2014. How to Write a Great Research Paper. Jossey-Bass Publication.