

Module Handbook

Module Name:	General Biology I (Practical)
Module Level:	Bachelor
Abbreviation, if applicable:	BID104
Sub-heading, if applicable:	-
Courses included in the module, if applicable:	-
Semester/term:	1 st / First Year
Module coordinator(s):	Dr. Sri Puji Astuti W., M.Si.
Lecturer(s):	Drs. Saikhu Ahmad Husen, MKes
Language:	Bahasa Indonesia
Classification within the curriculum	Compulsory Course / Elective Studies
Teaching format / class hours per week during semester:	2 hours laboratory work (50 min / hours)
Workload:	2 hours doing worksheet and pretest preparation, 2 hours laboratory work, 2 hours group discussion, searching literature and writing report, 13 week per semester, and total 78 hours per semester ~ 2.6 ECTS *
Credit Points:	1
Requirements:	-
Learning goals/competencies:	<p>General Competence (Knowledge) Students are able to practice the general skills to study biology properly; to understand the structure and function of animal and plant cells.</p> <p>Specific Competence:</p> <ol style="list-style-type: none"> 1. Able to use microscope correctly 2. Able to understand the cell structure 3. Able to understand the function and reproductive activity 4. Able to understand the activity of protoplasm and enzymes 5. Able to understand the biosystematics 6. Able to understand plant and animal structure and its function 7. Able to understand the amphibians anatomy 8. Able to understand the environmental influences on organism 9. Able to practice sampling of populations
Content:	Introduction of microscope; cell structure, function and reproductive activity; activity of protoplasm and enzyme; biosystematics; plant and animal structure and their function; amphibians anatomy; environmental influences on organism; sampling of populations.
Soft skill	Discipline, ability to argue
Study/exam achievements:	<p>Students are considered to be competent and pass if at least get 55 on minimal final score 55.</p> <p>The final value is calculated as follows: Assignment (20%), middle examination (UTS) (30%), final examination</p>

	<p>(UAS) (40%), Soft skill (10%)</p> <p>Final index is defined as follows</p> <p>A : 100>NA≥75 AB: 74,9>NA≥70 B : 69,9>NA≥65 BC : 64,9>NA≥60 C : 59,9>NA≥55 D : 54,9>NA≥40 E : 39,9≥NA</p>
Learning Methods	Lecture, discussion, and practicum
Forms of Media:	LCD, laptop, White board, marker, eraser
Literature:	<p>Anonimus. Tt. <i>Petunjuk Praktikum Biologi Dasar II</i>. Jurusan Biologi FMIPA Universitas Airlangga Surabaya.</p> <p>Audesirk, T., Audersirk, G., and B.E. Byers, 2002. <i>Biology: Life on the Earth 6th</i>Ed. Prentice-Hall, New Jersey.</p> <p>Pianka, E.R., 2000. <i>Evolutionary Ecology, 6th</i>ED. Benjamin Cummings, San Francisco.</p>
Notes:	<p>*Total ECTS = {(total hours workload x 50 min) / 60 min } / 25 hours</p> <p>Each ECTS is equals with 25 hours</p>