

## Module Handbook

Module Name:	General Biology I (Practical Work)
Module Level:	Bachelor
Abbreviation, if applicable:	BID104
Sub-heading, if applicable:	-
Courses included in the module, if applicable:	-
Semester/term:	Odd (1 <sup>st</sup> semester)
Module coordinator(s):	MKWU Teaching Staff
Lecturer(s):	MKWU Teaching Staff
Language:	Bahasa Indonesia
Classification within the curriculum	Compulsory Course / <del>Elective Studies</del>
Teaching format / class hours per week during semester:	300 minutes/ week
Workload:	100 min lecture + 100 min structural assignment + 100 min self-assignment x 13 weeks; total 3900 min = 65 hours 65/25 = 2.6 ECTS
Credit Points:	1
Requirements:	-
Learning goals/competencies:	<p><b>General Competence (Knowledge)</b> 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><b>Specific Competence:</b></p> <ol style="list-style-type: none"> <li>1. Able to use microscope correctly</li> <li>2. Able to understand the cell structure</li> <li>3. Able to understand the function and reproductive activity</li> <li>4. Able to understand the activity of protoplasm and enzymes</li> <li>5. Able to understand the biosystematics</li> <li>6. Able to understand plant and animal structure and its function</li> <li>7. Able to understand the amphibians anatomy</li> <li>8. Able to understand the environmental influences on organism</li> <li>9. Able to practice sampling of populations</li> </ol>
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.
Attribute soft skill	Discipline and cooperation
Study/exam achievements:	Students are considered to be competent and pass if at least get 40 of maximum mark of the exams (UTS and UAS), structured activity (group discussion). Final score (NA) is calculated as follow: 20% paper project+30% midterm + 40% final exam + 10% soft skill

	<p>Final index is defined as follow:</p> <p>A : 75 – 100</p> <p>AB : 70 - 74.99</p> <p>B : 65 - 69.99</p> <p>BC : 60 - 64.99</p> <p>C : 55 - 59.99</p> <p>D : 40 - 54.99</p> <p>E : 0 - 39.99</p>
Forms of Media:	Laboratory equipment
Learning Methods	Practical work
Literature	<p>a. Anonimous. Tt. <i>Petunjuk Praktikum Biologi Dasar II</i>. Jurusan Biologi FMIPA Universitas Airlangga Surabaya.</p> <p>b. Audesirk, T., Audersirk, G., and B.E. Byers, 2002. <i>Biology: Life on the Earth 6<sup>th</sup></i> Ed. Prentice-Hall, New Jersey.</p> <p>c. Pianka, E.R., 2000. <i>Evolutionary Ecology, 6<sup>th</sup></i> ED. Benjamin Cummings, San Francisco.</p>
Notes	The requirement of general Biology II (Practical Work)