

Module Handbook

Module's Name	General Biology
Module's Grade	Undergraduate Program (S-1)/Bachelor
Abbreviation /code (if any)	
Subtitles (if any)	
Courses included in the module (if any)	
Semester/year	1/1 st year
Module Coordinator	Dr. Yuliani, M.Si
Lecturer	Team
Language used	Indonesian
Classification in the curriculum	Compulsory course/elective course
Learning format/number of class hours per week	Per week consists of: 2 hours face to face (1 hour face to face = 50 minutes/hour)
Workload	2x50 minutes face to face, 2x60 minutes structured tasks, 2x60 minutes independent learning, for 14 weeks, a total of 84 hours face-to-face/semester
CU	2
Precondition course	-
Learning Outcome	<p>Knowledge:</p> <ol style="list-style-type: none"> 1. Mastering basic biology concepts and their applications. <p>Skill:</p> <ol style="list-style-type: none"> 2. Have the skills to apply Basic Biology concepts and principles in everyday life responsibly. <p>Competence:</p> <ol style="list-style-type: none"> 3. Work as an individual as well as a team effectively, have an entrepreneur skills, and awareness of environmental issues.
Content	Understand the basic concepts of biology as the science, structure and function of cells, cell division, metabolism which includes transport, photosynthesis and respiration, genetics, diversity of living things, evolution, structure of plant and animal organ tissue functions, ecology, animal behavior, biotechnology, and practicing solving problems through scientific methods. Basic Biology studies are accompanied by a variety of process skills that are used to solve problems in the field of Biology and its applications. This subject is presented through material explanation, giving examples, problem solving, and assignments.
Attribut soft skill	<p>Team work</p> <p>Awareness of environtmental issues</p>

Assessment of CLO/exam	<p>Students are considered competent and pass if they get at least a minimum test score of 68 (Mid and Final), and structured activities (assignments/T) and participatory activities (P)</p> <p>The final grade (NA) is calculated according to the formula: $NA = \frac{(2 \times P) + (3 \times T) + (2 \times \text{Mid}) + (3 \times \text{Final})}{10}$</p> <p>Convert the 0-100 scale value to a 0-4 scale and the letters are arranged as follows.</p> <table border="1" data-bbox="618 468 1377 785"> <thead> <tr> <th>Alphabet</th> <th>Score</th> <th>Interval</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>4,00</td> <td>85 A < 100</td> </tr> <tr> <td>A-</td> <td>3,75</td> <td>80 A- < 85</td> </tr> <tr> <td>B+</td> <td>3,50</td> <td>75 B+ < 80</td> </tr> <tr> <td>B</td> <td>3,00</td> <td>70 B < 75</td> </tr> <tr> <td>B-</td> <td>2,75</td> <td>65 B- < 70</td> </tr> <tr> <td>C+</td> <td>2,50</td> <td>60 C+ < 65</td> </tr> <tr> <td>C</td> <td>2,00</td> <td>55 C < 60</td> </tr> <tr> <td>D</td> <td>1,00</td> <td>40 D < 55</td> </tr> <tr> <td>E</td> <td>0,00</td> <td>0 E < 40</td> </tr> </tbody> </table>	Alphabet	Score	Interval	A	4,00	85 A < 100	A-	3,75	80 A- < 85	B+	3,50	75 B+ < 80	B	3,00	70 B < 75	B-	2,75	65 B- < 70	C+	2,50	60 C+ < 65	C	2,00	55 C < 60	D	1,00	40 D < 55	E	0,00	0 E < 40
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Reference	<ol style="list-style-type: none"> 1. Campbell, Neil A, Jane B.Reece dan Lawrence G.Mitchell.2010 <i>Biologi</i>. 8th ed. California: Benjamin Cummings. 2. Kimball, J.W. 2005. <i>Biologi Jilid I, II, III</i>. 5th ed. (Siti Soetarmi & N.Sugiri Trans). Jakarta: Penerbit Erlangga. 3. Rachmadiarti, F.,Yuliani, Widowati B., Rinie P, Mahanani T.A, Dyah H.,Herlina F.2018. <i>Biologi Umum</i>. Surabaya: UNESA Press. 4. Luria. 1981. <i>A View of Life</i>. California: Benjamin Cumming. 																														
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