

Undergraduate Programme in Biology

Telp : +62274 519739

Email : bio@uin-suka.ac.id

Website : <https://biologi.uin-suka.ac.id>

MODULE HANDBOOK

Module Name	Environmental Impact Assessment (AMDAL)
Module level, if applicable	Bachelor
Code, if applicable	BIO425034
Subtitle, if applicable	-
Courses, if applicable	Environmental Impact Assesment (AMDAL)
Semester(s) in which the module is taught	5 nd (fifth)
Person responsible for the module	Siti Aisah, S.Si., M.Si
Lecturer(s)	Siti Aisah, S.Si., M.Si., Dr. Aryan Pramudya K., S.Si., M.Si
Language	Indonesia
Relation to curriculum	compulsory course in the third year (5 th semester) Bachelor Degree
Type of teaching, contact hours	100 minutes of lectures, 170 minutes labwork and 120 minutes structured activities per week
Workload	Total workload is 136 hours per semester, which consists of 100 minutes lectures per week for 16 weeks, 120 minutes structured activities per week, 120 minutes individual study per week, 170 minutes laboratory work in total is 16 weeks per semester, including mid-exam and final exam
Credit points	3
Requirements according to the examination regulations	Minimum attendance 75%
Recommended prerequisites	No prerequisites are stated on
Module objectives/intended learning outcomes	After completing this course, the students: CO 1 Able to integrate principles of biology, biological resources, environment, and other relevant knowledge as well as the concept of its application in the field of general and specific biology P (LO 4; (Acts 11, 12) CO 2. Able to apply the basic principles of software applications, basic instruments, standard methods for analysis and synthesis in general and specific fields of biology carefully; P (LO 5; CP 13) CO 3 Able to integrate relevant theories, materials, methodologies, ethical frameworks and research procedures, as well as Islamic insights and values in the study of biodiversity and conservation appropriately; P (LO 6; CP 14) CO 4 Examine the implications of the development or implementation of science and technology in accordance with their expertise in a logical, critical, systematic, and innovative manner by applying humanities values based on scientific rules, procedures and ethics in order to produce ideas that are scientifically described in the form of final project reports and uploading them on the university website; KU (LO 8; KU 17,

	CO 5 CO Able to make appropriate decisions in the context of solving problems in their field of expertise based on the results of valid information and data analysis; KU (LO 9; KU 21) CO 6 Able to present solutions in solving biology-related problems through the effective application of relevant biological knowledge, methods and technologies in the management of biological resources and the environment within a specific scope; KK (LO 10; KK 27, 28)																																																									
Content	1. Introduction and Basic Concept of AMDAL 2. Laws and Regulations related to AMDAL in Indonesia 3. AMDAL Implementation including Business Plan Process and/or Mandatory AMDAL Activities 4. Initial Environmental Hue and Description of Business Plan and/or Activities 5. Scoping Process in AMDAL 6. Preparation of AMDAL Documents Procedures for Assessing AMDAL Documents																																																									
Study and examination requirements and forms of examination	The final mark will be weighted as follows: <table><tr><th>NO</th><th>Assessment methods (components, activities)</th><th>Weight (percentage)</th></tr><tr><td>1</td><td>Final Examination</td><td>30%</td></tr><tr><td>2</td><td>Mid-Term Examination</td><td>30%</td></tr><tr><td>3</td><td>Labwork</td><td>25%</td></tr><tr><td>4</td><td>Class Activities: Quiz, Homework, etc.</td><td>15%</td></tr></table> The final assessment is expressed in the form of a letter value converted from a number value with the following categories: <table><tr><th>NO</th><th>Number Value</th><th>Letter Value</th><th>NO</th><th>Number Value</th><th>Letter Value</th></tr><tr><td>1</td><td>≥ 95</td><td>A</td><td>7</td><td>65-69.99</td><td>B/C</td></tr><tr><td>2</td><td>90-94.99</td><td>A-</td><td>8</td><td>60-64.99</td><td>C+</td></tr><tr><td>3</td><td>85-89.99</td><td>A/B</td><td>9</td><td>55-59.99</td><td>C</td></tr><tr><td>4</td><td>80-84.99</td><td>B+</td><td>10</td><td>50-54.99</td><td>C-</td></tr><tr><td>5</td><td>75-79.99</td><td>B</td><td>11</td><td>55-34.99</td><td>D</td></tr><tr><td>6</td><td>70-74.99</td><td>B-</td><td>12</td><td><35</td><td>E</td></tr></table>	NO	Assessment methods (components, activities)	Weight (percentage)	1	Final Examination	30%	2	Mid-Term Examination	30%	3	Labwork	25%	4	Class Activities: Quiz, Homework, etc.	15%	NO	Number Value	Letter Value	NO	Number Value	Letter Value	1	≥ 95	A	7	65-69.99	B/C	2	90-94.99	A-	8	60-64.99	C+	3	85-89.99	A/B	9	55-59.99	C	4	80-84.99	B+	10	50-54.99	C-	5	75-79.99	B	11	55-34.99	D	6	70-74.99	B-	12	<35	E
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Media employed	White-board, Lcd Projector, e-learning (https://daring.uin-suka.ac.id/)																																																									
Reading list	1. Canter, L.W. 1996. “Environmental Impact Assessment”, 2nd Edition. McGraw-Hill, New york. 2. Soemarwotto, O. 2005. Environmental Impact Analysis. Gadjah Mada University Press, Yogyakarta. 3. Suratmo, G.F. 1998. Environmental Impact Analysis, 8th Edition, Gadjah Mada University Press, Yogyakarta 4. Ministry of Environment and Forestry. 2016. The Set of Regulations on the Environment. 5. Fandeli, Chafid., 1995. Analysis of Environmental Impacts: Basic Principles and Their Implementation in Development. Liberty. Yogyakarta 6. Hadi, S.P., 1997. Social Aspects of EIA. Gadjah Mada University Press. Yogyakarta.																																																									

PLO and CO Mapping

	PLO 1	PLO 2	PLO 3	PLO 4	PLO 5	PLO 6	PLO 7	PLO 8	PLO 9	PLO 10	PLO 11
CO 1				√							
CO 2				√							
CO 3				√						√	
CO 4				√						√	