

Module Handbook

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| Modul Name | Abiotic Environments |
| Modul Level | Bachelor |
| Abbreviation, if applicable: | BIL 302 |
| Sub--heading, if applicable: | - |
| Courses included in the module, if applicable: | - |
| Semester | Even |
| Module Coordinator | Bambang Irawan |
| Lectures | Bambang Irawan |
| Language | Bahasa Indonesia |
| Classification within the curriculum: | Compulsory Course / Elective Studies |
| Teaching format/ class hours per week during semester | 300 minutes/ week |
| Workload per semester | 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 point | 2 |
| Requirements | - |
| Learning goals/competencies | <p>General Competence (Knowledge) Students have an ability to describing a given habitat base on the lithosphere and climatic parameter; explain the geological cycles; explain the correlation between biotic and abiotic factors; and Explain the usefulness of geological time.</p> <p>Specific Competence</p> <ol style="list-style-type: none"> 1. Students are able to understand the system and knowledge of abiotic environment 2. Students are able to understand the history of the earth 3. Students are able to understand the earth as a system 4. Students are able to understand the atmosphere 5. Students are able to understand the hydrosphere 6. Students are able to understand the lithosphere 7. Students are able to understand the changing process in the earth 8. Students are able to understand the soils 9. Students are able to understand the water 10. Students are able to understand the structure of rocks 11. Students are able to understand the geology timing 12. Students are able to understand the evolution 13. Students are able to understand biogeography |
| Content | Historical Geology: lithosphere, atmosphere, rock, mineral, and water; earth crust. Climate and atmosphere changes. Biotic and abiotic component interaction including fossil formation. Geological epoch. Biogeography. Evolution and Support Competence theory |
| Soft skill Attribute | Discipline and team work |
| Study/ exam achievements | Students are considered to be competent and pass if at least get 40% of maximum. Final score (NA) is calculated as follow: Paper project (20%), mid exam (30%), final exam (30%), and soft skill (20%) |

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| | Final index is defined as follow: A : 75 - 100 AB : 70 - 74.99 B : 65 - 69.99 BC : 60 - 64.99 C : 55 - 59.99 D : 40 - 54.99 E : 0 - 39.99 |
| Form of media | LCD, computer |
| Learning Method | Class and discussion |
| Literature | - |
| Note | - |