

Module Handbook

Modul Name	Natural Resource Management
Modul Level	Bachelor
Abbreviation, if applicable:	TLL 214
Sub--heading, if applicable:	-
Courses included in the module, if applicable:	-
Semester	Odd
Module Coordinator	Abdul Latief Burhan
Lectures	Abdul Latief Burhan
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	Molecular Genetics
Learning goals/competencies	<p>General Competence (Knowledge)</p> <p>Students are able to explain the basic of natural resources management and its environment, based on ecological principles and applying those principles in specific management of natural resource and environment.</p> <p>Specific Competence</p> <ol style="list-style-type: none"> 1. Student are able to understand the big picture of how to manage natural resources 2. Student are able to understand and explain the scope of natural resource management 3. Student are able to understand and explain how to manage natural resource correctly 4. Student are able to understand and explain about water resources 5. Student are able to analyze the similarity of habitats 6. Student are able to analyze the similarity of community 7. Student are able to analyze the similarity of morisitha index 8. Student are able to do sampling of benthos and phytoplankton 9. Student are able to collect samples in water sources and its management system 10. Student are able to understand and explain how to prevent and handle the impact of forest burning 11. Student are able to understand how to manage river resource correctly 12. Student are able to understand how to manage lake resource correctly 13. Student are able to understand how to manage non-conversional and conversional energy resource 14. Student are able to understand how to manage oil energy resource

Content	Basics of environmental and natural resource management, according to the principles of ecology and the ecosystem approach, methodology resource inventory and planning, integrated survey, analysis system, examples of application and overview, examples of natural resource management and environment-specific (example forest resources, mineral resources, etc.).
Soft skill Attribute	Discipline and Argumentation
Study/ exam achievements	<p>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 (35%), final exam (35%), and soft skill (10%)</p> <p>Final index is defined as follow:</p> <p>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</p>
Form of media	LCD
Learning Method	Class and discussion
Literature	-
Note	-