

MODUL ENVIRONMENTAL ECONOMICS AND NATURAL RESOURCES



MASTER PROGRAM OF ENVIRONMENTAL SCIENCE
SCHOOL OF POSTGRADUATE STUDIES
DIPONEGORO UNIVERSITY

Module Description:

Module Name	Environmental Economics and Natural Resources
Module level, if applicable	
Code, if applicable	P-CIL-8-102
Subtitles, if any	
Course, if applicable	
Semester(s) in which the module is taught	Semester 1
Module Responsible	Prof. Dra.Indah Susilowati, MSc., Ph.D
Teaching Lecturer	1. Prof. Dra.Indah Susilowati, MSc., Ph.D 2. Prof. Dr. Ir. Aziz Nur Bambang, MS
Language	<i>Indonesian and English</i>
Relationship with curriculum	
Type of teaching, hours of contact	<i>Lectures: 1 x 180 minutes x 16 meetings = 48 hours/week Q&A: 1 x 30 minutes x 16 meetings = 8 hours/week Discussion: 1 x 30 minutes x 16 meetings = 8 hours/week Presentation: 1 x 30 minutes x 16 meetings = 8 hours/week Individual assignment: 60 minutes/day = 5 hours/week Total work for 1 semester = 150 hours = 6 ECTS</i>
Workload	<i>(Estimated) workload, divided into contact hours (lectures, exercises, laboratory sessions, etc.) and personal study, including test preparation, specified in hours,¹ and overall.</i>
credit points	<i>3Credits / 6 ECTS</i>
Requirements according to the exam regulations	<i>Lecture attendance of at least 75%</i>
Recommended prerequisites	<i>For example, competence in...</i>

<p>Module the desired learning objectives/outcomes</p>	<ul style="list-style-type: none"> • Students can explain and describe the concept of environmental economics; • Capable to operate skill in That field from environmental economics in solving environmental management problems and linking them economically; and • Able to combine oneself with the situation encountered in solving dynamic environmental problems.
<p>Fill</p>	<p>This course is a compulsory subject in the Environmental Science master's program. This course discusses the concepts and understanding of the management and utilization of natural resources. Discusses the principles of optimizing the use and management of natural resources as well as regulatory policies and some static techniques of natural resource analysis. The concept and understanding of economic value and the influence of natural resource management on welfare.</p>
<p>Study and exam requirements and forms</p>	<ul style="list-style-type: none"> • <i>Open the book and close the book</i> • <i>Multiple choice, case studies, interviews, practicals</i>
<p>Media used</p>	<p><i>Powerpoint, youtube, website</i></p>
<p>Read reference</p>	<ol style="list-style-type: none"> 1. EIK's daughter, Nuva. 2014. Environmental Economics. IPB Press. Bogor 2. Fauzi A. (2005). Historical Perspectives in Economic Valuation. Economic Valuation Training Materials. 3. Fauzi, Akhmad 2010. Natural Resource Economics. and Environment. Gramedia Main Library. 4. Forestman and Company, Boston. 5. Grafton, RQ; etc. 2004. Environmental Economics and Natural Resources. Blackwell Publishing.UK 6. Hanley, N., J. F, Shogren, and B. White. 2002. Environmental Economics in Theory and Practice. Palgrave MacMillan, New York. 7. Hawkins, Paul. 2010. Revised Edition of Trade Ecology: The Declaration of Sustainability (Collins Business Essentials). Harper's Business. 8. Kolstad, CD 2012. Environmental Economics. University of Oxford Press; 2nd edition.

	<p>9. Smith, Stephen. 2011. Environmental Economics: A Very Brief Introduction. University of Oxford Press; first edition</p> <p>10. Tietenberg, T. and Lewis, Lynne. 2019. Environmental Economics: What Matters. Routledge.</p>
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