

MODUL SEMINARS AND SCIENTIFIC PUBLICATIONS




MASTER PROGRAM OF ENVIRONMENTAL SCIENCE
SCHOOL OF POSTGRADUATE STUDIES
DIPONEGORO UNIVERSITY

Modul Description :

Modul design	Seminars and Scientific Publications
Modul level, if applicable	
Code, if applicable	P-CIL-8-304
Subtitles, if any	
Course, if applicable	
Semester(s) in which the Modulis taught	3rd semester
Modulresponsible*	Principal Advisor
Teaching Lecturer	1. Principal Advisor 2. Co-Supervisor
Language	<i>Indonesian and English</i>
Relationship with curriculum	Students are able to write scientific articles well and publish articles in international and national journals
Type of teaching, hours of contact	<i>Lecturer: 240 minutes Individual Task: 118 minutes Conference : 118 minutes Total work for 1 semester = 300 hours = 12 ECTS</i>
Workload	<ul style="list-style-type: none">• <i>Face to face discussion with supervisor (weekly)</i>• <i>Face-to-face discussion with co-supervisors (weekly)</i>• <i>Regular activity of Individual Laboratory/Studio</i>• <i>Conference/Seminar</i>• <i>Investigation</i>
credit points	<i>2 credits / 12 ECTS</i>
Requirements according to the exam regulations	<i>Lecture attendance of at least 75%</i>
Recommended prerequisites	

*Material for advanced lectures conducted by main supervisors, co-advisors and students refers to research topics.

<p>Modulethe desired learning objectives/outcomes</p>	<ul style="list-style-type: none"> • Students are able to produce scientific articles, thesis proposals. • Students are able to present the results scientific articles in conferences or publish articles in national/international journals
<p>Fill</p>	<p>Writing Scientific Articles is a compulsory subject in Semester II. The learning objective of this course is to develop students' abilities and skills in writing and publishing their research results in English. In this course students study various forms of international scientific publications, techniques for writing scientific research articles using the international language (English). In this course, you will learn about international publication criteria, the variety and rating of publications, the scope of various scientific publications, instructions to authors. The lecture material is followed by writing techniques for Introduction, Methods, Results, Discussion, Acknowledgments, References, Abstracts. Students are also introduced to the online submission process, cover letter and review.</p>
<p>Study and exam requirements and forms</p>	<ul style="list-style-type: none"> • <i>Seminar</i> • <i>Publication Thesis</i>
<p>Media used</p>	<p><i>Powerpoint, youtube, website</i></p>
<p>Reference</p>	<ol style="list-style-type: none"> 1. Kornuta Halyna, Germaine Ron. 2019. Quick Guide to Writing a Thesis or Dissertation. Routledge Educational and Further Research 2. Evans David, Gruba Paul, Zobel Justin. 2014. How to Write a Better Thesis (Third Edition). Jumper 3. Khoiyangbam, RS, and N Gupta. 2012. Introduction to Environmental Science. New Delhi: TERI 4. Bojie Fu, Yanxu Liu, Yan Li, Cong Wang, Changjia Li, Wei Jiang, Ting Hua, Wenwu Zhao, 2021, Research priorities in Resources and Environmental Sciences, Geography and Sustainability, Volume 2, Issue 2, Pages 87-94,https://doi.org/10.1016/j.geosus.2021.04.001. 5. Nikolai Attard, 2018, WASP (Write Scientific Papers): Writing an academic research proposal, Early Human Development, Volume 123, Pages 39-41,https://doi.org/10.1016/j.earlhumdev.2018.04.011.

SEMESTER STUDY PLAN							
		Study program: Master of Environmental Science			Faculty: School of Postgraduate		
Subject:		Seminars and Scientific Publications		Code: P-CIL-8-304	Credit:2 (12 ECTS)	smt:3	
Supporting lecturer:		Dr. Eng. Maryono, ST, MT Dr. Fuad Muhammad, M.Si.					
Learning Outcomes Subject:		<ul style="list-style-type: none"> Students are able to make scientific articles from their research Students are able to present scientific articles in the form of national and international seminars 					
Short Description of Courses:		This course examines the writing of scientific articles from student research which includes selection, preparation of manuscripts, procedures for national and international seminars, and the stages of publication.					
1	2	3	4	5	6	7	
Week	Final Ability of each learning stage	Study Materials/ Subjects	Learning methods	Workload	Student Learning Experience	Evaluation	
						Criteria & Indicators	Weight (%)
1	Students are able to draft part 1: introduction (Background)	Drafting part 1: introduction	Independent and assistance	476 minutes 0.75 ECTS Consist of: <ul style="list-style-type: none"> Discussion with Supervisor = 1x 240 minutes Individual Task = 1 x 118 minutes Conference (self-employed) = 1 x 118 minutes/day (16 weeks)	Experienced students preparing drafts and discussions	Activeness and accuracy of the preparation of the manuscript	5
2	Students are able to draft part 1: introduction (Objectives and Problem Formulation)	Drafting part 1: introduction	Independent and assistance	476 minutes 0.75 ECTS Consist of: <ul style="list-style-type: none"> Discussion with Supervisor = 	Experienced students preparing drafts and discussions	Activeness and accuracy of the preparation of the manuscript	5

				<p>1x 240 minutes</p> <ul style="list-style-type: none"> • Individual Task = 1 x 118 minutes <p>Conference (self-employed) = 1 x 118 minutes/day (16 weeks)</p>			
3.4	Students are able to draft part 2: method (research method)	Drafting part 2: methods	Independent and assistance	<p>476 minutes 0.75 ECTS</p> <p>Consist of:</p> <ul style="list-style-type: none"> • Discussion with Supervisor = 1x 240 minutes • Individual Task = 1 x 118 minutes <p>Conference (self-employed) = 1 x 118 minutes/day (16 weeks)</p>	Experienced students preparing drafts and discussions	Activeness and accuracy of the preparation of the manuscript	5
4	Students are able to draft part 2: research methods	Drafting part 2: methods	Independent and assistance	<p>476 minutes 0.75 ECTS</p> <p>Consist of:</p> <ul style="list-style-type: none"> • Discussion with Supervisor = 1x 240 minutes • Individual Task = 1 x 118 minutes <p>Conference (self-employed) = 1 x 118 minutes/day (16 weeks)</p>	Experienced students preparing drafts and discussions	Activeness and accuracy of the preparation of the manuscript	5
5	Students are able to draft part 3: presentation of results and discussion	Drafting part 3: results and discussion	Independent and assistance	<p>476 minutes 0.75 ECTS</p> <p>Consist of:</p> <ul style="list-style-type: none"> • Discussion with Supervisor = 1x 240 minutes 	Experienced students preparing drafts and discussions	Activeness and accuracy of the preparation of the manuscript	5

				<ul style="list-style-type: none"> • <i>Individual Task = 1 x 118 minutes</i> <i>Conference (self-employed) = 1 x 118 minutes/day (16 weeks)</i>			
6	Students are able to draft part 3: interpretation of results and discussion	Drafting part 3: results and discussion	Independent and assistance	476 minutes 0.75 ECTS Consist of: <ul style="list-style-type: none"> • <i>Discussion with Supervisor = 1x 240 minutes</i> • <i>Individual Task = 1 x 118 minutes</i> <i>Conference (self-employed) = 1 x 118 minutes/day (16 weeks)</i>	Experienced students preparing drafts and discussions	Activeness and accuracy of the preparation of the manuscript	5
7	Students are able to make a bibliography using Mendeley: citation style	Creating a bibliography using mendeley: citation style	Independent and assistance	476 minutes 0.75 ECTS Consist of: <ul style="list-style-type: none"> • <i>Discussion with Supervisor = 1x 240 minutes</i> • <i>Individual Task = 1 x 118 minutes</i> <i>Conference (self-employed) = 1 x 118 minutes/day (16 weeks)</i>	Independently using Mendeley	Accuracy in using Mendeley	5
8	Mid Term Examination	Giving full paper/final manuscript writing assignments	Independent	476 minutes of processing time is equivalent to 0.75 ECTS	Can compose the final manuscript	Accuracy in the preparation of the manuscript	10

9	Students are able to make a bibliography using Mendeley: bibliography	Creating a bibliography using mendeley: bibliography	Independent and assistance	476 minutes 0.75 ECTS Consist of: <ul style="list-style-type: none"> • Discussion with Supervisor = 1x 240 minutes • Individual Task = 1 x 118 minutes Conference (self-employed) = 1 x 118 minutes/day (16 weeks)	Independently using Mendeley	Accuracy in using Mendeley	5
10	Students know the types of scientific publications	Know the types of scientific publications	Independent and assistance	476 minutes 0.75 ECTS Consist of: <ul style="list-style-type: none"> • Discussion with Supervisor = 1x 240 minutes • Individual Task = 1 x 118 minutes Conference (self-employed) = 1 x 118 minutes/day (16 weeks)	Publication type analysis	Activeness and accuracy of publication type analysis	5
11	Students know the stages of scientific publication	Knowing the stages of scientific publication	Independent and assistance	476 minutes 0.75 ECTS Consist of: <ul style="list-style-type: none"> • Discussion with Supervisor = 1x 240 minutes • Individual Task = 1 x 118 minutes Conference (self-employed) = 1 x 118 minutes/day (16 weeks)	Can find out the stages of publication	Activeness and accuracy of the analysis of the publication stage	5

12	Students are able to compile PPT for presentation of scientific article presentation data	Able to compile PPT for presentation of scientific articles	Independent and assistance	476 minutes 0.75 ECTS Consist of: <ul style="list-style-type: none"> • Discussion with Supervisor = 1x 240 minutes • Individual Task = 1 x 118 minutes Conference (self-employed) = 1 x 118 minutes/day (16 weeks)	Can compose PPT for presentation of scientific articles	Activity	5
13	Students are able to compile PPT for presentation of data and interpretation results in the form of presentation of scientific articles	Able to compile PPT for presentation of scientific articles	Independent and assistance	476 minutes 0.75 ECTS Consist of: <ul style="list-style-type: none"> • Discussion with Supervisor = 1x 240 minutes • Individual Task = 1 x 118 minutes Conference (self-employed) = 1 x 118 minutes/day (16 weeks)	Can compose PPT for presentation of scientific articles	Activity	5
14	Students know the technique of answering questions	Know the technique of answering questions or revisions from reviewers	Independent and assistance	476 minutes 0.75 ECTS Consist of: <ul style="list-style-type: none"> • Discussion with Supervisor = 1x 240 minutes • Individual Task = 1 x 118 minutes Conference (self-employed) = 1 x 118 minutes/day (16 weeks)	Can answer questions or revisions from reviewers	Accuracy in answering	5

15	Students know the answer and revision technique from the reviewer	Know the technique of answering questions or revisions from reviewers	Independent and assistance	476 minutes 0.75 ECTS Consist of: <ul style="list-style-type: none"> • Discussion with Supervisor = 1x 240 minutes • Individual Task = 1 x 118 minutes Conference (self-employed) = 1 x 118 minutes/day (16 weeks)	Can answer questions or revisions from reviewers	Accuracy in answering	5
16	Final Examination	International seminar simulation presentation assignment	Independent	476 minutes of processing time is equivalent to 0.75 ECTS	Get presentations at international seminars	Accuracy in presentation	20
8.Reference List:		<p>1. YK Sing, Environmental Science, 2006, New Age International Publisher. Access from https://www.hzu.edu.in/bed/E%20V%20S.pdf</p> <p>2. Khoiyangbam, RS, and N Gupta. 2012. Introduction to Environmental Sciences. New Delhi: TERI</p> <p>3. Bojie Fu, Yanxu Liu, Yan Li, Cong Wang, Changjia Li, Wei Jiang, Ting Hua, Wenwu Zhao, 2021, The research priorities of Resources and Environmental Sciences, Geography and Sustainability, Volume 2, Issue 2, Pages 87-94, https://doi.org/10.1016/j.geosus.2021.04.001.</p> <p>4. Nikolai Attard, 2018, WASP (Write a Scientific Paper): Writing an academic research proposal, Early Human Development, Volume 123, Pages 39-41, https://doi.org/10.1016/j.earlhumdev.2018.04.011.</p>					