



SEMESTER STUDY PLAN

Study program: Master of Environmental Science

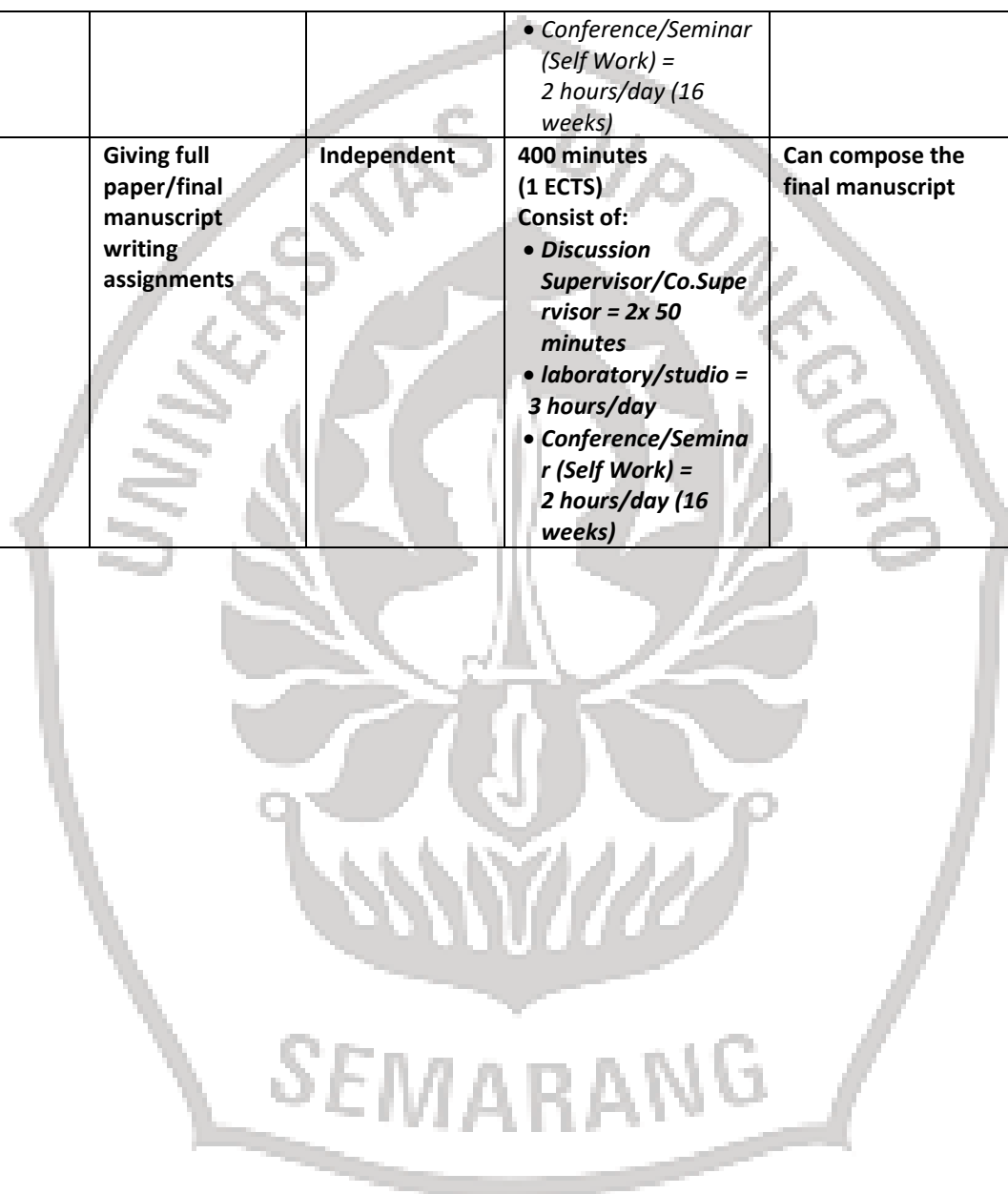
Faculty: Graduate School

Subject:		Research Seminar	Code: P-CIL-8-338	Credit:3 (16 ECTS)	Shem:3		
Supporting lecturer:		Supervisor Co-supervisor					
Learning Outcomes Subject:		<ul style="list-style-type: none">Students are able to understand research seminars that have component A (Abiotic), or B (Biotic), or C (Culture) components in the development of environmental science and or solving environmental problems.Students are able to analyze research seminar components A (Abiotic), or B (Biotic), or C (Culture) in the development of environmental science and or solving environmental problems.Students are able to explain research seminar components A (Abiotic), or B (Biotic), or C (Culture) in the development of environmental science and or solving environmental problems.					
Short Description of Courses:		This course organizes research seminars in the master's program of environmental science concentration by research.					
1	2	3	4	5	6	7	
Week	Final Ability of each learning stage	Study Materials/ Subjects	Learning methods	Time	Student Learning Experience	Evaluation	
						Criteria & Indicators	Weight (%)
1	Students are able to draft part 1: introduction	Drafting part 1: introduction	Independent and assistance	400 Minutes (1 ECTS) Consist of: <ul style="list-style-type: none">Discussion Supervisor/Co.Super visor = 2x 50 minuteslaboratory/studio = 3 hours/dayConference/Seminar (Self Work) = 2 hours/day (16 weeks)	Experienced students preparing drafts and discussions	Activeness and accuracy of the preparation of the manuscript	5

2	Students are able to make a preliminary draft of part 2	Drafting part 2: introduction	Independent and assistance	400 Minutes (1 ECTS) Consist of: <ul style="list-style-type: none"> • <i>Discussion Supervisor/Co.Super visor = 2x 50 minutes</i> • <i>laboratory/studio = 3 hours/day</i> • <i>Conference/Seminar (Self Work) = 2 hours/day (16 weeks)</i> 	Experienced students preparing drafts and discussions	Activeness and accuracy of the preparation of the manuscript	5
3	Students are able to make a draft method	Drafting: methods	Independent and assistance	400 minutes (1 ECTS) Consist of: <ul style="list-style-type: none"> • <i>Discussion Supervisor/Co.Super visor = 2x 50 minutes</i> • <i>laboratory/studio = 3 hours/day</i> • <i>Conference/Seminar (Self Work) = 2 hours/day (16 weeks)</i> 	Experienced students preparing drafts and discussions	Activeness and accuracy of the preparation of the manuscript	5
4	Students are able to draft part 2: method	Drafting part 2: methods	Independent and assistance	400 minutes (1 ECTS) Consist of: <ul style="list-style-type: none"> • <i>Discussion Supervisor/Co.Super visor = 2x 50 minutes</i> • <i>laboratory/studio = 3 hours/day</i> 	Experienced students preparing drafts and discussions	Activeness and accuracy of the preparation of the manuscript	5

				<ul style="list-style-type: none"> • <i>Conference/Seminar (Self Work) = 2 hours/day (16 weeks)</i> 			
5	Students are able to make drafts: results and discussion	Drafting: results and discussion	Independent and assistance	400 minutes (1 ECTS) Consists of: <ul style="list-style-type: none"> • <i>Discussion Supervisor/Co.Super visor = 2x 50 minutes</i> • <i>laboratory/studio = 3 hours/day</i> • <i>Conference/Seminar (Self Work) = 2 hours/day (16 weeks)</i> 	Experienced students preparing drafts and discussions	Activeness and accuracy of the preparation of the manuscript	5
6	Students are able to draft part 3: results and discussion	Drafting part 3: results and discussion	Independent and assistance	400 minutes (1 ECTS) Consists of: <ul style="list-style-type: none"> • <i>Discussion Supervisor/Co.Super visor = 2x 50 minutes</i> • <i>laboratory/studio = 3 hours/day</i> • <i>Conference/Seminar (Self Work) = 2 hours/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	400 minutes (1 ECTS) Consist of: <ul style="list-style-type: none"> • <i>Discussion Supervisor/Co.Super visor = 2x 50 minutes</i> • <i>laboratory/studio = 3 hours/day</i> 	Independently using Mendeley	Accuracy in using Mendeley	5

				<ul style="list-style-type: none"> • <i>Conference/Seminar (Self Work) = 2 hours/day (16 weeks)</i> 			
8	UTS	Giving full paper/final manuscript writing assignments	Independent	400 minutes (1 ECTS) Consist of: <ul style="list-style-type: none"> • <i>Discussion Supervisor/Co.Supe rvisor = 2x 50 minutes</i> • <i>laboratory/studio = 3 hours/day</i> • <i>Conference/Seminar (Self Work) = 2 hours/day (16 weeks)</i> 	Can compose the final manuscript	Accuracy in the preparation of the manuscript	5



9	Students are able to make a bibliography using Mendeley: bibliography	Creating a bibliography using mendeley: bibliography	Independent and assistance	400 minutes (1 ECTS) Consist of: <ul style="list-style-type: none"> • Discussion Supervisor/Co .Supervisor = 2x 50 minutes • laboratory/studio = 3 hours/day • Conference/Seminar (Self Work) = 2 hours/day (16 weeks) 	Independently using Mendeley	Accuracy in using Mendeley	5
10	Students know the types of research seminars	Know the types of scientific publications	Independent and assistance	400 minutes (1 ECTS) Consist of: <ul style="list-style-type: none"> • Discussion Supervisor/Co .Supervisor = 2x 50 minutes • laboratory/studio = 3 hours/day • Conference/Seminar (Self Work) = 2 hours/day (16 weeks) 	Publication type analysis	Activeness and accuracy of publication type analysis	5
11	Students know the stages of research seminars	Knowing the stages of scientific publication	Independent and assistance	400 minutes (1 ECTS) Consist of: <ul style="list-style-type: none"> • Discussion Supervisor/Co .Supervisor = 2x 50 minutes 	Can find out the stages of publication	Activeness and accuracy of the analysis of the publication stage	5

				<ul style="list-style-type: none"> • <i>laboratory/studio</i> = 3 hours/day • <i>Conference/Seminar (Self Work)</i> = 2 hours/day (16 weeks) 			
12	Students are able to compile PPT for presentation of scientific articles	Able to compile PPT for presentation of scientific articles	Independent and assistance	400 minutes (1 ECTS) Consist of: <ul style="list-style-type: none"> • <i>Discussion Supervisor/Co-Supervisor</i> = 2x 50 minutes • <i>laboratory/studio</i> = 3 hours/day • <i>Conference/Seminar (Self Work)</i> = 2 hours/day (16 weeks) 	Can compose PPT for presentation of scientific articles	Activity	5
13	Students are able to compile PPT for presentation of scientific articles	Able to compile PPT for presentation of scientific articles part 2	Independent and assistance	400 minutes (1 ECTS) Consist of: <ul style="list-style-type: none"> • <i>Discussion Supervisor/Co-Supervisor</i> = 2x 50 minutes • <i>laboratory/studio</i> = 3 hours/day • <i>Conference/Seminar (Self Work)</i> = 2 hours/day (16 weeks) 	Can compose PPT for presentation of scientific articles	Activity	5

				2 hours/day (16 weeks)			
14	Students know the technique of answering questions or revisions from reviewers	Know the technique of answering questions or revisions from reviewers	Independent and assistance	400 minutes (1 ECTS) Consist of: • Discussion Supervisor/Co .Supervisor = 2x 50 minutes • laboratory/studio = 3 hours/day • Conference/Seminar (Self Work) = 2 hours/day (16 weeks)	Can answer questions or revisions from reviewers	Accuracy in answering	5
15	Students know the technique of answering questions or revisions from part 2 reviewers and evaluations	Know the technique of answering questions or revisions from reviewers	Independent and assistance	400 minutes (1 ECTS) Consist of: • Discussion Supervisor/Co .Supervisor = 2x 50 minutes • laboratory/studio = 3 hours/day • Conference/Seminar (Self Work) = 2 hours/day (16 weeks)	Can answer questions or revisions from reviewers	Accuracy in answering	5
16	UAS	International seminar simulation presentation assignment	Independent	400 minutes (1 ECTS) Consist of: • Discussion Supervisor/Co	Get presentations at international seminars	Accuracy in presentation	5

				.Supervisor = 2x 50 minutes • laboratory/studio = 3 hours/day • Conference/Seminar (Self Work) = 2 hours/day (16 weeks)		
8.Reference List:		<ol style="list-style-type: none"> 1. Evans David, Gruba Paul, Zobel Justin. 2014. How to Write a Better Thesis (Third Edition). Jumper 2. Khoiyangbam, RS, and N Gupta. 2012. Introduction to Environmental Science. New Delhi: TERI 3. Bojie Fu, Yanxu Liu, Yan Li, Cong Wang, Changjia Li, Wei Jiang, Ting Hua, Wenwu Zhao, 2021, Research priorities for Resources and Environmental Science, Geography and Sustainability, Volume 2, Issue 2, Pages 87-94,https://doi.org/10.1016/j.geosus.2021.04.001. 4. Nikolai Attard, 2018, WASP (Write 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. 5. Sarah Cuschieri, Victor Grech, Charles Savona-Ventura, 2018, WASP (Writing Scientific Papers): How to write a scientific thesis, Early Human Development, Volume 127, Pages 101-105,https://doi.org/10.1016/j.earlhumdev.2018.07.012. 				