



SEMESTER STUDY PLAN

Study program: Master of Environmental Science

Faculty: Graduate School

Subject:	Environmental Planning Theory	Code: P-CIL-8-204	Credit:3 (6 ECTS)	Shem:2
Supporting lecturer:	Prof. Dr. Sudharto Prawata Hadi, MES, Ph.D Dr. Kismartini, M.Si Dr. Eng. Maryono, ST, MT			
Learning Outcomes Subject:	Able to prepare environmental planning plans and their alternatives			
Short Description of Courses:	The Environmental Planning (Design for Environment) course is a course in a systematic approach to evaluating the environmental impacts of products and their processes, and their impact on human health and the environment. This course also provides learning about the practice of preparing an environmental plan along with alternatives following the needs of a case study.			

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	Understanding environmental planning theory in general	Introduction to Environmental Planning Theory	Lectures, questions and answers, and discussions	330min (0.375 ECTS) Consist of: • <i>Lecture:180 minutes</i> • <i>Q&A: 30 minutes</i> • <i>Discussion : 30 minutes</i> • <i>Presentation : 30 minutes</i>	Students listen to the lecturer's explanation and answer the lecturer's questions, as well as discuss	• Presence • Activeness in Discussion • Understanding	5

				<i>Individual tasks: 60 minutes/day (16 weeks)</i>			
2	Able to describe the scope of planning	Scope of Planning	Lectures, questions and answers, and discussions	330min (0.375 ECTS) Consist of: • <i>Lecture:180 minutes</i> • <i>Q&A: 30 minutes</i> • <i>Discussion : 30 minutes</i> • <i>Presentation : 30 minutes</i> <i>Individual tasks: 60 minutes/day (16 weeks)</i>	Students listen to the lecturer's explanation and answer the lecturer's questions, as well as discuss	• Presence • Activeness in Discussion • Understanding	5
3	Able to explain issues from Development Planning	Development Planning Issues	Lectures, questions and answers, and discussions	330min (0.375 ECTS) Consist of: • <i>Lecture:180 minutes</i> • <i>Q&A: 30 minutes</i> • <i>Discussion : 30 minutes</i> • <i>Presentation : 30 minutes</i> <i>Individual tasks: 60 minutes/day (16 weeks)</i>	Students listen to the lecturer's explanation and answer the lecturer's questions, as well as discuss	• Presence • Activeness in Discussion • Understanding	5
4	Able to understand Economic Oriented Development	Criticism of Economic-Oriented Development	Lectures, questions and answers, and discussions	330min (0.375 ECTS) Consist of: • <i>Lecture:180 minutes</i> • <i>Q&A: 30 minutes</i> • <i>Discussion : 30</i>	Students listen to the lecturer's explanation and answer the lecturer's	• Presence • Activeness in Discussion • Understanding	5

				<i>minutes</i> • <i>Presentation : 30 minutes</i> <i>Individual tasks: 60 minutes/day (16 weeks)</i>	questions, as well as discuss		
5	Able to explain the comparison between planning theory	Comparison of Planning Theories	Lectures, questions and answers, and discussions	330min (0.375 ECTS) Consist of: • <i>Lecture:180 minutes</i> • <i>Q&A: 30 minutes</i> • <i>Discussion : 30 minutes</i> • <i>Presentation : 30 minutes</i> <i>Individual tasks: 60 minutes/day (16 weeks)</i>	Students listen to the lecturer's explanation and answer the lecturer's questions, as well as discuss	• Presence • Activeness in Discussion • Understanding	5
6	Able to understand the classification of a plan	Classification of Types and Forms of Planning	Lectures, questions and answers, and discussions	330min (0.375 ECTS) Consist of: • <i>Lecture:180 minutes</i> • <i>Q&A: 30 minutes</i> • <i>Discussion : 30 minutes</i> • <i>Presentation : 30 minutes</i> <i>Individual tasks: 60 minutes/day (16 weeks)</i>	Students listen to the lecturer's explanation and answer the lecturer's questions, as well as discuss	• Presence • Activeness in Discussion • Understanding	5
7	Able to understand the role of Development Planning	The Role of Development Planning in achieving prosperity	Lectures, questions and	330min (0.375 ECTS) Consist of: • <i>Lecture:180</i>	Students listen to the lecturer's explanation and	• Presence • Activeness in Discussion • Understanding	5

			answers, and discussions	<i>minutes</i> • Q&A: 30 minutes • Discussion : 30 minutes • Presentation : 30 minutes <i>Individual tasks: 60 minutes/day (16 weeks)</i>	answer the lecturer's questions, as well as discuss		
8	UTS	Meeting Material 1-7	Independent Written Test	330 minutes of processing time or the equivalent of 0.25 ECTS	Students working on UTS questions	Answer quality and timeliness	10
9	Able to understand Environmental Planning thoroughly	Environmental Planning (Components, Objectives, and Processes)	Lectures, questions and answers, and discussions	330min (0.375 ECTS) Consist of: • Lecture:180 minutes • Q&A: 30 minutes • Discussion : 30 minutes • Presentation : 30 minutes <i>Individual tasks: 60 minutes/day (16 weeks)</i>	Students listen to the lecturer's explanation and answer the lecturer's questions, as well as discuss	• Presence • Activeness in Discussion • Understanding	5
10	Able to understand Sustainable development and Environmental Studies in Planning	Sustainable Development and Environmental Studies in Planning	Lectures, questions and answers, and discussions	330min (0.375 ECTS) Consist of: • Lecture:180 minutes • Q&A: 30 minutes • Discussion : 30 minutes	Students listen to the lecturer's explanation and answer the lecturer's questions, as well as discuss	• Presence • Activeness in Discussion • Understanding	5

				• <i>Presentation : 30 minutes</i> <i>Individual tasks: 60 minutes/day (16 weeks)</i>			
11	Able to understand the stages and challenges in Planning Practice	Stages and Challenges of Planning Practice	Lectures, questions and answers, and discussions	330min (0.375 ECTS) Consist of: • <i>Lecture:180 minutes</i> • <i>Q&A: 30 minutes</i> • <i>Discussion : 30 minutes</i> • <i>Presentation : 30 minutes</i> <i>Individual tasks: 60 minutes/day (16 weeks)</i>	Students listen to the lecturer's explanation and answer the lecturer's questions, as well as discuss	• Presence • Activeness in Discussion • Understanding	5
12	Able to understand Strategic Planning	Strategic Planning	Lectures, questions and answers, and discussions	330min (0.375 ECTS) Consist of: • <i>Lecture:180 minutes</i> • <i>Q&A: 30 minutes</i> • <i>Discussion : 30 minutes</i> • <i>Presentation : 30 minutes</i> <i>Individual tasks: 60 minutes/day (16 weeks)</i>	Students listen to the lecturer's explanation and answer the lecturer's questions, as well as discuss	• Presence • Activeness in Discussion • Understanding	5
13	Able to explain engineering aspects of planning	Engineering Aspects in Planning	Lectures, questions and answers, and discussions	330min (0.375 ECTS) Consist of: • <i>Lecture:180 minutes</i>	Students listen to the lecturer's explanation and answer the	• Presence • Activeness in Discussion • Understanding	5

				• Q&A: 30 minutes • Discussion : 30 minutes • Presentation : 30 minutes Individual tasks: 60 minutes/day (16 weeks)	lecturer's questions, as well as discuss		
14	Able to develop alternative plans and make decisions	Alternative Planning and Decision Making Practices (Individual Presentation)	Lectures, questions and answers, and discussions	330min (0.375 ECTS) Consist of: • Lecture:180 minutes • Q&A: 30 minutes • Discussion : 30 minutes • Presentation : 30 minutes Individual tasks: 60 minutes/day (16 weeks)	Students listen to the lecturer's explanation and answer the lecturer's questions, as well as discuss	• Presence • Activeness in Discussion • Understanding	5
15	Able to develop alternative plans and make decisions	Alternative Planning and Decision Making Practices (Individual Presentation)	Lectures, questions and answers, and discussions	330min (0.375 ECTS) Consist of: • Lecture:180 minutes • Q&A: 30 minutes • Discussion : 30 minutes • Presentation : 30 minutes Individual tasks: 60 minutes/day (16 weeks)	Students listen to the lecturer's explanation and answer the lecturer's questions, as well as discuss	• Presence • Activeness in Discussion • Understanding	5

16	UAS	Meeting Materials 1-15 (resume material)	Written test	330 minutes of processing time or the equivalent of 0.25 ECTS	Students working on UAS questions	Quality of answers and timeliness of collection	20
8. Reference List:		1. Khambali, 2016, Disaster Management, ANDI Publisher, Yogyakarta 2. Bachtiar Erniati, et al (ed), 2021, Disaster and Environmental Knowledge, Publisher of the Kita Writing Foundation, Medan 3. Lestari Puji, 2018, Disaster Communication Important Aspects of Disaster Risk Reduction, Publisher PT Kanisius, Yogyakarta 4. Musthofa, 2019, Unraveling the Chaos of Environmental Disasters (Reflections on Environmental Journalism and Deep Ecology in Indonesia), Publisher UMM Press and PSLK UMM, Malang					

