Module designation	The Environmental Degradation course discusses the concepts, theories, scope of study, causal factors and typologies of environmental degradation. In addition, it also studies the impact of land/forest/water and air degradation on environmental damage, the role of landscape approaches in assessing land degradation, and how land rehabilitation efforts improve environmental degradation. At the end of the lecture, a case study is given about the degradation of the area in a location and students are expected to be able to review and produce recommendations for their rehabilitation.						
	Environmental degradation courses are carried out using the SCL method and case-based learning to improve students' understanding and ability to analyze the causes of environmental degradation and recommendations for recovery. The case study at the end of the lecture is intended to improve the ability of students to work in groups to study and solve the problem of environmental degradation in a certain place.						
	After completing the lecture, students are expected to be able to explain the concept of environmental degradation, identify the causal factors, typology and classification of environmental damage, and provide recommendations on efforts to improve and rehabilitate environmental degradation that occurs.						
Semester(s) in	Odd/Even						
which the							
module is taught							
Person	Prof. Dr. Suratman, M.Sc.						
responsible for	Dr. Sigit Heru Murti Budi Santosa, S.Si., M.Si.						
the module	_						
Language	Indonesian						
Relation to	Elective						
curriculum							
Teaching methods	SCL: Team-based Project/Case-based Learning/PBL						
Workload (incl. contact hours,	CLO1	Interactive le	ectures and discussions 4 x meetings (8 x 50 minutes)				
self-study hours)	CLO2	Interactive lectures and individual assignments		6 x meetings (12 x 50 minutes)			
CLO3 G		Grand design and group tasks		4 meetings (8 x 50 minutes)			
Credit points		Percentag		CLO (%)			
	Assessment	e of	Criteria/ Indicato	ore			
	Techniques	Assessmen	Criteria/ indicato	ors 1		2	3
		t (%)					
	Participatory	15	Presentation contribut	ions	5	5	5
Activities Presentation rubric		-					
	<u> </u>				1	L	

Required and recommended prerequisites for joining the module	Project Results/ Case Study Results/ PBL Results Cognitive Assignment Quiz Final Exam Total Tidak Ada	15 10 25 100%	Problem analysis PBL assessment rubric  Heading penilaian Heading penilaian Answer key	5 5 15	10 5 10	35
Module objectives/intend ed learning outcomes	ELO2	Supporting Competence I (knowledge and <i>understanding</i> of) is being able to understand, synthesis, and or evaluate the development of concepts, theories and applications of geography for the benefit of development.  Supporting Competence III (practical skill-able to) is being able to develop, modify, and synthesis geographic analysis methods to solve problems in the real world, whether spatial, ecological, or regionally complex.				nent of
	ELO4					o solve
	CLO1	Able to understand the concepts, theories, thresholds, and applications of geography to overcome environmental degradation [ELO2]				
	CLO2	Able to synthesis and evaluate concepts and theories to overcome environmental problems [ELO2]				
	CLO3	Able to develop research methods to solve environmental resource problems [ELO4]			source	
Content	CLO1	The concept of the theory of environmental degradation     Scope of environmental degradation studies     Typology of environmental degradation     Factors causing environmental degradation     Landscape approach to land degradation mapping     Policies, regulations and global issues related to environmental damage			ital	
	CLO2	1. Climate change and environmental degradation 2. The impact of forest degradation on environmental damage 3. The impact of land degradation on environmental damage 4. The impact of water degradation and air pollution on environmental damage 5. Local wisdom and environmentally sound development				

	CLO3	<ol> <li>Classification of environmental degradation and damage</li> <li>Rehabilitation of degradation and environmental damage</li> <li>Case studies</li> </ol>		
Examination forms	Final Exam			
Study and				
Examination				
Requirements				
Reading list	Main References :			
		Katiyar, V. and Verma, SK., Environmental Degradation-Issues and Challenges,     New Delhi Publisher, 2012		
	<ol> <li>Kalamdhad, AS., Haq, I., and Dash, S., Environment Degradation: Monitoring, Assessment dan Treatment Technologies, Springer, 2022</li> </ol>			
	3. Marsh, A	, Environmental Degradation, Earth Reminder, 2021		
	4. Markandya, A., and Dale, N., <i>Measuring Environmental Degradation</i> , Edwa Elgar, 2001			