MODULE HANDBOOK

Module/Course TitleStudent Workload 2 CU X872020205116 X 170'= 90,6618		Workload	Credits 2 CU 3.18 ECTS	Semester 3 TH	Frequency ONCE YEAR	Duration 1 SEMESTER
		16 X 170'=				
1	Types of courses LECTURES PRACTICUM		Contact hours	Independent Study	Structured Study	Class size
			(2CU X 1,59 ECTS) X{(50:170')X 28,51 Workhours= 26,64	(2CU X 1,59 ECTS) X{(60:170')X 28,51 Workhours= 31,96	(2CU X 1,59 ECTS) X{(60:170')X 28,51 Workhours= 31,96	MAX 40 STUDENT
2	Prerequisites for participation (if applicable) None					
3	PLO-3 Able to pr geospatia PLO-6 Able to m and geog PLO-8 Able to fo physical a and resea PLO-11 Able to ar resources support si	I technology t ake appropria raphy educati rmulate, proc and human as arch nalyze regiona s and disaster ustainable de	te, present geos for geography le ate decisions in on, based on th ess, analyze da spects by using al and regional o s based on the velopment	sphere data and in earning and resear the context of prol ne results of inform ata, and present ge geospatial technol characteristics (reg principles and app	rch blem solving in g hation and data eosphere inform logy for geograp gionalization) in	geography analysis ation both ohy learning the context o
	CLO-3 Able to pr geospatia CLO-6	I technology	ze, present geos for geography le	sphere data and ir earning and resear	rch of soil geogr	aphy.

	Able to process, analyze, and present rain data, erosion data, critical land using					
	geospatial technology for research					
	CLO-11					
	Able to analyze soil characteristics, land conservation in an area to support					
	sustainable development.					
4	Learning materials					
	1. Land and life					
	2. Soil-forming composition					
	3. Physical properties of the soil					
	4. Soil chemical properties					
	5. Soil biological properties					
	6. Land classification					
	7. Soil types and distribution					
	8. Land survey					
	9. Erosion					
	10. Land mapping					
	11. Conservation					
	12. Land evaluation					
5	Teaching methods					
	Project Base Learning					
6	Assessment methods					
	paper test					
7	This module/course is used in the following study programme/s as well					
	-					
8	Responsibility for module/course					
	Compulsory/Elective*/					
9	1. Jamulya, 1989. Geogarafi Tanah, Konsep dan Terapannya. Makalah Pidato Pengukuhan Jabatan Lektor Kepala Madya Dalam Geografi Tanah,					
	Yogyakarta: Fakkultas Geografi UGM					
	2. Sutanto, Rachman, 2005. Dasar-Dasar Ilmu Tanah, Konsep dan Kenyataan.					
	Yogyakarta : Kanisius					
	3. Natohadiprawiro, Tejoyuwono, 1994. Geografi Tanah. Diktat Kuliah,					
	Yogyakarta: Program PascasarjanaUGM.					
	4. Sartohadi, J., Jamulyo, Dewi, N. I. S., 2012. <i>Pengantar Geografi Tanah</i> .					
	Yogyakarta : Pustaka Pelajar					
	5. Andersen, S., Schaetzl, R., 2005. Soil Genesis and Geomorphology. Cambridge					
	: Cambridge University Press,					
	6. Suripin, 2004. <i>Pelestarian Sumberdaya Tanah dan Air</i> . Yogyakarta : Penerbit					
	Andi					