

MODULE HANDBOOK

THEMATIC CARTHOGRAPHY					
Module/Course Title	Student Workload	Credits	Semester	Frequency	Duration
8720202216	2 CU X 14 X 170'= 90,6618	2 CU 3.18 ECTS	2TH SEMESTER	ONCE YEAR	1 SEMESTER
1	Types of courses LECTURES PRACTICUM	Contact hours (2CU X 1,59 ECTS) X{(50:170')X 28,51 Workhours= 26,64	Independent Study (2CU X 1,59 ECTS) X{(60:170')X 28,51 Workhours= 31,96	Structured Study (2CU X 1,59 ECTS) X{(60:170')X 28,51 Workhours= 31,96	Class size MAX 35 STUDENT
2	Prerequisites for participation (if applicable) none				
3	Program Learning outcomes				
	PLO 2 Able to analyze regional and zoning characteristics (regionalization) in the context of resources and disasters based on the principles and approach of Geography to support sustainable development.				
	PLO 6 able to make appropriate decisions in the context of solving problems in the field of geography and geography education, based on the results of analysis of information and data.				
	PLO 8 Able to formulate, process, analyze data, and present geosphere information, both physical and human aspects by using geospatial technology for geography learning and research				
	PLO 12 Able to work together, have social sensitivity, high concern for society and the environment				
	COURSE LEARNING OUTCOME (CLO)				

	<ol style="list-style-type: none"> 1. Ability to analyze regional characteristics and zoning (regionalization) in the context of natural resources and disasters based on geographic principles and approaches in certain map themes to support sustainable development. 2. Ability to make the right decisions in the context of solving problems in the field of geography and geography education, based on the results of analysis of information and data on certain map themes. 3. Ability to formulate, process, analyze data, and present geosphere information both physical and human aspects by utilizing geospatial technology for geography learning and research on certain map themes. 4. Ability to work together, have social sensitivity, high concern for society and the environment
4	<p>Subject aims/Content</p> <ol style="list-style-type: none"> 1. Relief of the earth's surface using the Hachuring method 2. Relief of the earth's surface with the Plastic Shading method 3. Relief of the earth's surface with the Contouring Method 4. Relief of the earth's surface with the Morphographic Method 5. Relief of the earth's surface with the Tanaka Kitiro Method 6. The concept of symbols in map making 7. Hydrography and human creations with appropriate symbols. 8. Lettering in mapping 9. The concept of color composition and shading in map making. 10. Composition and Lay Out in Map making 11. Conditions for making good and correct maps
5	<p>Teaching methods <i>Project Base Learning, Self Direction Learning, Small Group Discussion</i></p>
6	<p>Assessment methods <i>Portofolio, paper test</i></p>
7	<p>This module/course is used in the following study programme/s as well -</p>
8	<p>Responsibility for module/course COMPULSORY/ELECTIVE*</p>
9	<p>Other information</p> <ol style="list-style-type: none"> 1. Subagio, 2003, <i>Pengetahuan Peta</i>, Bandung : ITB. 2. Grafarend, E.W., 2013, <i>Map Projections. Cartographic Information System</i>. Stuttgart: Springer. 3. Raiz, Erwin, 1984, <i>General Cartography</i>, New York : John Wiley & Sons, Inc. 4. Robinson, A., 1995, <i>Elements of Cartography</i>, New York : John Wiley & Sons, Inc.