MODULE HANDBOOK

<table>
<tr><td colspan="7">GENERAL GEOMORPHOLOGY</td></tr>
<tr><td colspan="2">Module/Course Title

8720203067</td><td>Student Workload

3 CU X 14 X 170’ = 135,993</td><td>Credits

3 CU
4.77 ECTS</td><td>Semester

1TH</td><td>Frequency

ONCE YEAR</td><td>Duration

1 SEMESTER</td></tr>
<tr><td>1</td><td colspan="2">Types of courses
LECTURES
PRACTICUM</td><td>Contact hours

(3CU X 1,59 ECTS) X{(50:170’)X 28,51 Workhours= 39,99</td><td>Independent Study

(3CU X 1,59 ECTS) X{(60:170’)X 28,51 Workhours= 47,99</td><td>Structured Study

(3CU X 1,59 ECTS) X{(60:170’)X 28,51 Workhours= 47,99</td><td>Class size

MAX 35 STUDENT</td></tr>
<tr><td>2</td><td colspan="6">Prerequisites for participation (if applicable)
none</td></tr>
<tr><td rowspan="4">3</td><td colspan="6">Program Learning outcomes</td></tr>
<tr><td colspan="6">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.</td></tr>
<tr><td colspan="6">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.</td></tr>
<tr><td colspan="6">PLO 9
Able to apply regional theory for sustainable regional planning and development</td></tr>
<tr><td></td><td colspan="6">PLO 11
Demonstrate a responsible attitude towards work in their field of expertise independently</td></tr>
<tr><td></td><td colspan="6">COURSE LEARNING OUTCOME (CLO)
1. Ability to analyze regional characteristics and zoning (regionalization) in the context of resource geomorphology and disaster geomorphology based on the principles and approaches of geography to support sustainable development.
2. The ability to make the right decisions in the context of solving geomorphological problems in the field of geography and geography education, based on the results of information and data analysis.
3. Ability to apply regional geomorphological theory for sustainable regional planning and development
4. Demonstrate a responsible attitude towards work in his field of expertise, namely geomorphology independently</td></tr>
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4	**Subject aims/Content** (tujuan pembelajaran mata kuliah/materi pokok) 1. The role of geomorphology in life 2. The development of geomorphology and its relation to other sciences 3. How to study geomorphology 4. Landform factor 5. Geomorphological data sources 6. Geomorphological survey and mapping 7. Volcanic landforms 8. Fluvial landforms 9. Marine landforms 10. Eolin landform 11. Organic Formations 12. Structural Landform 13. Danudational landforms 14. Anthropogenic landforms 15. Karst landforms
5	**Teaching methods** *Project Base Learning, Self Direction Learning, Small Group Discussion*
6	**Assessment methods** *Portofolio, paper test*
7	**This module/course is used in the following study programme/s as well** -
8	**Responsibility for module/course** COMPULSORY/~~ELECTIVE~~*/
9	**Other information** 1. Bird, Eric. 2008. *Coastal Geomorphology*. *An Introdution*. Jhon Wiley & Sons Ltd., West Sussex 2. Bull, William, B. 2007. *Tectonic Geomorphology of Montains : A New Approach to Paleoseismology.* Blackwell Publishing, Malden, Oxford, & Victoria 3. Cooke, R.U. and J.C. Dornkamp., 1994. *Geomorphology in Environmental Management. A New Introduction, edisi kedua.* Claredon Press, Oxford 4. Charlton, Ro. 2008. *Fundamental of Fluvial Geomorphology*. Routledge 5. Dackombe and Gardiner, 1983. *Geomorphological Field Manual*. Allen Unwin, London 6. Ford, D.; Williem, P.; 2007. *Karst Hydrogeology and Geomorphology*. Jhon Wiley & Sons Ltd. 7. Garasea, E. 1984. Geomorphology and Natural Hazard. *Geomorphology*, Vol 10. www.elsevier.com/locate/geomorph 8. Goudie, A.S. 2004. *Encyclopedia of Geomorphology Volume 1*. Routledge, New York 9. Haggett, R. J. 2003. *Fundamentals of Geomorphology*. Routledge, London 10. Schmincke, H.U., 2006. *Volcanism*. Springer, Berlin 11. Tjia, H.D., 1987. *Geomorfologi*. Dewan Bahasa dan Pustaka Kementerian Pendidikan Malaysia, Kuala Lumpur 12. Verstappen, H. Th. 1983. *Applied Geomorphology*. Elsevier, Amsterdam