



THE MODULE HANDBOOK

FACULTY OF BIOLOGY

Geomorphology

Module code	GEF 1120IUP
Module level	1 st year of Undergraduate Program in Biology
Abbreviation, if applicable	-
Sub-heading, if applicable	-
Courses included in the module, if applicable	-
Semester/term	Odd
Module coordinator(s)	Dr. M. Anggri Setiawan
Lecture(s)	Dr. M. Anggri Setiawan
Language	English
Classification within the Curriculum	Elective Course
Teaching format/class hours per week during the semester	This course is taught in semester 1, has been planned to have 13 or 14 week-meetings per semester and 2 – 3 weeks of examination. Combine with teacher centered method, Student Centered Learning (SCL) method using Problem Based Learning (PBL) approach is applied during some week teachings, especially when teaching topics need elaboration of students' knowledge.
Workload	Estimated working hour: 7 hours/week.
Credit points	2-0 credits
Requirements	-
Learning goals/competencies	<ol style="list-style-type: none">1. Knowledge and understanding Students who had successfully completed this subject would have deeper knowledge and analysis capability so that they can design and conduct the research about geomorphology or related sciences.2. Ability/intellectual skills Students who had successfully completed this subject would be skilled and able to elaborate their self in various basic research, especially in geomorphology.



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	<p>3. Practice skills Students who had successfully completed this subject would be able to do research in geomorphology in accordance with the standard procedures and ethics.</p> <p>4. Managerial and transferable skills Students who had successfully completed this subject would be able to:</p> <ol style="list-style-type: none">work together with the other researcher in team.elaborate their skills and knowledges they have got and integrate them with various related sciences. <p>5. Attitude Students who had successfully completed this subject would be:</p> <ol style="list-style-type: none">able to improve their analytical skillsable to work together with the other researcher in team
Content	<p>This course learns about: the basic principal of geomorphology, force and process of geomorphology, earth structure, the concept of tectonic in Indonesia, temperature and rainfall changing. This course also includes looking at landscapes to work out how the earth surface processes, such as air, water and ice, can mould the landscape. Landforms are produced by erosion or deposition, as rock and sediment is worn away by these earth-surface processes and transported and deposited to different localities. The different climatic environments produce different suites of landforms. The landforms of deserts, such as sand dunes and ergs, are a world apart from the glacial and periglacial features found in polar and sub-polar regions</p>
Study/ exam achievements	<ol style="list-style-type: none">Assignment: 20%Midterm: 30%Final examination: 50%
Forms of media	White board, LCD and laptop
Literature	<ol style="list-style-type: none">Summerfield, M.A. Global Geomorphology: An introduction to the study of landforms, longman scientific and technical, New York.Verstappen, H. 1963. Geomorphologicaal obeservations on Indonesian volcanos.Zuidam, R.A. Guide to geomorphological aerial photographic interpretation and mapping, ITC.