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Module designation	Earth Science
Module level, if applicable	Undergraduate
Code, if applicable	PIPAUM6204
Subtitle, if applicable	-
Courses, if applicable	-
Semester(s) in which the module is taught	Odd/Spring Term
Person responsible for the module	Agung Mulyo Setiawan, S.Pd., M.Si
Lecturer	Agung Mulyo Setiawan, S.Pd., M.Si; Daeng Achmad Su'aidy, S.Si., M.Kom; Dr. Siti Zulaikah, S.Pd., M.Si.
Language	Bahasa Indonesia
Relation to curriculum	Undergraduate degree program, compulsory, 3th, 5th or 7th semester.
Type of teaching, contact hours	Cooperative Learning 100 minutes & 170 minutes for experiments per week
Workload	<ol style="list-style-type: none"> 1. Lectures: 2 x 50 = 100 minutes (1,67 hours) per week 2. Exercise and Assigments: 2 x 60 minutes = 120 minutes (2 hours) per week 3. Private Study: 2 x 60 minutes = 120 minutes (2 hours) per week 4. Experiments: 170 minutes per week
Credit points	3 credit points (~4.76 ECTS-eq).
Requirements according to the examination regulations	A student must have attended at least 80% of the lectures to sit in the exams.
Recommended prerequisites	-
Module objectives/intended learning outcomes	After completing this module, students are expected to: LO 2: master basic physics knowledge and earth science using the Nature of Science (NOS) along with logical, critical, systematical, and innovative thinking in team collaboration using local potential and information technology development.
Content	1) the formation, structure, and plates of the Earth; 2) Power forming the face of the earth; 3) Earth's atmosphere; 4) Earth's hydrosphere; 5) Geological disasters
Study and examination	Presentation, Practical Report, Middle Exam, and Final

requirements and forms of examination	Exam
Media employed	Presentation, Practical Report, Middle Exam, and Final Exam, moodle (SIPEJAR)
Reading list	<ol style="list-style-type: none"> 1. Feather Jr RM, Snyder SL, & Zike D. 2005. Glencoe Science: Earth Science. New York: McGraw-Hill Companies, Inc. 2. Suaidi, DA. 2014. Earth Sciences and Astronomy. Malang: UM Press. 3. Tyasyono B. 2003. Geosciences. Bandung: ITB Publisher. 4. Tjasyono, B. 2006. Earth and Space Sciences. Bandung: Youth Rosdakarya. 5. Suhandi A, et al. 2007. Basic Concept of Space Earth for SD. Bandung: UPI Press.
Date of last amendment made	May, 2020