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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 |
| 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 | 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
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| 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, a student is expectedto:LO2 Demonstrate knowledge of basic physics and earth scienceLO11 Demonstrate logical thinking and good scientific manner in teamwork and communicate their results in writing and orally  |
| 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 requirements and forms of examination | Presentation, Practical Report, Middle Exam, and Final Exam |
| Media employed | Presentation, Practical Report, Middle Exam, and Final Exam, moodle (SIPEJAR) |
| Reading list | 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.
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