Email: ipa.fmipa@um.ac.id
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| Module designation | Biodiversity |
| Module level, if applicable | Undergraduate |
| Code, if applicable | PIPAUM6104 |
| Subtitle, if applicable | - |
| Courses, if applicable | - |
| Semester(s) in which the module is taught | Odd/Spring Term |
| Person responsible for the module | Novida Pratiwi, S.Si., M.Sc |
| Lecturer | Novida Pratiwi, S.Si., M.Sc<br>Sitoresmi Prabaningtyas, S.Si., M.Si<br>Erti Hamimi, S.Pd., M.Sc |
| Language | Bahasa Indonesia |
| Relation to curriculum | Undergraduate degree program, compulsory, 5th semester. |
| Type of teaching, contact hours | Undergraduate degree program: cooperative learning, presentation, laboratory work, 3 x 50 = 150 minutes and 1 x 170 minutes |
| Workload | 1. Lectures: 3 x 50 = 150 minutes (2.5 hours) per week.<br>2. Exercises and Assignments: 3 x 60 = 180 minutes (3 hours) per week.<br>3. Laboratory work: 1 x 170 minutes (2.83 hours) per week.<br>4. Private study: 3 x 60 = 180 minutes (3 hours) per week. |
| Credit points | 4 credit points (~6.35 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:<br>LO1: master basic biology knowledge 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 | This course covers the following: Diversity of living things; biosystematics, characteristics and reproduction of microorganisms (bacteria and protists), characteristics and reproduction of fungi / fungi, characteristics and |

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| | reproduction of plants, characteristics and reproduction of animals |
| Study and examination requirements and forms of examination | Assignment, Quiz, Midterm examination, Final examination, Performance |
| Media employed | Power point, kahoot, quizziz, sipejar, video youtube |
| Reading list | 1. Fa, J.E. & Stephan M.F. 2011. *Zoo Conservation Biology*. Cambridge: Cambridge University Press.<br>2. Laladhas, K.P., Preetha, N., Oommen, V.O. 2017. *Biodiversity for Sustainable Development*. Switzerland: Springer International Publishing Switzerland.<br>3. Singh, Gurcharan. 2010. *Plant Systematics: An Integrated Approach*. Third Edition. Enfield: Science Publishers.<br>4. Starr, C. 2009. *Biology: The Unity and Diversity of Life*. New York: Cole Cengage Learning.<br>5. Urry, L.A., Michael L.C., Steven, A.W., Peter V.M & Jane B.R. 2016. *Campbell Biology*. Eleventh Edition. New York: Pearson.<br>6. Urry, L.A., Michael L.C., Steven, A.W., Peter V.M & Jane B.R. 2016. *Campbell Biology*. Eleventh Edition. New York: Pearson. |
| Date of last amendment made | May, 2020 |