Appendix 4.1

| Module Name | **Animal Physics** |
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| **Module Level, if applicable** | Beginner |
| **Code if Applicable** | 210354812 |
| **Subtitle, if applicable** | - |
| **Courses, if applicable** | 210354812, Animal Physics |
| **Semester(s) in which the module is taught** | Semester I |
| **Person responsible for the module** | Ir. Tedjo Budiwijono, MP |
| **Lecturer** | Ir. Tedjo Budiwijono, MP<br>Bayu Etti Tri Adiyastiti, S.Pt.,M.Sc |
| **Language** | Indonesian |
| **Relation to curriculum** | Compulsory Courses for undergraduate program in Department of Animal Science Faculty of Agriculture and Animal Science |
| **Type of teaching, contact hours** | Type of teaching: Online class, Practical, Discussion, and Presentation<br>Contact hours : 3 hours x 14 weeks |
| **Workload** | Class : 2 hours x 14 weeks = 28 hours<br>Practical class : 1 hours x 14 weeks = 14 hours<br>Examination 2 hours x 2 time = 4 hours<br>Total: 46 |
| **Credit points** | SKS 3 SCH x (1.4) = 4.2 ECTS |
| **Requirements according to the examination regulations** | 1. Registered in this course<br>2. Minimum 80% attendance in this course |
| **Recommended prerequisites** | No Recommended prerequisites |
| **Module Objectives (Intended learning outcomes)** | By the end of the module, students should be able to:<br>1. Able to analyze biotechnology concepts based on various disciplines<br>2. Skilled in reviewing, presenting, and providing recommendations<br>3. Review theory, discussion, analysis of scientific articles/research results independently and responsibly in accordance with academic values, norms, and ethics. |
| **Module Content** | This course discusses the basic concepts of motion mechanics, rotation, gravity, heat and light as well as the conversion of each mechanics in units and their implications in the life of living things, especially in every phase of livestock life. |

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| **Study and examination requirements and forms of examination** | **Cognitive:** Midterm exam, Final exam, Quizzes, Assignments<br>**Psychomotor:** Practice<br>**Affective:** Assessed from the element /variables achievement, namely (a) Contributions (attendance, active, role, initiative, and language), (b) Being on time, (c) Effort. |
| **Media employed** | Classical teaching tools with white board and power point presentation |
| **Recommended Literature** | For Class<br>A. Compulsory<br>1. 2002. Physics.<br>B. Option<br>1. Anonimus. 2010. Fisika Perguruan Tinggi.<br><br>For Practical Class<br>A. Compulsory<br>1. 2002. Physics.<br>B. Option<br>1. Anonimus. 2010. Fisika Perguruan Tinggi. |
| **Date of Last Amendment** | 25th August 2022 |