<table>
<tr><td>Module designation</td><td>Laboratory Work in Developmental Biology of Animals</td></tr>
<tr><td>Semester(s) in which the module is taught</td><td>Odd/5th</td></tr>
<tr><td>Person responsible for the module</td><td>Suhandoyo, MS.</td></tr>
<tr><td>Language</td><td>Bahasa Indonesia</td></tr>
<tr><td>Relation to curriculum</td><td>Compulsory</td></tr>
<tr><td>Teaching methods</td><td>Lab works, project, seminar, exam</td></tr>
<tr><td>Workload (incl. contact hours, self-study hours)</td><td>Total workload is 46 hours per semester which consists of 170 minutes of lab work per week for 16 weeks.</td></tr>
<tr><td>Credit points</td><td>1 SKS (1.6 ECTS)</td></tr>
<tr><td>Required and recommended prerequisites for joining the module</td><td>Laboratory work in general biology and animal physiology</td></tr>
<tr><td>Module objectives/intended learning outcomes</td><td>PLO-1
PLO-5
PLO-8
PLO-9</td></tr>
<tr><td>Content</td><td>This course discusses the structure and functions of reproduction organs in male and female animals, the histology of testicles and ovarium, the structure of gamete, and the performance of reproduction hormones.</td></tr>
<tr><td>Examination forms</td><td>Presence, final semester exam, case study, team based project.</td></tr>
<tr><td>Study and examination requirements</td><td>The final mark will be weight as follow:
<table>
<tr><th>NO</th><th>Assessment Techniques</th><th>Percentage Weight Assessment (%)</th><th>Information</th></tr>
<tr><td>1</td><td>Cognitive</td><td>50</td><td>Maximum assessment weight accumulation 50%</td></tr>
<tr><td rowspan="2"></td><td>Presence</td><td>5</td><td></td></tr>
<tr><td>Final Semester Exam</td><td>45</td><td></td></tr>
<tr><td>2</td><td>Participatory</td><td>50</td><td>Maximum assessment weight accumulation 50%</td></tr>
<tr><td rowspan="3"></td><td>Case study</td><td>20</td><td></td></tr>
<tr><td>Team Based Project</td><td>30</td><td></td></tr>
<tr><td>Total</td><td>100</td><td></td></tr>
</table></td></tr>
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Reading list	A. Gilbert, S.F. 2019. Developmental Biology. 12th Edition. Sinauer Associates, Inc. Publishers. Sunderland. Massachusetts. B. Jonathan M. W. Slack. 2021. Essential Developmental Biology, 2nd ed. Blackwell Publishing. C. Barresi M.J.F., & Gilbert, S.F. 2020. Developmental Biology 12th ed. Oxford University Press Sinauer Associates. D. Kurnianto, E. 2024. A Handbook on Science of Animal Breeding. Sidoarjo: Indomedia Pustaka.