**Module Descriptions**

A **module** is a self-contained **learning unit** within a higher education program that includes thematically related courses and is assigned a **fixed number of credits**. It follows specific **learning objectives**, includes an **assessment component**, and contributes to achieving the qualifications of a degree program. In some countries, “modules” are also named “courses”.

Please provide a module description for each module. In addition to the compulsory and elective modules, this also includes credited internships and the final thesis.

Please summarize all module descriptions in one document (Module Handbook) and create a table of contents so that the modules can be found easily.

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|---|---|
| Module designation | Lab Work of Ornithology |
| Semester(s) in which the module is taught | Even |
| Person responsible for the module | Rio Christy Handziko S.Pd.Si., M.Pd. |
| Language | Indonesian language |
| Relation to curriculum | Elective subject |
| Teaching methods | lecture, project, case study, seminar, examination |
| Workload (incl. contact hours, self-study hours) | Total workload is 45 hours semester which is used for pretest, practicum preparation, practice, report making, report presentation and response for 16 weeks. |
| Credit points | 1 SKS (1.6 ECTS) |
| Required and recommended prerequisites for joining the module | Laboratory Work in Vertebrate Biology |
| Module objectives/intended learning outcomes | - PLO-5<br>- PLO-9 |
| Content | This practice focuses on the process of bird identification based on morphological, anatomical, and behavioral characteristics, and on applying these traits within taxonomic systems. Each bird species possesses distinctive identifying markers and unique behaviors; research activities are conducted to observe the characteristic behavior of a selected species. Students will compile an ethogram from the observational data and develop it into a scientific article. |
| Examination forms | Test, rubrics, and presentation |

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<tr>
<td>Study and examination requirements</td>
<td>Requirements for successfully passing the module<br>The final mark will be weight as follow:<br><br>
<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="5"></td><td>Presence</td><td>5</td><td></td></tr>
<tr><td>Task</td><td>5</td><td></td></tr>
<tr><td>Quiz</td><td>10</td><td></td></tr>
<tr><td>Mid-semester exams</td><td>15</td><td></td></tr>
<tr><td>Final Semester Exam</td><td>20</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>25</td><td></td></tr>
<tr><td>Team Base Project</td><td>25</td><td></td></tr>
<tr><td>Total</td><td>100</td><td></td></tr>
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<td>Reading list</td>
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A. Harrison, Colin James Oliver, and Alan Greensmith. 2003. Smithsonian Handbooks: Birds of the World. London: Dorling Kindersley.<br>
B. Scott, Graham. 2010. Essential Ornithology. New York : Oxford University Press.<br>
C. Lovette, I. J., and John W.F. 2016. Handbook of Bird Biology Third Edition. UK : John Wiley & Sons Ltd.<br>
D. Birkhead, T., Jo W., and Bob M. 2014. Ten Thousand Birds : Ornithology since Darwin. UK : Princeton University Press<br>
E. Sutherland, W. J., Newton, I., and Green, R. E. 2004. Bird Ecology and Conservation, a Handbook of Techniques. New York, USA. Oxford University Press.<br>
F. Stotz, D. F., Fitzpatrick, J. W., Parker, T. A. and Moskovits, D. K. 1996. Neotropical Birds Ecology and Conservation, With Ecological and Distributional Databases. Chicago, USA. University Chicago Press.<br>
G. MacKinnon, J., Philipps, K. 1993. A Field Guide to the Birds of Borneo, Sumatra, Java, and Bali: The Greater Sunda Islands. Oxford, USA. Oxford University Press.

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