<table>
<tr><td>Module designation</td><td>Laboratory Work in Bivariate Biology Research Methodology</td></tr>
<tr><td>Semester(s) in which the module is taught</td><td>Odd/4th</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 individual activities 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>Biometry</td></tr>
<tr><td>Module objectives/intended learning outcomes</td><td>PLO-2, PLO-4, PLO- 5, PLO- 6, PLO- 8, PLO-9, PLO-11</td></tr>
<tr><td>Content</td><td>The application of research principles and procedures in the field of Biology, both based on the characteristics of populations that are normally distributed and unknown distribution in the form of descriptive and experimental research designs and their reporting.</td></tr>
<tr><td>Examination forms</td><td>Presence, task, final semester exam, 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>Kognitif</td><td>50</td><td>Maximum assessment weight accumulation 50%</td></tr>
<tr><td rowspan="3"></td><td>Presence</td><td>5</td><td></td></tr>
<tr><td>Task</td><td>20</td><td></td></tr>
<tr><td>Final Semester Exam</td><td>25</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="2"></td><td>Team Based Project</td><td>50</td><td></td></tr>
<tr><td>Total</td><td>100</td><td></td></tr>
</table></td></tr>
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Reading list	A. Vincent Gaspersz. (1991). Teknik analisis dalam penelitian percobaan. Jilid 1. Bandung: Tarsito. B. Bambang Subali. (2011). Biometri. Jakarta: Universitas Terbuka. C. Bambang Subali (2009). Metode Penelitian Biologi. Diktat mata kuliah. Jurdik Biologi FMIPA UNY. D. Gomez, K.A. and Gomez, A.A. (2012). Statistical procedures for agricultural research. Wiley E. Nasution, A.H. dan Barizi. (1980) Metode statistika untuk penarikan kesimpulan. Ed keempat. Jakarta: Gramedia. F. Steel, R.G.D. and Torrie, J.H. (1996). Principles and procedures of statistics: A biometrical approach. New York: Mc-Graw-Hill Book Company. G. Sudjana. (1966). Metode statistika. Edisi keempat. Bandung: Tarsito.