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.

Module designation	Population and Environmental Education
Semester(s) in which the module is taught	Odd
Person responsible for the module	Prof. Dr. Tien Aminatun, M.Si.
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 91 hours per semester which consists of 100 minutes lectures, 120 minutes structured activities, and 120 minutes individual study per week for 16 weeks.
Credit points	2 SKS (3,2 ECTS)
Required and recommended prerequisites for joining the module	Ecology
Module objectives/intended learning outcomes	- PLO-2 - PLO-3 - PLO-4 - PLO-11

Content	This course emphasizes the development of: (1) awareness of integrated environmental issues and a sense of student responsibility in fostering an intellectual, ecological, and humanistic society; (2) sensitivity to the interactions between the quality of the biophysical environment and its utilization in sustainable development; and (3) an understanding of development concepts aligned with the Agenda 21 agreement from Rio de Janeiro, including eco-efficiency, clean technology, and zero-waste approaches. Students will gain insight into environmental management in accordance with new paradigms that prioritize conservation strategies, environmental impact assessment (EIA), and eco-labeling within production systems. The course also explores the integration of environmental ethics into environmental law and various human efforts to address environmental problems through short-, medium-, and long-term solutions. Emphasis is placed on resolving the unique challenges of local environmental issues within a national framework and global context.
Examination forms	Test, rubrics, and presentation

<table>
<tr>
<td>Study and examination requirements</td>
<td>Requirements for successfully passing the module
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="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>
</table>
</td>
</tr>
<tr>
<td>Reading list</td>
<td>

- Miller, G.T. 2018. *Environmental Science*. 16th Edition. Publisher: Cengage Learning, Inc.
- Miller, Jr.G.T.and Spoolman, S.E. 2008. *Living in the Environment: Concepts, Connections, and Solutions,* 16th Edition. Publisher: Brooks Cole
- Cunningham, W. P., Cunningham, M. A., & O'Reilly, C. 2019. *Principles of Environmental Science 9th Ed.* (Loose Leaf). McGraw-Hill.
- Otto Soemarwoto. 2004. *Atur Diri sendiri, Paradigma Baru Pengelolaan Lingkungan Hodup.* Gadjah Mada University Press. Yogyakarta
- Chafid Fandeli. 2012. *Analisis Mengenai Dampak Lingkungan, Prinsip Dasar dalam Pembangunan.* Gadjah Mada Press. Yogyakarta

</td>
</tr>
</table>