

# MODUL EVALUATION RESEARCH II



MASTER PROGRAM OF ENVIRONMENTAL SCIENCE  
SCHOOL OF POSTGRADUATE STUDIES  
DIPONEGORO UNIVERSITY

## A Module Descriptions :

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| Module design                                         | Evaluation Research II                                                                                                                                                                                                                                                                                                                                                                   |
| Module level, if applicable                           |                                                                                                                                                                                                                                                                                                                                                                                          |
| Code, if applicable                                   | P-CIL-8-337                                                                                                                                                                                                                                                                                                                                                                              |
| Subtitles, if applicable                              |                                                                                                                                                                                                                                                                                                                                                                                          |
| Courses, if applicable                                |                                                                                                                                                                                                                                                                                                                                                                                          |
| Semester(s) in which the module is taught             | 3 <sup>rd</sup> Semester                                                                                                                                                                                                                                                                                                                                                                 |
| Person responsible for the module                     | Principal Supervisor*                                                                                                                                                                                                                                                                                                                                                                    |
| Lecturer                                              | 1. Principal Supervisor<br>2. Principal Co-Supervisor                                                                                                                                                                                                                                                                                                                                    |
| Language                                              | <i>Indonesian and English</i>                                                                                                                                                                                                                                                                                                                                                            |
| Relations to curriculum                               |                                                                                                                                                                                                                                                                                                                                                                                          |
| Type of teaching, contact hours                       | <ul style="list-style-type: none"> <li>• <i>Reguler meeting with Supervisor 16 times</i><br/><i>Weekly = 1 x 50 minutes</i></li> <li>• <i>Reguler meeting with co supervisor 16 times</i><br/><i>Weekly = 1 x 50 minutes</i></li> <li>• <i>Laboratory/studio reguler activity 2 hours/day</i><br/><i>(16 weeks)</i><br/><i>Total work for 1 semester = 150 hours = 6 ECTS</i></li> </ul> |
| Workload                                              | <ul style="list-style-type: none"> <li>• <i>Face to face discussion with supervisor (weekly)</i></li> <li>• <i>Face to face discussion with co supervisor (weekly)</i></li> <li>• <i>Individual Laboratory/studio reguler activity</i></li> <li>• <i>Examination</i></li> </ul>                                                                                                          |
| Credit points                                         | 3 credits / 6 ECTS                                                                                                                                                                                                                                                                                                                                                                       |
| Requirements according to the examination regulations | <i>Minimum attendance of lectures 75%</i>                                                                                                                                                                                                                                                                                                                                                |
| Recommended prerequisites                             | <i>Student have taken research course 2</i>                                                                                                                                                                                                                                                                                                                                              |

\* Material for advance lecture perform by principal supervisor, co supervisor and student refers to research topic.

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| Module objectives/intended learning outcomes                | <ul style="list-style-type: none"> <li>• Students are able to understand the evaluation of research that has the attachment of components A (Abiotic), or B (Biotic), or C (Culture) in the development of environmental science and or solving environmental problems.</li> <li>• Students are able to analyze research evaluations on components A (Abiotic) , or B (Biotics) , or C (Culture) in the development of environmental science and or solving environmental problems.</li> <li>• Students are able to explain the evaluation of research on components A (Abiotic), or B (Biotic), or C (Culture) in the development of environmental science and or solving environmental problems.</li> </ul>                                                                                                                                                                                                                                                                                                                                           |
| Content                                                     | This course discusses the evaluation of research 2 in the master program in environmental science concentration by research. The evaluation research 2 emphasizes component A (Abiotic), or Component B (biotic) or component C (Culture) in the development of environmental science and or solving environmental problems.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Study and examination requirements and forms of examination | <i>Discussions with supervisors, independent work, presentation of results in conferences or seminars, presentation of research results, collection of evaluation research -2</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Media employed                                              | <i>Powerpoint, youtube, website</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Reading list                                                | <ul style="list-style-type: none"> <li>• Sugiyono. 2018. Evaluation Research Methods (Qualitative, Quantitative and Combination Approach).Bandung : Alfabeta.</li> <li>• Kornuta Halyna, Germaine Ron.2019. A Concise Guide to Writing a Thesis or Dissertation. Routledge Educational Research and Beyond</li> <li>• Evans David, Gruba Paul, Zobel Justin. 2014. How To Write a Better Thesis (Third Edition). Springer</li> <li>• Khoiyangbam, R.S., and N Gupta. 2012. Introduction to Environmental Sciences. New Delhi: TERI</li> <li>• Bojie Fu, Yanxu Liu, Yan Li, Cong Wang, Changjia Li, Wei Jiang, Ting Hua, Wenwu Zhao, 2021, The research priorities of Resources and Environmental Sciences, Geography and Sustainability, Volume 2, Issue 2, Pages 87-94, <a href="https://doi.org/10.1016/j.geosus.2021.04.001">https://doi.org/10.1016/j.geosus.2021.04.001</a>.</li> <li>• Nikolai Attard, 2018, WASP (Write a Scientific Paper): Writing an academic research proposal, Early Human Development, Volume 123, Pages 39-41,</li> </ul> |

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|  | <p><a href="https://doi.org/10.1016/j.earlhumdev.2018.04.011">https://doi.org/10.1016/j.earlhumdev.2018.04.011</a>.</p> <p>Sarah Cuschieri, Victor Grech, Charles Savona-Ventura, 2018, WASP (Write a Scientific Paper): How to write a scientific thesis, Early Human Development, Volume 127, Pages 101-105,</p> <p><a href="https://doi.org/10.1016/j.earlhumdev.2018.07.012">https://doi.org/10.1016/j.earlhumdev.2018.07.012</a>.</p> |
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