

# MODUL THESIS PROPOSAL




MASTER PROGRAM OF ENVIRONMENTAL SCIENCE  
SCHOOL OF POSTGRADUATED STUDIES  
DIPONEGORO UNIVERSITY

**Modul Description :**

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| Modul design                                   | Thesis proposal  |
| Modul level, if applicable                     |  |
| Code, if applicable                            | P-CIL-8-303  |
| Subtitles, if any                              |  |
| Course, if applicable                          |  |
| Semester(s) in which the Modul is taught       | 3rd semester   |
| Modul responsible*                             | Principal Advisor  |
| Teaching Lecturer                              | 1. Principal Advisor<br>2. Co-Supervisor   |
| Language                                       | <i>Indonesian and English</i>  |
| Relationship with curriculum                   | Students are able to formulate the background of the problem, objectives and research methods  |
| Type of teaching, hours of contact             | <i>Lecturer: 240 minutes<br/>Individual Task: 118 minutes<br/>Conference : 118 minutes<br/>Total work for 1 semester = 300 hours = 12 ECTS</i>   |
| 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-supervisors (weekly)</i></li><li>• <i>Regular activity of Individual Laboratory/Studio</i></li><li>• <i>Conference/Seminar</i></li><li>• <i>Investigation</i></li></ul> |
| credit points                                  | <i>2 credits / 12 ECTS</i>   |
| Requirements according to the exam regulations | <i>Lecture attendance of at least 75%</i>  |
| Recommended prerequisites                      | <i>For example, competence in...</i>   |

\*Material for advanced lectures conducted by main supervisors, co-advisors and students refers to research topics.

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| Module the desired learning objectives/outcomes | <ul style="list-style-type: none"> <li>• Students are able to make a thesis proposal.</li> <li>• Students are able to present a thesis proposal in the form of a seminar</li> </ul>   |
| Fill  | This course examines thesis proposals which include selecting titles, compiling background problems, problem formulation, theoretical studies, and research methods, so that students can produce thesis proposals.   |
| Study and exam requirements and forms           | <ul style="list-style-type: none"> <li>• <i>Thesis proposal</i></li> </ul>  |
| Media used                                      | <i>Powerpoint, youtube, website</i>   |
| Reference                                       | <ol style="list-style-type: none"> <li>1. Kornuta Halyna, Germaine Ron. 2019. Quick Guide to Writing a Thesis or Dissertation. Routledge Educational and Further Research</li> <li>2. Evans David, Gruba Paul, Zobel Justin. 2014. How to Write a Better Thesis (Third Edition). Jumper</li> <li>3. Khoiyangbam, RS, and N Gupta. 2012. Introduction to Environmental Science. New Delhi: TERI</li> <li>4. Bojie Fu, Yanxu Liu, Yan Li, Cong Wang, Changjia Li, Wei Jiang, Ting Hua, Wenwu Zhao, 2021, Research priorities in 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>5. Nikolai Attard, 2018, WASP (Write Scientific Papers): Writing an academic research proposal, Early Human Development, Volume 123, Pages 39-41, <a href="https://doi.org/10.1016/j.earlhumdev.2018.04.011">https://doi.org/10.1016/j.earlhumdev.2018.04.011</a>.</li> </ol> |

| SEMESTER STUDY PLAN   |  |   |                            |   |   |   |            |
|---|--|---|----------------------------|---|---|---|------------|
|  |  | Study program: Master of Environmental Science  |                            |   | Faculty: School of Postgraduate                                 |   |            |
|   |  | <b>Subject:</b> Thesis proposal   |                            | <b>Code:</b><br>P-CIL-8-303   | <b>Credit:2</b><br><b>(12 ECTS)</b>                             | <b>smt:3</b>  |            |
| <b>Supporting lecturer:</b>   |  | <b>Supervisor</b><br><b>Co.Supervisor</b>   |                            |   |   |   |            |
| <b>Learning Outcomes Subject:</b>   |  | <ul style="list-style-type: none"> <li>• Students are able to make a thesis proposal from their research</li> <li>• Students are able to present a thesis proposal in the form of a seminar</li> </ul>  |                            |   |   |   |            |
| <b>Short Description of Courses:</b>  |  | This course examines the thesis proposal from student research which includes the selection of research topics, preparation of background problems, problem formulation, theoretical studies, and also research methods, so that students can produce thesis proposals. |                            |   |   |   |            |
| 1   | 2  | 3   | 4                          | 5   | 6   | 7   |            |
| Week  | Final Ability of each learning stage                         | Study Materials/ Subjects   | Learning methods           | Workload  | Student Learning Experience                                     | Evaluation  |            |
|   |  |   |                            |   |   | Criteria & Indicators   | Weight (%) |
| 1.  | Students are able to draft the title and research objectives | Drafting the thesis title and research objectives   | Independent and assistance | 476 minutes<br>0.75 ECTS<br>Consist of: <ul style="list-style-type: none"> <li>• Discussion with Supervisor = 1x 240 minutes</li> <li>• Individual Task = 1 x 118 minutes</li> <li>• Conference (self-employed) = 1 x 118 minutes/day (16 weeks)</li> </ul> | Students draft a thesis proposal and assist with the supervisor | Activeness, readiness of supporting materials for the preparation of titles and proposals | 5          |

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| 2 | Students can finalize the thesis title and research objectives | Completing the thesis title and research objectives | Independent and assistance | 476 minutes<br>0.75 ECTS Consist of:<br><ul style="list-style-type: none"> <li>• Discussion with Supervisor = 1x 240 minutes</li> <li>• Individual Task = 1 x 118 minutes</li> </ul> Conference (self-employed) = 1 x 118 minutes/day (16 weeks)            | Students draft a thesis proposal and assist with the supervisor | Activeness, readiness of materials supporting the preparation of the proposal | 5 |
| 3 | Students are able to make basic research concepts              | Presentation on thesis concept                      | Independent and assistance | 476 minutes<br>0.75 ECTS Consist of:<br><ul style="list-style-type: none"> <li>• Discussion with Supervisor = 1x 240 minutes</li> <li>• Individual Task = 1 x 118 minutes</li> </ul> Conference (self-employed) = 1 x 118 minutes/day (16 weeks)            | Students draft a thesis proposal and assist with the supervisor | Activeness, readiness of materials supporting the preparation of the proposal | 5 |
| 4 | Students are able to make a thesis draft proposa               | Proposal Draft I : Preliminary chapter              | Independent and assistance | 476 minutes<br>0.75 ECTS Consist of:<br><ul style="list-style-type: none"> <li>• Discussion with Supervisor = 1x 240 minutes</li> <li>• Individual Task = 1 x 118 minutes</li> <li>• Conference (self-employed) = 1 x 118 minutes/day (16 weeks)</li> </ul> | Students draft a thesis proposal and assist with the supervisor | Activeness, readiness of materials supporting the preparation of the proposal | 5 |

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| 5 | Able to express original research ideas and give appreciation to intellectual property | Originality of writing and respect for intellectual property       | Discussion and Q&A         | 476 minutes<br>0.75 ECTS<br>Consist of:<br>• <i>Discussion with Supervisor = 1x 240 minutes</i><br>• <i>Individual Task = 1 x 118 minutes</i><br><i>Conference (self-employed) = 1 x 118 minutes/day (16 weeks)</i> | Discussion and Q&A  | The activeness and accuracy of the preparation of the thesis draft            | 10 |
| 6 | Students are able to make a thesis draft proposal                                      | Proposal Draft II: Introductory chapter review, literature review, | Independent and assistance | 476 minutes<br>0.75 ECTS<br>Consist of:<br>• <i>Discussion with Supervisor = 1x 240 minutes</i><br>• <i>Individual Task = 1 x 118 minutes</i><br><i>Conference (self-employed) = 1 x 118 minutes/day (16 weeks)</i> | Students draft a thesis proposal and assist with the supervisor | Activeness, readiness of materials supporting the preparation of the proposal | 5  |

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| 7 | Students are able to make a thesis draft proposal | Proposal Draft II : Literature review, preparation of initial survey  | Independent and assistance | 476 minutes<br>0.75 ECTS<br>Consist of:<br><ul style="list-style-type: none"> <li>• Discussion with Supervisor = 1x 240 minutes</li> <li>• Individual Task = 1 x 118 minutes</li> </ul> Conference (self-employed) = 1 x 118 minutes/day (16 weeks) | Students draft a thesis proposal and assist with the supervisor | Activeness, readiness of materials supporting the preparation of the proposal | 5  |
| 8 | Mid Term Examination                              | Can be in accordance with the agreement with the Supervisor for the preparation of Proposal Draft III: Literature review, preparation of initial survey | Independent and assistance | 476 minutes of processing time or the equivalent of 0.75 ECTS   | Students draft a thesis proposal and assist with the supervisor | Activeness, readiness of materials supporting the preparation of the proposal | 10 |
| 9 | Students are able to make a thesis draft proposal | Proposal Draft IV: Literature Review, survey and preliminary research, research method flowchart  | Independent and assistance | 476 minutes<br>0.75 ECTS<br>Consist of:<br>Discussion with Supervisor = 1x 240 minutes<br><ul style="list-style-type: none"> <li>• Individual Task = 1 x 118 minutes</li> </ul> Conference (self-employed) = 1 x 118 minutes/day (16 weeks)         | Students draft a thesis proposal and assist with the supervisor | Activeness, readiness of materials supporting the preparation of the proposal | 5  |

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| 10  | Students are able to make a thesis draft proposal | Proposal Draft V : Research methods chapter | Independent and assistance | 476 minutes<br>0.75 ECTS<br>Consist of:<br><ul style="list-style-type: none"> <li>• Discussion with Supervisor = 1x 240 minutes</li> <li>• Individual Task = 1 x 118 minutes</li> </ul> Conference (self-employed) = 1 x 118 minutes/day (16 weeks) | Students draft a thesis proposal and assist with the supervisor | Activeness, readiness of materials supporting the preparation of the proposal | 5 |
| 11. | Students are able to make a thesis draft proposal | Proposal Draft VI: Research methods chapter | Independent and assistance | 476 minutes<br>0.75 ECTS<br>Consist of:<br><ul style="list-style-type: none"> <li>• Discussion with Supervisor = 1x 240 minutes</li> <li>• Individual Task = 1 x 118 minutes</li> </ul> Conference (self-employed) = 1 x 118 minutes/day (16 weeks) | Students draft a thesis proposal and assist with the supervisor | Activeness, readiness of materials supporting the preparation of the proposal | 5 |
| 12  | Students are able to make a thesis draft proposal | Peer review and editing the thesis proposal | Independent and assistance | 476 minutes<br>0.75 ECTS<br>Consist of:<br><ul style="list-style-type: none"> <li>• Discussion with Supervisor = 1x 240 minutes</li> <li>• Individual Task = 1 x 118 minutes</li> </ul> Conference (self-employed) = 1 x 118 minutes/day (16 weeks) | Students draft a thesis proposal and assist with the supervisor | Activeness, readiness of materials supporting the preparation of the proposal | 5 |

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| 13 | Students are able to make a thesis draft proposal | Finalization of research proposal draft      | Independent and assistance | 476 minutes<br>0.75 ECTS<br>Consist of:<br><ul style="list-style-type: none"> <li>• Discussion with Supervisor = 1x 240 minutes</li> <li>• Individual Task = 1 x 118 minutes</li> </ul> Conference (self-employed) = 1 x 118 minutes/day (16 weeks) | Students draft a thesis proposal and assist with the supervisor | Activeness, readiness of materials supporting the preparation of the proposal | 5  |
| 14 | Students are able to make a thesis draft proposal | Completing draft proposals and presentations | Independent and assistance | 476 minutes<br>0.75 ECTS<br>Consist of:<br><ul style="list-style-type: none"> <li>• Discussion with Supervisor = 1x 240 minutes</li> <li>• Individual Task = 1 x 118 minutes</li> </ul> Conference (self-employed) = 1 x 118 minutes/day (16 weeks) | Students draft a thesis proposal and assist with the supervisor | Activeness, readiness of materials supporting the preparation of the proposal | 5  |
| 15 | Students are able to make a thesis draft proposal | Completing draft proposals and presentations | Independent and assistance | 476 minutes<br>0.75 ECTS<br>Consist of:<br><ul style="list-style-type: none"> <li>• Discussion with Supervisor = 1x 240 minutes</li> <li>• Individual Task = 1 x 118 minutes</li> </ul> Conference (self-employed) = 1 x 118 minutes/day (16 weeks) | Students draft a thesis proposal and assist with the supervisor | Activeness, readiness of materials supporting the preparation of the proposal | 10 |

|                          |                   |  |                            |   |   |   |    |
|--------------------------|-------------------|--|----------------------------|---|---|---|----|
| 16                       | Final Examination | Can be in accordance with the agreement with the Advisor to Conduct a thesis proposal seminar  | Independent and assistance | 476 minutes of preparation time for the proposal seminar or the equivalent of 0.75 ECTS | Students draft a thesis proposal and assist with the supervisor | Activeness, readiness of materials supporting the preparation of the proposal | 15 |
| <b>8.Reference List:</b> |                   | <ul style="list-style-type: none"> <li>• YK Sing, Environmental Science, 2006, New Age International Publisher. Access from <a href="https://www.hzu.edu.in/bed/E%20V%20S.pdf">https://www.hzu.edu.in/bed/E%20V%20S.pdf</a></li> <li>• Khoiyangbam, RS, 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, <a href="https://doi.org/10.1016/j.earlhumdev.2018.04.011">https://doi.org/10.1016/j.earlhumdev.2018.04.011</a>.</li> <li>• 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, <a href="https://doi.org/10.1016/j.earlhumdev.2018.07.012">https://doi.org/10.1016/j.earlhumdev.2018.07.012</a>.</li> </ul> |                            |   |   |   |    |

