

MODUL HANDBOOK SEMINARS AND SCIENTIFIC PUBLICATIONS



MASTER PROGRAM OF ENVIRONMENTAL SCIENCE
SCHOOL OF POSTGRADUATE STUDIES
DIPONEGORO UNIVERSITY

Modul Description :

Module designation	Seminars and Scientific Publications
Semester(s) in which the module is taught	3 rd semester
Person responsible for the module	Principal Advisor Co-Supervisor
Language	Indonesian and English
Relation to curriculum	Compulsory
Teaching methods	Mix Method or Blended Learning by incorporating Lecture based-learning, Student Centred-learning and Technological Learning <ul style="list-style-type: none">• Lecture Based Learning: teacher lead a lesson by using presentation, showing visual• Student Centred-learning: teacher promote individual learning so that student can exploring individual idea• Technological Learning, teacher leads to use high technology in information such as by exploring, utilizing internet/searching engine and social media.
Workload (incl. contact hours, self-study hours)	<ul style="list-style-type: none">• Drafting and Discussion Introduction, 30 hours• Drafting and Discussion Methods, 30 hours• Drafting and Discussion Collection data and survey, 30 hours• Drafting and Discussion Literature Review, 40 hours• Drafting and Discussion Result and Discussion, 50 hours• Creating a bibliography and citation, 20 hours• Finalization full paper/full manuscript, 50 hours• Knowing the stages of scientific publication, 20 hours• Able to compile PPT for presentation of scientific articles 15 hours• Know the technique of answering questions or revisions from reviewers, 10 hours• International seminar simulation presentation assignment, 5 hours• Total workload for semester = 300 hours
Credit points	2 credits / 12 ECTS
Required and recommended prerequisites for joining the module	Have completed minimum 14 credits/28 ECTS

Module objectives/intended learning outcomes	<ul style="list-style-type: none"> • Able to formulate environmental management theory • Able to formulate and carry out scientific research to solve environmental problems • Able to formulate environmental management policies • Able to formulate rules, methods through of environmental management to improve the quality of life, and save them in the form of theses, national and international journals or proceedings of reputable seminars
Content	<p>Writing Scientific Articles is a compulsory subject in Semester II. The learning objective of this course is to develop students' abilities and skills in writing and publishing their research results in English. In this course students study various forms of international scientific publications, techniques for writing scientific research articles using the international language (English). In this course, you will learn about international publication criteria, the variety and rating of publications, the scope of various scientific publications, instructions to authors. The lecture material is followed by writing techniques for Introduction, Methods, Results, Discussion, Acknowledgments, References, Abstracts. Students are also introduced to the online submission process, cover letter and review.</p>
Examination forms	<ul style="list-style-type: none"> • Seminar/ conference • Publication in prosiding scopus indexing or Journal Sinta indexing
Study and examination requirements	<ul style="list-style-type: none"> • Have been approved by the supervisor for examination • Received LOA for scientific publication from journal editor or conference
Reading list	<ol style="list-style-type: none"> 1. Kornuta Halyna, Germaine Ron. 2019. Quick Guide to Writing a Thesis or Dissertation. Routledge Educational and Further Research. 2. Evans David, Gruba Paul, Zobel Justin. 2014. How to Write a Better Thesis (Third Edition). Jumper. 3. Khoiyangbam, RS, and N Gupta. 2012. Introduction to Environmental Science. New Delhi: TERI.

Reading list	<ol style="list-style-type: none"><li data-bbox="616 165 1418 371">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,https://doi.org/10.1016/j.geosus.2021.04.001.<li data-bbox="616 376 1418 539">5. Nikolai Attard, 2018, WASP (Write Scientific Papers): Writing an academic research proposal, Early Human Development, Volume 123, Pages 39-41,https://doi.org/10.1016/j.earlhumdev.2018.04.011.
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