

A. KONSENTRASI PERENCANAAN LINGKUNGAN

- Population, Environment and Natural Resources
Infrastructure Development and Environmental GIS
Technology and Energy Management Planning
Disaster Management Planning
Transportation and the Environment
Coastal and Marine Environmental Management
Ecoefficiency and Sustainable Development
Public Decision Making
Analysis of Environmental Risks and Risks
Clean Water Management
Waste Management Infrastructure Management
Clean Technology
Wastewater Management
Hazardous Waste Management and Hospital Waste
Noise and Vibration Control
Sanitation and Environmental Health
Environmental Toxicology and Epidemiology
Community Development Planning
Environmental Mediation and Negotiation
Environmental Psychology
Disaster Management
International Standards for Disaster Management
Community Based Disaster Risk Reduction
Disaster Risk Analysis
Evacuation Management
Early Warning System
Mass Transfer and Transformation
Regional Planning and infrastructure
Environmental Chemistry and Biology
Food and Environmental Technology Development
Hydroclimatology

Educational Fee

1. Enrollment	: Rp	750.000,-
2. Attribute fee	: Rp	285.000,-
3. Matriculation Fee	: Rp	3.500.000,-
4. Tuition Fee	: Rp	8.000.000,- (Course)
SBP Pascasarjana	: Rp	10.000.000,- (Research)
5. Education Fee	: Rp	9.000.000,-/ Semester (Course)
Education Fee	: Rp	10.000.000,-/Semester (Research)

Entry Requirement

1. Submit Enrollment application, with attachment of two copies of legalized S1 (undergraduate) academic transcript
2. Recommendations from 2 person (academic advisor and or manager)
3. Passport and Color photo and Background Red (size 4X6)
4. Registration online : <https://admission.undp.or.id>

Manager

Dr. Eng. Maryono, S.T., M.T. (Head Program)

Teaching Staff

Dr. Hermawan, DEA
Dr. Farikhin, M.Si
Dr. Drs Amirudin, MSi
Dian Ratna S., M.Si., Ph.D
Dr. Iwan Rudiarto, M.Sc.
Dr. Ing Sudarno, Msc
Dr. Henna Rya S., Apt., MES
Dr.Eng Maryono, ST, MT
Dr. Dwi P Sasongko, M.Si
Dr. Onny Setiani, Ph.D
Dr. Ir. Bambang Yulianto, DEA
Dr. Fuad Muhammad, S.Si., M.Si
Dr. Hartuti Purnaweni, MPA
Dr. Setia Budi Sasongko, DEA
Dr. Jafron Wasiq H., M.T., Ph.D
Dr. Muh. Helmi, S.Si., M.Si
M.AriefB., ST,M.Eng, Env. Ph.D
Dr. Kismartini, Msi



Terakreditasi “A” : 2020 - 2025

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Introduction

Political commitment on environment has been started when Indonesian government promulgated Act no 4 of 1982 on basic management of living environment. Environment aspect becomes important issue at the era of globalization, free trade and regional autonomy. In addition, the frequent of flood, landslide, drought and other environmental disaster in various parts of Indonesia place environment as a central issue.

To anticipate these phenomenon, it is required an education enabling student to deal with these problems. Graduate Programs on Environmental Studies established since the year of 2000 offers three area of interests: "Environmental Planning", "Environmental management" and "Environmental Engineering". This program is accredited A (Excellent) for 4 times in a row according to the Decree BAN PT No. 007/BAN-PT/Ak-IV/S2/VI/2005, No. 004/BAN-PT/Ak-VIII/S2/VI/2010, No. 973/SK/BAN-PT/Akred/M/IX/2015 and No: 5245/SK/BAN-PT/Ak-PPJ/M/IX/2020

Profil Lulusan

The Diponegoro University Environmental Science Masters Program aims to produce environmental practitioners (consultants, educators and policy makers) who are based on environmental planning, management and planning.

Learning Outcomes

1. Able to explain conceptual and practical thoughts about environmental science based on the relationship of three elements, namely biotic, abiotic and society.
2. Able to analyze and describe environmental problems in the national and global scope including from an economic and legal or environmental policy point of view.
3. Able to integrate facts, concepts and methods from multidisciplinary disciplines including ecology, biology, chemistry and physics and apply them to environmental problems.
4. Able to demonstrate practical scientific ability to solve environmental problems including the use of computer applications, statistics and environmental modeling
5. Able to explain and apply research methods (qualitative or quantitative) scientifically including methods of obtaining, processing and analyzing environmental data and communicating them in writing or orally.
6. Able to work in effective teams both with a multidisciplinary scientific background.

Graduate Degree

Graduates of the Master of Environment Degree Program (M.Ling)

Registration and Lecture Schedule

Freshment course materials include: Test material includes:
 - Basics of Environmental Science - Academic Potential Test (TPA)
 - Environmental Dimensions - English
 - in Development

	Even Semester	Odd Semester
Registration	Sep - Dec	March - June
Announcement	January	July
Matriculation	February	August
Lecture	March	September

Lecture Time :

Lectures are held on: Monday - Friday: 08.00 am - 09.00 pm (GMT+7)

Area of Interest

The Master Program in Environmental Sciences has three areas of concentration, namely:

1. Environmental Planning:

Preparing graduates enable to analyze environmental condition, to explore policy alternatives, to select the alternative, to implement and to evaluate the alternative

2. Environmental Management:

Preparing graduates enable to manage, with multidicipline approach selected alternative in managing environmental problems

3. Environmental Engineering

Preparing graduates enable to deal with environmental problems with engineering approach

4. Disaster Management

Produce graduates who are able to carry out the analysis of Disaster Migration and adaptation

Facilities

Educational facilities include adequate lecture halls, with supporting facilities from various laboratories:

- Basic Chemistry, Coastal Development, Radioecology
- Environmental Biology, Biotechnology
- Undip Integrated UPT Lab

Studio :

- Environmental Planning, Environmental Management
- Waste Management, Hydrology, Computing

Libraries:

- Graduate School, Diponegoro University
- Diponegoro University Central Library and PPLH

Length Study and Credit Semester System

Environmental Science Masters Program organizes educational programs min. 3 (three) semesters (18 months) with a load of min. 41 credits

Journal of Environmental Science

The Environmental Science Masters Study Program publishes the Journal of Environmental Science (ISSN1829-8907) accredited by the Higher Education (2017) & indexed by DOAJ as a publication media for lecturers, researchers and environmentalists
<https://ejournal.undip.ac.id/index.php/ilmulingkungan>



Lecture Materials

Subjects	CREDITS			
FIRTS SEMESTER	EL	EE	EM	DM
Philosophy of Science and Methodology of Environmental Research	3	3	3	3
Environmental Economics and NR	3	3	3	3
Environmental Statistics	2	2	2	2
Ecology and Environmental pollution	3	3	3	3
Computer Applications and Modeling Environment	3	3	3	3
SECOND SEMESTER	PL	RL	ML	MB
Environmental Law and Policy	2	2	2	-
Environmental System Analysis	-	2	-	-
Planning Theories	3	-	-	-
Conservation of Natural Resources and Environment	3	-	3	-
Spatial & Environmental Planning	2	-	-	-
Environmental Pollution Control	-	-	2	-
Disaster Management Strategy	-	-	-	2
Disaster Mitigation and Adaptation	-	-	-	3
Disaster Management Methods	-	-	-	2
Environmental impact analysis	3	3	3	3
Thesis Seminar and Publication	2	2	2	2
ELECTED COURSES (*)	4	4	4	4
THIRD SEMESTER	EP	EE	EM	DM
Elected Courses	2	2	2	2
Field Study	1	1	1	1
Thesis Proposal	2	2	2	2
FORTH SEMESTER	PL	RL	ML	MB
Thesis	6	6	6	6
JUMLAH	41	41	41	41

*)

EP : ENVIRONMENTAL PLANNING
 RL : ENVIRONMENTAL ENGINEERING
 EM : ENVIRONMENTAL MANAJEMENT
 DM : DISASTERS MANAJEMENT

