



ESL

GRADUATE PROGRAM ON ENVIRONMENTAL AND NATURAL RESOURCES ECONOMICS

Accreditation



Economics for People and Planet

PROFILE

Endowed with its natural resources, both renewable and nonrenewable as well as environmental services, Indonesia is facing a huge challenging tasks to manage these natural resources. As part of natural capitals, Indonesia's natural resources are one of main engines of Indonesia's economic growth. Nevertheless, managing these natural resource sustainably is still an ongoing battle. According to the World Bank study (2009), the unsustainable use of Indonesia's natural resources has cost Indonesia's GDP from 0.2% to 7% annually. This implies that Indonesia's economic development might not be said on sustainable path. The complexity of managing natural resources needs serious attention to address the mounting pressure of economic development vis a vis sustainable use of natural resources. It is in this challenge that skillful human resources are needed. It is also addressing these challenges that graduate program on environmental and resource economics (ENRE) at Bogor Agricultural University was established in 2007.

The Graduate Program (at this stage is for Master Degree) of ENRE at IPB is the first and the only of its kind in Indonesia. Even though such a program has been established from quite long time overseas, in Indonesia, IPB is the first higher education institution to have such an important graduate program. The ENRE graduate program has received an "A" (very good) accreditation from Accreditation Agency of Ministry of National Education (BAN-DIKTI). Up to 2017, program has graduated 65 Master of Science (M.Si) graduates. Most of our graduates have played important roles in various institution such as Universities, public sectors, private sectors, NGOs as well as consultancy agencies.

Vision

Being a postgraduate study program featured in Economics of Natural Resources and Environment (ENRE), both at national and international levels that can generate economists in Natural Resources and Environment, develop ENRE, and formulate policy on the use and management of Natural Resources and Environment through cooperation with various parties for the welfare of civic development sustainable.

Graduate Competency (General)

- It is expected that our graduates have strong competency in Environmental and resource economics sciences along with their supporting knowledge. It is also expected that they are capable of
- designing policy instruments with regards to sustainable and optimal use of natural resources and environmental services, both for addressing current as well as future problems of natural resource management.

Specific Graduate competency

Our graduates are also expected to have competency to the following, but not limited to:

- Capability to build natural resource and environmental accounting
- Capability to estimate green GDP
- Capability to estimate economic of damage assessment
- Capability to do economic valuation of natural resource and environment
- Capacity to implement economic and policy instrument for sustainable development
- Capacity to design macro policy for sustainable economic development

Courses

To complete ENRE master, it is expected that graduate students take minimum of 50 credit course. Since our graduate program deals with natural resource and economic sciences, it is necessary for graduate students to have basic knowledge in quantitative analysis. i.e, Mathematical Economics. Details of courses for each semester are the following:

Code		Courses	SKS	Semester
Sps Required Courses				
PPS	500	English	3(3-0)	First/odd
Major Required Courses				
EKO	500	Mathematical Economics	3(3-0)	First/odd
EKO	501	Micro-Economics	3(3-0)	First/odd
EKO	503	Macro-Economics	3(3-0)	First/odd
ESL	526	Institutional Economics	3(3-0)	First/odd
EKO	507	Econometrics	3(3-0)	Second/even
ESL	521	Natural Resource and Environmental Economics	3(3-0)	Second/even
ESL	558	Political Economic and Natural Resources Policy	3(3-0)	Second/even
ESL	531	Environmental Economics	3(3-0)	Second/even
ESL	626	Natural Resource Accounting	3(3-0)	First/odd
ESL	627	Research Methodology in Environmental and Natural Resource Economic	3(3-0)	First/odd
ESL	659	Ecological Economics	3(3-0)	First/odd
ESL	635	Economic Valuation and Natural Resource Damage Assessment	3(3-0)	First/odd
ESL	601	Colloquium	1	First/odd
PPS	690	Seminar	1	Second/even
ESL	63A	Proposal	1	Second/even
ESL	63B	Scientific Publication	2	Second/even
ESL	63C	Final Examination	2	Second/even
ESL	63D	Thesis	4	Second/even
Total SKS Minimum			50	
Other Elective Courses				
ESL	533	Economics of Eco-Tourism	3(3-0)	First/odd
ESL	621	Land Resource Economics	3(3-0)	First/odd
ESL	622	Water Resource Economics	3(3-0)	First/odd
ESL	623	Forest Resource Economics	3(3-0)	First/odd
ESL	624	Fisheries Economics	3(3-0)	First/odd
ESL	625	Mineral and Energy Economics	3(3-0)	First/odd
ESL	628	Behavioral Economics for Natural Resource and Environment	3(3-0)	Second/even

Faculty of Economics and Management
BOGOR AGRICULTURAL UNIVERSITY
(IPB)

REQUIREMENTS FOR CANDIDATE STUDENT

1. Application information for regular class can be downloaded in <http://pmbpasca.ipb.ac.id>
2. Application for non regular class can be conducted directly by submitting application documents to student admission secretariat graduate school of IPB (application documents can be downloaded in <http://psl.ipb.ac.id>)
3. Applicants for master program with GPA 2.00-2.50 (scale 1-4) or from undergraduate study program less than "B" in national accreditation or field of undergraduate study program not directly correlated with the study program, have to enclose TPA (Academic Potential Test) result from BAPPENAS (National Planning Agency) with a minimum score of 450
4. Applicants for non-regular class have to enclose TPA (Academic Potential Test) result from BAPPENAS with minimum score 475.
5. Enclosing transcript and certificate legalized by origin university (undergraduate degree)
6. Enclosing research proposal synopsis (max. 3 pages)
7. Enclosing TOEFL certificate (if any)
8. Enclosing pashoto in 3 x 4
9. Other information can be download at <http://pasca.ipb.ac.id>

COURSE FEE (IDR)

Fee	Reguler Class	Non-reguler Class
Selection Fee	750.000	750.000
TPA	325.000	325.000
SPP/Semester	9.000.000	12.000.000



FACILITIES

- Lecture Room Air-conditioned, equipped with LCD, and free wireless hot spot
- Library and Reading Room with the literature up to date
- The seminar and final exam room
- Powered by IPB facilities: cyber computer, computer centers and video conferencing IPB, IPB central library, clinic, gymnasium, places of worship, banking, etc.

REGISTRATION TIME

Activity	Reguler Class	Non-reguler Class
Registration Phase I	January-April	January-March
Registration Phase II	May-July	May-August
Announcement of Acceptance	August	September
Verification	August	October
Lectures	September	October

PERIOD & VENUE OF LECTURES

Regular Class

Period: Monday - Friday
Venue: Darmaga Campus, Bogor

Non - Regular Class

Period: Friday - Saturday
Venue: Baranangsiang Campus, Bogor

Information

Graduate school

Bogor Agricultural University

Gedung Sekolah Pascasarjana Lt.1
Kampus IPB Darmaga, Bogor, 16880, Jawa Barat, Indonesia

Secretariat of the Master Program in

Resource and Environmental Economics
(PS S2 ESL)

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LECTURERS

- ☒ Prof. Dr. Ir. Tridoyo Kusumastanto, MS
- ☒ Prof. Dr. Ir. Akhmad Fauzi Syam, M.Sc
- ☒ Prof. Dr. Ir. Bambang Juanda, MS
- ☒ Prof. Dr. Ir. Yusman Syaukat, M.Ec
- ☒ Dr. Ir. Aceng Hidayat, MT
- ☒ Dr. Ir. Eka Intan K. Putri, MS
- ☒ Dr. Ir. Ahyar Ismail, M.Agr
- ☒ Dr. Meti Ekayani, S.Hut, M.Sc
- ☒ Dr. Eva Anggraini, S.Pi, M.Si
- ☒ Dr. Fifi Diana Thamrin, SP. M.Si
- ☒ Dr. A. Faroby Falatehan, SP, ME
- ☒ Dr. Meilanie Buitenzorgy, S.Si, M.Sc
- ☒ Dr. Pini Wijayanti, SP, M.Si

Additionally, the staff in ESL program study reinforced by part-time lecturers from various institutions competent in the field of Resource and Environmental Economics.

