



MODULE HANDBOOK

Power and Ecological Space

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Undergraduate Study Program for Geography
Faculty of Mathematics and Natural Sciences
Universitas Indonesia

Power and Ecological Space

Module designation	Power and Ecological Space
Semester(s) in which the module is taught	Fifth (5th) Semester
Person responsible for the module	Dr. Hafid Setiadi, M.T.
Lecturer	1. Dr. Hafid Setiadi, M.T.
Language	Bahasa Indonesia
Relation to curriculum	Elective
Teaching methods	Student-centered Learning and combination with Cooperative Learning
Workload (incl. contact hours, self-study hours)	<ol style="list-style-type: none"> 1. Lectures: 150 minutes per week per semester 2. Assignment: 180 minutes per week per semester 3. Independent study: 180 minutes per week per semester 4. Minutes x weeks x semester: $510 \times 14 \times 1 = 7140$ minutes per semester 5. Midterm Examination: 100 minutes per semester 6. Final Examination: 100 minutes per semester 7. Total workload per semester: 7340 minutes / 122 hours 20 minutes
Credit points	3 (Three)
Required and recommended pre-requisites for joining the module	<ol style="list-style-type: none"> 1. Spatial Organization of Human Activities 2. Ecological System and Natural Landscape
Module objectives/intended learning outcomes	After completing this course students were able to analyze power, management and development in ecological spaces
Content	<ol style="list-style-type: none"> 1. The term of ecological system. 2. Impact of the ecological system to the environment. 3. Ecological system as a space. 4. Management of ecological space. 5. Authority of ecological space. 6. The ideal shape of an ecological space. 7. Comparison of ideal ecological spaces with ecological space in their respective regions. 8. Impact of ecological space management.
Examination forms	-
Study and examination requirements	<ol style="list-style-type: none"> 1. Group Works and Presentation (55%) 2. Individual Works (45%)

Reading list	<p>Eugena P.Odum, Fundamentals of Ecology, Saunders Philadelphia,1971</p> <p>W.B.Claphalm, Jr.,Natural Ecosystems, Mc.Milan Publishing Co., Inc.New York, Collier Mac Millan Publishers London</p> <p>Joseph M.Moran, Michael Morgan & James H.Wiersma, Introduction to Environmental Science, W.H.Freeman and Company N.Y.1986</p> <p>S.J.Mc.Naughton & Larry L. Wolf, Ekologi Umum, Penerjemah: Sunaryo Pringgoseputro, Srigandono, Editor: Sudarsono, Gajah Mada University Press 1990</p> <p>Oliver S. Owen, Natural Resource Conservation, An Ecological Approach. Mc.Millan Publishing Co.,Inc.New York, Collier Mc.Millan Publishers London, 1985</p> <p>Whitten, T., R.E. Soeriaatmadja. S.A. Afiff. 1999. Ekologi Jawa dan Bali. Seri Ekologi Indonesia Jilid 2. Prenhallindo. Jakarta</p> <p>Soemarwoto, O. Ekologi dalam Pembangunan Berwawasan Lingkungan</p>
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