



MODULE HANDBOOK

Introduction to Geographic Method

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

Introduction to Geographic Method

Module designation	Introduction to Geographic Method
Semester(s) in which the module is taught	Second (2nd) Semester
Person responsible for the module	Dr. rer.nat. Eko Kusratmoko, M.S.
Lecturer	<ol style="list-style-type: none"> 1. Dr. rer.nat. Eko Kusratmoko, M.S. 2. Dr. Hafid Setiadi, MT 3. Nurrokhmah Rizqihandari, S.Si, M.Si 4.
Language	Bahasa Indonesia
Relation to curriculum	Compulsory
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: 100 minutes per week per semester 2. Assignment: 120 minutes per week per semester 3. Independent study: 120 minutes per week per semester 4. Minutes x weeks x semester: $340 \times 14 \times 1 = 4760$ minutes per semester 5. Midterm Examination: 100 minutes per semester 6. Final Examination: 100 minutes per semester 7. Total workload per semester: 4950 minutes / 82 hours 40 minutes
Credit points	2 (Two)
Required and recommended pre-requisites for joining the module	<ol style="list-style-type: none"> 1. Thinking Geographically
Module objectives/intended learning outcomes	After completing this course students are able to examine the needs and suitability of the application of geographic methods that suppress the collection and presentation of geographical data.
Content	<ol style="list-style-type: none"> 1. Geography Work Procedure 2. Scope and Characteristics of the Scientific Method of Geography: Problems to Data 3. Definition and Type of Geographical Data: Primary/Secondary, Discrete/Non-discrete, Quantitative/Qualitative, Tangible/Intangible, 4. Spatial and Non-spatial Unit Analysis 5. Maps and Geographic Information 6. Observation and Field Survey Method 7. Sampling Method 8. Interview Method 9. Data Processing Method: Classification and Categorization 10. Data Presentation Methods (Spatial Representation): Maps, Graphics, Matrix, Sketches/Chart, and Transverse Profiles
Examination forms	-
Study and examination requirements	<ol style="list-style-type: none"> 1. Group & Presentation Score (35%) 2. Individual Score (45%) 3. Midterm Examination (10%) 4. Final Examination (10%)

Reading list	<p>Getis, A., Bjellend, M.D., dan Getis, V. (2017). Introduction to Geography. McGraw Hill Education: New York. Chapter 2</p> <p>Gomez, B dan Jones III, J.P. (2010). Research Methods in Geography A Critical Introduction. Blackwell Publishing. Chichester: West Sussex</p> <p>Matthews, J.A. dan Herbert, T.V. (2008). Geography, A Very Short Introduction. Oxford University Press: New York. Chapter 5</p> <p>Sandy, I.M. (1984). Aturan Menulis dan Menulis dengan Aturan. Jurusan Geografi, FMIPA Universitas Indonesia</p> <p>Stoddard, R. (1982). "Field Techniques and Research Methods in Geography". Geography Faculty Publications. 26. University of Nebraska</p> <p>N. Clifford, S. French, & G. Valentine. Key Methods in Geography. 2010. Sage Publication: LA, USA & London, UK</p>
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