



MODULE HANDBOOK

Geographic Research Design

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

Geographic Research Design

Module designation	Geographic Research Design
Semester(s) in which the module is taught	Fourth (4th) Semester
Person responsible for the module	Dr. rer.nat. Eko Kusratmoko, M.S.
Lecturer	1. Dr. rer.nat. Eko Kusratmoko, M.S. 2. Dr. Hafid Setiadi, M.T.
Language	Bahasa Indonesia
Relation to curriculum	Compulsory
Teaching methods	Student-centered Learning and combination with Cooperative Learning
Workload (incl. contact hours, self-study hours)	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	1. Introduction to Geographic Method
Module objectives/intended learning outcomes	This course discusses the design of geographic research both through a quantitative, qualitative, and combination (mixed-method) approach. The description of learning will include the formulation of problems and geographical research questions, the role of theory in the study, the preparation of a conceptual research framework, geographical research design, and withdrawal of conclusions or geographical arguments. All of these learning will provide special emphasis on the role of maps and / or other spatial visualization forms both as tools and science in geographic research, starting the problem of the formulation of the problem to retrieval of conclusions.
Content	1. Characteristics and Scope of Geographic Research 2. Application of Scientific Procedures 3. Formulation of Problems and Geographical Research Questions 4. Research Geomers and Implications on Research Design 5. State of the Art: Role of Theory, Concept, Previous Research 6. Limit, Definition, and Conceptual Framework 7. Geography Research Design: Quantitative, Qualitative, Combination Approach 8. Map and Spatial visualization: Facts, Analysis, and Results 9. Withdrawal of Conclusion: Silogism, Deductive-Inductive
Examination forms	-
Study and examination requirements	1. Makalah Forum Diskusi (40%) 2. Ujian (25%) 3. Makalah dan peta (35%)

Reading list	<p>Gomez, B dan Jones III, J.P. (2010). <i>Research Methods in Geography A Critical Introduction</i>. Chichester: Blackwell Publishing.</p> <p>Parson, T., & Knight, P.G. (2005). <i>How to Do Your Dissertation in Geography and Related Discipline</i>. 2nd Edition. Routledge</p> <p>Wang, G.T., & Park, K. (2016). <i>Student Research and Report Writing, From Topic Selection to Complete Paper</i>. John Wiley & Sons, Ltd.</p> <p>Sandy, I.M. (1984). <i>Aturan Menulis dan Menulis dengan Aturan</i>. Jurusan Geografi, FMIPA Universitas Indonesia</p>
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