



## **MODULE HANDBOOK**

### **Regional Survey**

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## Regional Survey

Module designation	Regional Survey
Semester(s) in which the module is taught	Sixth (6th) Semester
Person responsible for the module	Dr. Supriatna, M.T.
Lecturer	<ol style="list-style-type: none"> <li>1. Dra. Tuty Handayani, M.S.</li> <li>2. Dr. Supriatna, M.T.</li> <li>3. Adi Wibowo, Ph.D.</li> </ol>
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"> <li>1. Lectures: 100 minutes per week per semester</li> <li>2. Assignment: 120 minutes per week per semester</li> <li>3. Independent study: 120 minutes per week per semester</li> <li>4. Minutes x weeks x semester: <math>340 \times 14 \times 1 = 4760</math> minutes per semester</li> <li>5. Midterm Examination: 100 minutes per semester</li> <li>6. Final Examination: 100 minutes per semester</li> <li>7. Total workload per semester: 4950 minutes / 82 hours 40 minutes</li> </ol>
Credit points	2 (Two)
Required and recommended pre-requisites for joining the module	<ol style="list-style-type: none"> <li>1. Cartography</li> <li>2. Surveying and Mapping</li> <li>3. Principles and Perspective in Physical Geography</li> <li>4. Principles and Perspective in Human Geography</li> <li>5. Regional Development</li> </ol>
Module objectives/intended learning outcomes	After completing this course, students will be able to formulate the results of geospatial data collection based on proper planning, the method that is in accordance with the concept of survey processes with various techniques and formulas in accordance with the principles of regional planning and data analysis for later Prepare into a scientific writing that can be accounted for by the truth. The output from this lecture is a paper or scientific report equipped with a map
Content	<ol style="list-style-type: none"> <li>1. Identifying the substantial needs of geospatial information about multidisciplinary environmental information</li> <li>2. Planning. Developing methods, compiling guidelines, assessing technical specifications of survey work and / or geospatial information mapping</li> <li>3. Developing the field survey plan</li> <li>4. Preparing the working map. Administrative preparation and survey equipment and observation and field orientation</li> <li>5. Collecting secondary geospatial data</li> <li>6. Collecting primary geospatial data : structured interview</li> <li>7. Performing the initial spatial process, verifying geospatial data</li> <li>8. Validating the geospatial data, drawing the observation survey result</li> <li>9. Compiling the synthetic thematic geospatial information</li> <li>10. Analyzing geospatial information for the basic level</li> <li>11. Creating the implementative policy recommendations</li> <li>12. Preparing for the geospatial information product report</li> </ol>
Examination forms	-

<p>Study and examination requirements</p>	<ol style="list-style-type: none"> <li>1. Individual Works (20%)</li> <li>2. Group Works and Presentation (30%)</li> <li>3. Mid-Term Exam (20%)</li> <li>4. Final Paper (20%)</li> <li>5. Presentation (10%)</li> </ol>
<p>Reading list</p>	<p>Arnold Caroline.2001. The Geography Book: Activities for Exploring, Mapping, and Enjoying Your World . John Wileys Sons New York</p> <p>Andreas Fejes .2019. Mapping out the Research Field of Adult Education and Learning. Springer Nature Switzerland.</p> <p>Danelo David J. 2017. The Field Researcher's Handbook: A Guide to the Art and Science of Professional Fieldwork Paperback. Georgetown University Press.</p> <p>Milson, Andrew J.Peggy Altoft, Mark H Bockenhaeur, Janet Smith, Michael W Smith. 2016. World Cultures and Geography Survey. National Geographic School.</p> <p>Sheskin. Ira M. 1985. Survey Research for Geographers (RESOURCE PUBLICATIONS IN GEOGRAPHY). Assn of American Geographer.</p> <p>Park Albert.Ellen Perecman. Sara Currant. 2006. Surveys and Secondary Data Sources: Using Survey Data in Social Science Research in Developing Countries . DOI: <a href="https://dx.doi.org/10.4135/9781412983211.n6">https://dx.doi.org/10.4135/9781412983211.n6</a></p> <p>Jan Kraak, Menno and Ferjan Ormeling, 2010, Cartography, Visualitation of Spatial Data,Prentice Hall Pub, Amsterdam</p> <p>RW Anson, FJ Ormeling, 2013. Basic Cartogrphy, Elsevier Publishers</p>