

## Course Module Organization: Theory and Management

Module/Course Title: Academic Writing					
Module course code	Student workload	Credits	Semester	Frequency	Duration
Q200-20	3x50'	3 SKS	3		
1	<b>Type of course</b> Regular/Full Time		<b>Contact hours</b>	<b>Independent study</b>	<b>Class size</b>
2	<b>Prerequisites for participation (if applicable)</b>				
3	<p><b>Learning outcomes</b></p> <p>After attending this course, students are expected to:</p> <ul style="list-style-type: none"> <li>- Have insight into the theory and concepts of Organization</li> <li>- Have a responsible attitude towards work in the field of strategic management at various levels and levels of the national development system independently</li> <li>- Have the ability to analyze and develop new models or new strategies within the Organization.</li> <li>- Have the ability to solve problems in managing and leading the implementation of education through the application of management.</li> <li>- Have the ability to develop organizational models in the management and development of development innovations.</li> </ul>				
4	<p><b>Subject aims/Content</b></p> <p>This course focuses on Organizational processes: Theory and Management, strategic situation analysis, strategy formulation, strategy implementation and control, and other strategic issues. Strategic management combines activities from various functional parts of a business to produce the right strategy in achieving objective. There are three stages in strategic management, namely strategy formulation, strategy implementation, and strategy evaluation in the field of regional development.</p>				
5	<p><b>Teaching methods</b></p> <p><b>Encounter 1</b> Organizational Essence Process Management</p> <hr/> <p><b>Encounter 2</b> Environmental Analysis And Determine Organizational Direction</p> <hr/> <p><b>Encounter 3</b> Critical Functions For Organizational Management</p> <hr/> <p><b>Encounter 4</b> Accountability and Good governance</p> <hr/> <p><b>Encounter 5</b></p>				

	Theory Of Stratgic Management With case
	<b>Encounter 6</b> Strategic Management Business policy
	<b>Encounter 7</b> Strategy Maps
	<b>MIDTERM EXAM</b>
	<b>Encounter 9</b> Strategic Management
	<b>Encounter 10</b> Practice and Presentation of the Strategic Plan of the Ministry of Education and Culture
	<b>Encounter 11</b> Practice and Presentation of the Strategic Plan of the Ministry of Research, Technology and Higher Education
	<b>Encounter 12</b> Ministry of National Development Planning/National Development Planning Agency (Bappenas) Strategic Plan Practice and Presentation
	<b>Encounter 13</b> Practice and Presentation of the Strategic Plan for Education Providers (Foundation)
	<b>Encounter 14</b> Practice and Presentation of the Strategic Plan for Education Providers (province/district/city)
	<b>Encounter 15</b> Organizational Management Theory and Practice
	<b>FINAL EXAMS</b>
6	<b>Assessment methods</b>
	<b>Encounter 1</b> – Paper/ – Report – & Discussion
	<b>Encounter 2</b> – Take home assignment, reading and discussion
	<b>Encounter 3</b> – Take home assignment, reading and discussion

	<p><b>Encounter 4</b> – Take home assignment, reading and discussion</p> <p><b>Encounter 5</b> – Take home assignment, reading and discussion</p> <p><b>MIDTERM EXAM</b></p> <p><b>Encounter 7</b> – Take home assignment, reading and discussion</p> <p><b>Encounter 8</b> – Take home assignment, reading and discussion</p> <p><b>Encounter 9</b> – Take home assignment, reading and discussion</p> <p><b>Encounter 10</b> – Paper/ – Report – &amp; Discussion</p> <p><b>Encounter 11</b> – Paper/ – Report – &amp; Discussion</p> <p><b>FINAL EXAMS</b></p>
7	<p><b>This module/course is used in the following study programme/s as well</b> Yes</p>
8	<p><b>Responsibility for module/course</b></p> <ol style="list-style-type: none"> <li>1. Dr. Muhiyati Rahmatunnisa</li> </ol>
9	<ol style="list-style-type: none"> <li>1. Abadi, E.E.N. dan Soltani, I. (2012). "Strategic Planning Model Formulation Based on Balanced Scorecard: A Case Study". <i>Journal of Academic Research Business and Social Sciences</i>. 2, (7). 354-372.</li> <li>2. Alkhafaji, A.F. (2003). <i>Strategic Management: Formulation, Implementation, and Control in a Dynamic Environment</i>. London: The Haworth Press.</li> <li>3. Bontis, Nick. dan Choo, C.W. (2002). <i>The Strategic Management of Intellectual Capital and Organizational Knowledge</i>. New York: Oxford Press.</li> <li>4. Bryson, J. M. (2004). <i>Strategic Planning for Public and Non Profit Organizations: A Guide to Strengthening and Sustaining Organizational Achievement (Third Edition)</i>. San Francisco: Jossey-Bass Publishing Co.</li> <li>5. Certo, S.C., Ottensmeyer, E. dan Peter, J.P. (1995). <i>Strategic Management: Concepts and Applications</i>. London: IRWIN.</li> <li>6. Christensen, C.M. dan Overdorf, M. (2011). "Meeting the Challenge of Disruptive Change," dalam <i>HBR'S 10 Must Reads: The Essentials</i>. Boston: Harvard Business Review Press.</li> <li>7. Collins, J.C. dan Porras, J.I. (2011). "Building Your Company's Vision," dalam <i>HBR'S 10 Must Reads: On Strategy</i>. Boston: Harvard Business Review Press.</li> <li>8. Davis R Fred, 2013, "Strategic Management: Concept and Cases", Eleventh Edition</li> </ol>

9. Fidler, B. (1989). "Strategic Management: Where is the School Going?," dalam *Effective Local Management of Schools: A Strategic Approach*. Harlow: Longman.
10. Fidler, B. (1996). *Strategic Planning for School Improvement*. London: Pitman.
12. Fidler, B. (2002). *Strategic Management for School Development*. London: SAGE Publications.
13. Gadiesh, O. dan Gilbert, J.L. (2011). "Transforming Corner-Office Strategy into Frontline Action," dalam *HBR'S 10 Must Reads: On Strategy*. Boston: Harvard Business Review Press.
14. Hill, Charles W.L. and Gareth R. Jones (2001). *Strategic Management: An Integrated Approach*. Houghton Mifflin Company, Boston
15. Hoy, W.K. dan Miskel, C.G. (2008). *Educational Administration: Theory, Research, and Practice (Eight Edition)*. New York: Mc Graw Hill.
16. Hunger, J.D. dan Wheelen, T.L. (2012). *Strategic Management and Business Policy: Toward Global Sustainability (13th Edition)*. New York: Pearson.
17. International Institute of Educational Planning. (2010a). *Strategic Planning: Concept and Rationale*. Paris: IIEP.
18. International Institute of Educational Planning. (2010b). *Strategic Planning: Organizational Arrangements*. Paris: IIEP.
19. International Institute of Educational Planning. (2010c). *Strategic Planning: Techniques and Methods*. Paris: IIEP.
20. Kaplan, R.S. dan Norton, D.P. (2011). "Putting the Balanced Scorecard to Work," dalam *HBR'S 10 Must Reads: The Essentials*. Boston: Harvard Business Review Press.
21. Kaplan, R.S. dan Norton, D.P. (2011). "Using the Balanced Scorecard as a Strategic Management," dalam *HBR'S 10 Must Reads: On Strategy*. Boston: Harvard Business Review Press.
22. Kotter, J.P. (2011). "Leading Change," dalam *HBR'S 10 Must Reads: The Essentials*. Boston: Harvard Business Review Press.
23. Neilson, G.L., Martin, K.L., dan Powers, E. (2011). "The Secrets to Successful Strategy Execution," dalam *HBR'S 10 Must Reads: On Strategy*. Boston: Harvard Business Review Press.
24. Porter, M.E. (2011). "What is Strategy?," dalam *HBR'S 10 Must Reads: On Strategy*. Boston: Harvard Business Review Press.
25. Rogers, P. dan Blenko, M. (2011). "Who Has the D?," dalam *HBR'S 10 Must Reads: The Essentials*. Boston: Harvard Business Review Press.
26. Wheelen Thomas L. and J. David Hunger (2000). *Strategic Management: Business Policy*. Prentice Hall International, New Jersey.



## Course Module Methodology and statistics

<b>Module/Course Title: Basic Principles of Research Methods and Statistics</b>					
<b>Module course code</b>	<b>Student workload</b>	<b>Credits</b>	<b>Semester</b>	<b>Frequency</b>	<b>Duration</b>
-	4x50'	4 SKS	2		4x50'
1	<b>Type of course</b> Regular/Full Time	<b>Contact hours</b>	<b>Independent study</b>	<b>Class size</b>	
2	<b>Prerequisites for participation (if applicable)</b>				
3	<b>Learning outcomes</b> Students are expected to understand, analyze and be able to apply Research Methods and Use of Statistical Analysis.				
4	<b>Subject aims/Content</b> This course will lead students to understand the research methods and statistics then implementing research methods and statistic for Research proposal presentation.				
5	<p><b>Teaching methods</b></p> <p><b>Encounter 1</b> <b>Research Methods and Statistics</b> Exposure to Research Methods and Statistics Discussion and Q&amp;A Making conclusions and understanding the material</p> <p><b>Encounter 2</b> <b>The Simple and practical Research Methods and Statistics</b> Research Methods and Statistics in Simple and Practical View Reviewing literature videos and some other literature Research Methods and Statistics Character of Research Methods and Statistics Cycle of Research Methods and Statistics Phase of Research Methods and Statistics Preparation of Research and use of Statistical Analysis Research Methods and Statistics Tools Making conclusions and understanding the material</p> <p><b>Encounter 3</b> <b>Implementation of Research Methods and Statistics</b> Setting the Research Proposal Theme Compiling research literature Creating a research flow Make a research schedule Make a research financing plan Creating tools for research monitoring</p>				

	<p><b>Encounter 4</b> <b>Research Proposal Presentation</b></p>
	<p><b>Assessment methods</b> <b>Encounter 1</b> Reading, Discussion and Q&amp;A, Interactive Quiz, Assignment</p>
	<p><b>Encounter 2</b> Reading, Discussion and Q&amp;A, Interactive Quiz, Assignment</p>
	<p><b>Encounter 3</b> Reading, Discussion and Q&amp;A, Interactive Quiz, Assignment</p>
	<p><b>Encounter 4</b> Research design, research flowchart, research proposal, discussion</p>
6	<p><b>This module/course is used in the following study programme/s as well</b> Yes</p>
	<p><b>Responsibility for module/course</b> 1. Dr. Achmad Rizal, M.Si 2. Dr. Emma R, M.Si 3. Dr. Asep Agus Handaka –</p>
	<p>1. Coolican, H. (2014). Research methods and statistics. 6th ed. New York: Psychology Press 2. Kumar, R. (2011). Research methodology: A step-by-step guide for beginners. 3rd ed. London: Sage Publication</p>

## Course Module Philosophy of Science

<b>Module/Course Title: Philosophy of Law Glorification and Environmental in the Development of Science and Technology</b>					
<b>Module course code</b>	<b>Student workload</b>	<b>Credits</b>	<b>Semester</b>	<b>Frequency</b>	<b>Duration</b>
-	2x50'	2 Sks	1		2x50'
1	<b>Type of course</b> Regular/Full Time	<b>Contact hours</b>	<b>Independent study</b>	<b>Class size</b>	
2	<b>Prerequisites for participation (if applicable)</b>				
3	<b>Learning outcomes</b> Students are able to understand and broaden their insight about the truth and meaning of science philosophically.				
4	<b>Subject aims/Content</b> This course will lead students to understand the scope of the philosophy of science, challenges and the future of science, the truth of knowledge, scientific right, ontology: the truth of science, epistemology: how to obtain knowledge, axiology: the value of the usefulness of science, the structure of science, scientific medium, morality of science, and the history of the development of science.				
5	<b>Teaching methods</b> <b>Encounter 1</b> <b>Introduction to Philosophy of Science</b> Scope of Philosophy of Science History of the development of science Making conclusions and understanding the material <hr/> <b>Encounter 2</b> <b>Knowledge and Science</b> The Truth of Knowledge Scientific Right The Truth of Science Epistemology Benefits and Use Value of Science Making conclusions and understanding the material <hr/> <b>Encounter 3</b> <b>Structures and Scientific Facilities</b> Theory-Hypothesis-Logic-Paradigm Data and Information Scientific Method Evidence and Evaluation Challenges and the Future of Science Making conclusions and understanding the material				

	<p><b>Encounter 4</b> <b>Research Proposal Presentation</b></p>
	<p><b>Assessment methods</b> <b>Encounter 1</b> Reading, Discussion and Q&amp;A, Interactive Quiz, Assignment</p>
	<p><b>Encounter 2</b> Reading, Discussion and Q&amp;A, Interactive Quiz, Assignment</p>
	<p><b>Encounter 3</b> Reading, Discussion and Q&amp;A, Interactive Quiz, Assignment</p>
	<p><b>Encounter 4</b> Paper, report, discussion</p>
6	<p><b>This module/course is used in the following study programme/s as well</b> Yes</p>
	<p><b>Responsibility for module/course</b> 4. Prof. Nana Sulaksana 5. Prof. Oekan 6. Prof. Hendarmawan 7. Prof. Adjat Sudrajat –</p>
	<p>3. "Bahm, Archi J., "What us Science". Reprinted from Axiologi: The Science of Values. Albuquerque, New Mexico: World Books, 1980 4. Berten, K., Filsafat Abad XX. Jakarta: PT. Gramedia, 1995 5. ————., Jakarta: PT. Gramedia, 1990 6. Conant, James Bryant, Science and Common Sense. New Haven: Yale University Press, 1996. Cetakan ke enam. 7. Earle, William James, Introduction to Philosophy. New York: McGraw-Hill Inc., 1992 8. Frank, Philip, Philosophy of Science: The Link Between Science and Philosophy. Westpor, Connecticut: Greenwood Press, 1974 9. Hamersma, Harry, Pintu Masuk Ke Dunia Filsafat. Yogyakarta, 1984. Cetakan ketiga. 10. Kemeney, John G., A Philosopher Look at Science. Princeton, New Jersey: D. Van Nostrand Company, 1959 11. Keraf, A. Sonny dan Mukhael Dua, Ilmu Pengetahuan: Sebuah Tinjauan Filosofis. Yogyakarta: Penerbit Kanisius, 2001 Cetakan kelima 12. Kleiden, Ignas, Sikap Ilmiah dan Kritik Kebudayaan. Jakarta: Penerbit LP3ES, 1987. Cetakan pertama. 13. Koentowibisono Siswomihardjo dkk., Filsafat Ilmu Sebagai Dasar Pengembangan Ilmu Pengetahuan. Klaten: Intan Pariwara, 1977. Edisi pertama 14. Kuhn, Thomas S., Scientific Revolutions, dalam Richard Boyd et al (Eds.), The Philosophy of Science. London: The MIT Press, 1977. Hal. 139-157 15. Lanur, Alex, Logika: Selayang Pandang. Yogyakarta: Penerbit Kanisius, 1994. Cetakan kesepuluh</p>

16. Luce, A.A., London: The English University Press, 1958
17. McCall, Raymond J., Basic Logic: The Fundamental Principles of Formal Deductive Reasoning. New York: Barnes & Nobel, Inc., 1952. Edisi kedua
18. Popper, Karl, The Logic of Scientific Discovery, dalam Richard Boyd et al (Eds.), The Philosophy of Science. London: The MIT Press, 1977. Hal. 99-119.
19. Sudarminto, J., Epistemologi Dasar: Pengantar Filsafat Pengetahuan. Yogyakarta: Penerbit Kenisius, 2001. Cetakan ketiga
20. Soekadijo, R.G., Logika Dasar: Tradisional, Simbolik, dan Induktif. Jakarta: PT. Gramedia, 1983
21. Van Melsen, A.G.M., Ilmu Pengetahuan dan Tanggungjawab Kita. Jakarta: PT. Gramedia, 1992. Cetakan kedua.
22. Verhak, C. dan Imam R. Haryono, Filsafat Ilmu Pengetahuan. Jakarta: PT. Gramedia, 1989"

## Course Module Academic Writing

<b>Module/Course Title: Academic Writing</b>					
<b>Module course code</b>	<b>Student workload</b>	<b>Credits</b>	<b>Semester</b>	<b>Frequency</b>	<b>Duration</b>
Q200-2032	3x50'	3 Sks	1		
1	<b>Type of course</b> Regular/Full Time	<b>Contact hours</b>	<b>Independent study</b>	<b>Class size</b>	
2	<b>Prerequisites for participation (if applicable)</b>				
3	<b>Learning outcomes</b> Students are able to write manuscript draft according to the target journal requirement. Students are able to write proposal draft according to the guideline for writing thesis in Universitas Padjadjaran				
4	<b>Subject aims/Content</b> Academic Writing courses is compulsory subject for Semester I (one). Students learn the basic principles of critical and logical thinking, the basic concepts of writing scientific papers. Students are given an understanding of how to read scientific articles and how to cite them using literature citation software. Students are directed to develop research plans and present them. Students are also given an understanding of how to present research results in the form of relevant illustrations through the results of secondary data processing. At the end of the lecture, at least the achievements are tested in the form of a draft proposal and a draft research article (with secondary data) or a review article.				
5	<b>Teaching methods</b> <b>Encounter 1</b> Study Overview: The purpose and function of Article  <b>Encounter 2</b> Critical Appraisal Journal Citation Reference Management  <b>Encounter 3</b> Identifying Research Problem Logical framework Writing Hypothesis  <b>Encounter 4</b> Background				

	<p><b>Encounter 5</b> Method</p>
	<p><b>Encounter 6</b> Results (Data Illustration and Visualization)</p>
	<p><b>Encounter 7</b> Fraud in Research</p>
	<p><b>MIDTERM EXAM</b></p>
	<p><b>Encounter 9</b> Discussion</p>
	<p><b>Encounter 10</b> Conclusion and Abstract</p>
	<p><b>Encounter 11</b> Type of article: Research article and Review Article</p>
	<p><b>Encounter 12</b> Introduction of R software</p>
	<p><b>Encounter 13</b> Creating study timeline</p>
	<p><b>Encounter 14</b> Writing manuscript draft</p>
	<p><b>Encounter 15</b> Writing proposal draft</p>
	<p><b>FINAL EXAMS</b></p>
6	<p><b>Assessment methods</b></p> <p><b>Encounter 1</b> – Paper/ – Report – &amp; Discussion</p>
	<p><b>Encounter 2</b> – Take home assignment, reading and discussion</p>
	<p><b>Encounter 3</b> – Take home assignment, reading and discussion</p>
	<p><b>Encounter 4</b> – Take home assignment, reading and discussion</p>

	<p><b>Encounter 5</b> – Take home assignment, reading and discussion</p>
	<p><b>MIDTERM EXAM</b></p>
	<p><b>Encounter 7</b> – Take home assignment, reading and discussion</p>
	<p><b>Encounter 8</b> – Take home assignment, reading and discussion</p>
	<p><b>Encounter 9</b> – Take home assignment, reading and discussion</p>
	<p><b>Encounter 10</b> – Paper/ – Report – &amp; Discussion</p>
	<p><b>Encounter 11</b> – Paper/ – Report – &amp; Discussion</p>
	<p><b>FINAL EXAMS</b></p>
7	<p><b>This module/course is used in the following study programme/s as well</b> Yes</p>
8	<p><b>Responsibility for module/course</b></p> <ol style="list-style-type: none"> <li>1. Prof. Dr. Eng. I Made Joni, M.Sc</li> <li>2. Dr. Sc. Dina Oktavia, S.Hut., M.Si</li> </ol>
9	<ol style="list-style-type: none"> <li>1. Cargill M., O'Connor P. (2009). <i>Writing Scientific Research Articles: Strategy and Steps</i>. Oxford: John Wiley &amp; Sons Ltd.</li> <li>2. Gastel, B., Day, R.A. (2016). <i>How to Write and Publish a Scientific Paper</i>. California: Greenwood.</li> <li>3. Guideline for writing thesis. 2016. Universitas Padjadjaran</li> </ol>

## Course Module Disaster Sociology

Module/Course Title: Academic Writing					
Module course code	Student workload	Credits	Semester	Frequency	Duration
Q200-1011	3x50'	3 SKS	2		
1	<b>Type of course</b> Regular/Full Time	<b>Contact hours</b>	<b>Independent study</b>	<b>Class size</b>	
2	<b>Prerequisites for participation (if applicable)</b>				
3	<b>Learning outcomes</b> Students can identify the core of disaster problems in Geology Students can explain the relationship between geology and social science Students are able to create a RPB (Disaster Management Plan) matrix for an area Students are able to make operational plans for disaster socialization to all stakeholders				
4	<b>Subject aims/Content</b> The Disaster Sociology course is designed to bridge physical studies in geology with social sciences in relation to disaster management efforts, which include: <ul style="list-style-type: none"> <li>• All efforts or activities carried out in the context of prevention, mitigation, preparedness, emergency response and recovery efforts related to disasters carried out at the stages before, during and after a disaster.</li> <li>• A dynamic process, which is developed from the classic management functions which include planning, organizing, division of tasks, control and supervision. This process involves various organizations that must work together to carry out disaster prevention, mitigation, preparedness, emergency response, and recovery.</li> </ul>				
5	<b>Teaching methods</b> <b>Encounter 1</b> Study Overview: <ul style="list-style-type: none"> <li>- Syllabus, TIU, ICT,</li> <li>- Lecture rules</li> <li>- Presentation 1-2</li> <li>- Library 1</li> </ul>				
	<b>Encounter 2</b> - Explanation of the branches of geology related to the region & disaster				
	<b>Encounter 3</b> - Explanation of regional science related to social variables of society - Library 2				

	<p><b>Encounter 4</b> - 3-4 . presentation</p>
	<p><b>Encounter 5</b> - Library 2</p>
	<p><b>Encounter 6</b> - Thematic maps related to geology</p>
	<p><b>Encounter 7</b> - Disaster thematic maps - Presentation 5-6</p>
	<p><b><i>MIDTERM EXAM</i></b></p>
	<p><b>Encounter 9</b> - Basic concepts of Disaster Cycle and preparedness</p>
	<p><b>Encounter 10</b> - Definition and process of Disaster Risk Reduction (DRR)</p>
	<p><b>Encounter 11</b> - Presentation 7-8 - Library 3</p>
	<p><b>Encounter 12</b> - Basic concepts and operations of emergency response</p>
	<p><b>Encounter 13</b> - Concepts and SOPs for rehabilitation and reconstruction</p>
	<p><b>Encounter 14</b> - Presentation 9-10 - Library 3</p>
	<p><b>Encounter 15</b> - The concept of disaster management includes planning, organizing, division of tasks, control &amp; supervision - Basic and operational concepts in disaster socialization efforts - Presentation 11-12</p>
	<p><b><i>FINAL EXAMS</i></b></p>
6	<p><b>Assessment methods</b> <b>Encounter 1</b> - Paper/</p>

	<ul style="list-style-type: none"> <li>- Report</li> <li>- &amp; Discussion</li> </ul>
	<p><b>Encounter 2</b></p> <ul style="list-style-type: none"> <li>- Take home assignment, reading and discussion</li> </ul>
	<p><b>Encounter 3</b></p> <ul style="list-style-type: none"> <li>- Take home assignment, reading and discussion</li> </ul>
	<p><b>Encounter 4</b></p> <ul style="list-style-type: none"> <li>- Take home assignment, reading and discussion</li> </ul>
	<p><b>Encounter 5</b></p> <ul style="list-style-type: none"> <li>- Take home assignment, reading and discussion</li> </ul>
	<p><b>MIDTERM EXAM</b></p>
	<p><b>Encounter 7</b></p> <ul style="list-style-type: none"> <li>- Take home assignment, reading and discussion</li> </ul>
	<p><b>Encounter 8</b></p> <ul style="list-style-type: none"> <li>- Take home assignment, reading and discussion</li> </ul>
	<p><b>Encounter 9</b></p> <ul style="list-style-type: none"> <li>- Take home assignment, reading and discussion</li> </ul>
	<p><b>Encounter 10</b></p> <ul style="list-style-type: none"> <li>- Paper/</li> <li>- Report</li> <li>- &amp; Discussion</li> </ul>
	<p><b>Encounter 11-12</b></p> <ul style="list-style-type: none"> <li>- Paper/</li> <li>- Report</li> <li>- &amp; Discussion</li> </ul>
	<p><b>FINAL EXAMS</b></p>
7	<p><b>This module/course is used in the following study programme/s as well</b></p> <p>Yes</p>
8	<p><b>Responsibility for module/course</b></p> <ul style="list-style-type: none"> <li>8. Dr. Dicky Muslim, Ir., MSc.</li> <li>9. Prof. Dr. Ir. Nana Sulaksana MSP.</li> </ul>
9	<ul style="list-style-type: none"> <li>1. Frederike Albrecht (2017) The Social and Political Impact of Natural Disasters, PhD Dissertation, Uppsala University, Sweden, 62p</li> <li>2. Nishi Y and Yamamoto H (2012) Social Flux and Disaster Management: An Essay on the Construction of an Indonesian Model for Disaster Management and Reconstruction, Journal of Disaster Research, vol. 7, no.1, pp 65-74</li> <li>3. Sandra Santa-Cruz, Graciela Fernández de Córdova, Miryam Rivera-Holguin, Marta Vilela, Victor Arana &amp; Juan Palomino (2017) Social sustainability dimensions in the seismic risk reduction of public schools: a case study of Lima, Peru, Sustainability: Science, Practice and Policy, vol.12, no.1, pp34-46.</li> </ul>



## Course Module Economic Risk Analysis

Module/Course Title: Academic Writing					
Module course code	Student workload	Credits	Semester	Frequency	Duration
Q200-1012	3x50'	3 SKS	3		
1	<b>Type of course</b>		<b>Contact hours</b>	<b>Independent study</b>	<b>Class size</b>
	Regular/Full Time				
2	<b>Prerequisites for participation (if applicable)</b>				
3	<b>Learning outcomes</b> After taking the Economic Risk Analysis course, students are able to understand and explain the meaning of risk and decision making. Students are able to know the relationship of economic risk with the physical area, natural resources and human in general.				
4	<b>Subject aims/Content</b> Economic risk analysis requires an explanation of the meaning of risk, uncertainty, possibility, and expectation. The relationship between economic problems and regional physical problems cannot be separated by looking at resources. This course studies the meaning of risk, how to measure risk, overcome and deal with risk. Also learn about uncertainty, probability, expectation, and decision making, and study their relationship to the physical region of the region				
5	<b>Teaching methods</b> <b>Encounter 1</b> Tuition Contract Definition of Economic Risk Analysis				
	<b>Encounter 2</b> Learning objectives and benefits of the course  Potential and constraints of human resource aspects				
	<b>Encounter 3</b> Issues related to world and Indonesian economic problems				
	<b>Encounter 4</b> Economic risk				
	<b>Encounter 5</b> Regional potential and physical constraints and their relationship to economic risks				

	<p><b>Encounter 6</b> Potentials and constraints on aspects of regional resources, mineral resources and minerals, as well as energy, oil and gas resources</p>
	<p><b>Encounter 7</b> Risk assessment methods and components of economic risk assessment</p>
	<p><b>MIDTERM EXAM</b></p>
	<p><b>Encounter 9</b> The relationship of risk and uncertainty, probability and expectation, addressing risk and decision-making steps</p>
	<p><b>Encounter 10</b> Reading and summary per subject</p>
	<p><b>Encounter 11</b> Literature Review</p>
	<p><b>Encounter 12</b> Individual Presentation</p>
	<p><b>Encounter 13</b> Student Active Learning: Reading and summary per subject</p>
	<p><b>Encounter 14</b> Literature Review</p>
	<p><b>Encounter 15</b> Student Active Learning: Individual Presentation</p>
	<p><b>FINAL EXAMS</b></p>
6	<p><b>Assessment methods</b></p> <p><b>Encounter 1</b></p> <ul style="list-style-type: none"> <li>• Accuracy in explaining</li> <li>• Initiative</li> <li>• Communication skills</li> </ul> <p>– Paper/ – Report – &amp; Discussion</p>
	<p><b>Encounter 2</b> – Take home assignment, reading and discussion</p>
	<p><b>Encounter 3</b> – Take home assignment, reading and discussion</p>
	<p><b>Encounter 4</b></p>

	<ul style="list-style-type: none"> <li>- Take home assignment, reading and discussion</li> </ul>
	<p><b>Encounter 5</b></p> <ul style="list-style-type: none"> <li>- Take home assignment, reading and discussion</li> </ul>
	<p><b>MIDTERM EXAM</b></p>
	<p><b>Encounter 7</b></p> <ul style="list-style-type: none"> <li>- Take home assignment, reading and discussion</li> </ul>
	<p><b>Encounter 8</b></p> <ul style="list-style-type: none"> <li>- Take home assignment, reading and discussion</li> </ul>
	<p><b>Encounter 9</b></p> <ul style="list-style-type: none"> <li>- Take home assignment, reading and discussion</li> </ul>
	<p><b>Encounter 10</b></p> <ul style="list-style-type: none"> <li>- Paper/</li> <li>- Report</li> <li>- &amp; Discussion</li> </ul>
	<p><b>Encounter 11</b></p> <ul style="list-style-type: none"> <li>- Paper/</li> <li>- Report</li> <li>- &amp; Discussion</li> </ul>
	<p><b>FINAL EXAMS</b></p>
7	<p><b>This module/course is used in the following study programme/s as well</b> Yes</p>
8	<p><b>Responsibility for module/course</b></p> <ul style="list-style-type: none"> <li>10. Dr. Ir. Zulfialdi Zakaria, MT</li> <li>11. Dr. Ir. Dicky Muslim, M.Sc</li> </ul>
9	<ol style="list-style-type: none"> <li>1. Alim, M.R., 2006, Analisis Keterkaitan dan Kesenjangan Ekonomi Intra dan Interregional Jawa Sumatera, Disertasi, Institut Pertanian Bogor</li> <li>2. Anonim, 2016, Manajemen Resiko, Praktik Kerja Unggulan dalam Program Pembangunan Berkesinambungan untuk Industri Pertambangan, Australian Government, LPSDP, 126</li> <li>3. Anonymous, 2002, ISBN 971-561-458-2, Handbook for Integrating Risk Analysis in the Economic Analysis of Projects, Asian Development Bank, Manila, Philippines, 117 p.</li> <li>4. Arsyad, L., 2000, Ekonomi Manajerial, Yogyakarta, BPFE, Yogyakarta</li> <li>5. Ascani, A., Crescenzi, R., &amp; Lammarino, S., 2012, Regional Economic Development: Review, SEARCH WP1/03, 27 p.</li> <li>6. Barry, P.J., Escalante, C.L., &amp; Bard, S.K, 2000, Economic Risk and the Structural Characteristic of Farm Business, American Agricultural Economics Association (AAE) Annual Meeting, 23 p.</li> <li>7. Cortright, J.C., &amp; Reamer, A., 1998, Socioeconomic Data for Understanding Your Regional Economy, A User's Guide, Economic Development Administration U. S. Department of Commerce, 98 p.</li> </ol>

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## Course Module Management Project

Module/Course Title: Academic Writing					
Module course code	Student workload	Credits	Semester	Frequency	Duration
Q200-1012	3x50'	3 SKS	2		
1	<b>Type of course</b> Regular/Full Time		<b>Contact hours</b>	<b>Independent study</b>	<b>Class size</b>
2	<b>Prerequisites for participation (if applicable)</b>				
3	<b>Learning outcomes</b> Students understand the Project management flow and are able to apply it in preparing research in the master's program. Students are able to make project plans that are implemented into Research Proposals.				
4	<b>Subject aims/Content</b> Basic Principles and Concepts of Project Management Simple and Practical Project Management Project Management Implementation				
5	<b>Teaching methods</b> <b>Encounter 1</b> Study Overview: Learning Contract				
	<b>Encounter 2</b> Project Management Exposure				
	<b>Encounter 3</b> Discussion and Q&A				
	<b>Encounter 4</b> Making conclusions and understanding the material on actual issues and local wisdom				
	<b>Encounter 5</b> Project Management - simple and practical				
	<b>Encounter 6</b> Project Management in Simple and Practical View				
	<b>Encounter 7</b> Reviewing literature videos and some other literature				
	<b>MIDTERM EXAM</b>				

	<p><b>Encounter 9</b> Managing a project and being able to make project flowcharts, schedules, project financing plans</p>
	<p><b>Encounter 10</b> Setting the Research Proposal Theme</p>
	<p><b>Encounter 11</b> Compiling research literature</p>
	<p><b>Encounter 12</b> Creating a research flow</p>
	<p><b>Encounter 13</b> Make a research schedule</p>
	<p><b>Encounter 14</b> Make a research financing plan</p>
	<p><b>Encounter 15</b> Creating tools for research monitoring</p>
	<p><b>FINAL EXAMS</b></p>
6	<p><b>Assessment methods</b></p> <p><b>Encounter 1</b> Review of Teaching Materials Creating Fishbone and Research Linkage Mindmap Creating a Research Flowchart Making a Research Design – Paper/ – Report &amp; Discussion</p> <p><b>Encounter 2</b> – Take home assignment, reading and discussion</p> <p><b>Encounter 3</b> – Take home assignment, reading and discussion</p> <p><b>Encounter 4</b> – Take home assignment, reading and discussion</p> <p><b>Encounter 5</b> – Take home assignment, reading and discussion</p> <p><b>MIDTERM EXAM</b></p> <p><b>Encounter 7</b> – Take home assignment, reading and discussion</p> <p><b>Encounter 8</b> – Take home assignment, reading and discussion</p> <p><b>Encounter 9</b> – Take home assignment, reading and discussion</p> <p><b>Encounter 10</b> – Paper/</p>

	<ul style="list-style-type: none"> <li>- Report</li> <li>- &amp; Discussion</li> </ul>
	<p><b>Encounter 11</b></p> <ul style="list-style-type: none"> <li>- Paper/</li> <li>- Report</li> <li>- &amp; Discussion</li> </ul>
	<b>FINAL EXAMS</b>
7	<p><b>This module/course is used in the following study programme/s as well</b></p> <p>Yes</p>
8	<p><b>Responsibility for module/course</b></p> <ol style="list-style-type: none"> <li>1. Dr. Cipta Endyana, ST., MT (Prodi Magister Inovasi Regional)</li> <li>2. Dra. Mudiwati Rahmatunnisa, MA., PhD. (Prodi Magister Inovasi Regional)</li> </ol>
9	<ol style="list-style-type: none"> <li>1. Cleland, D. I. and Ireland, L. R. (2004) Project Manager's Portable Handbook (Book)., Project Management Journal.</li> <li>2. Kerzner, H. (2014) Project Management Best Practices: Achieving Global Excellence, Project Management Best Practices: Achieving Global Excellence. doi: 10.1002/9781118835531.</li> <li>3. Munns, A. K. and Bjeirmi, B. F. (1996) 'The role of project management in achieving project success', International Journal of Project Management, 14(2), pp. 81–87. doi: <a href="http://dx.doi.org/10.1016/0263-7863(95)00057-7">http://dx.doi.org/10.1016/0263-7863(95)00057-7</a>.</li> <li>4. Dalcher, D. (2004) Project Management, Project Management Journal. doi: 10.1016/S0263-7863(97)83206-1.</li> <li>5. Project Management Institute (2013) A guide to the project management body of knowledge (PMBOK® guide), Project Management Institute. doi: 10.1002/pmj.20125.</li> <li>6. Leach, L. P. (1999) 'Critical chain project management improves project performance', Project Management Journal, 30(2), pp. 39–51. doi: 10.3102/00346543067001043.</li> <li>7. Some videos on youtube and additional readings</li> </ol>