

## Business Administration Interest

Name: Philosophy of Science and Research Methodology 3 sks					
module/course code	Student workload	Credits (ECTS)	Semester	Frequency	Duration
IAF91001	510 (minutes/week)	4.53. ECTS	Semester 1	Semester Odds	1x per semester
	Types of courses:  Lectures, Discussions,	Contact hours: 150 minutes/week		Independent study  360 minutes/week	Class size X students  10 students
1	Prerequisites for participation -				
2	Learning Outcomes: <ol style="list-style-type: none"> <li>1. Students have a good understanding and true sincerity about the philosophy of science and research methodology</li> <li>2. Students have high curiosity in developing research methods</li> <li>3. Students have skills in applying research methods</li> <li>4. After taking this course, students are expected to be able to analyze the assumptions of the philosophy of science</li> <li>5. After taking this course, students are expected to be able to analyze the paradigm of the philosophy of science</li> <li>6. After taking this course, students are expected to be able to develop a research roadmap with a choice of philosophy of science paradigm</li> <li>7. After taking this course, it is hoped that students will be able to conceptualize, design and implement the choice of philosophy of science paradigm in research and methods that are relevant to the development of the studies being carried out</li> <li>8. After taking this course, students are expected to be able to justify scientific 'truth' in accordance with the choice of paradigm and research method in accordance with the studies conducted.</li> </ol>				
3	Description This course discusses how to build and explore a philosophy of science and research methodology. Broadly speaking, this course is divided into four subjects, namely: philosophy of science, quantitative paradigm, qualitative paradigm and mixed method paradigm.				
4	Subject aims/Content: <ol style="list-style-type: none"> <li>1. Exploring the essence of the philosophy of science</li> <li>2. Exploring science and research paradigms</li> <li>3. Building theories, concepts and quantitative research variables</li> <li>4. Build a hypothesis</li> <li>5. Select and apply research methods</li> <li>6. Analyzing quantitative data</li> <li>7. Exploring penomenological research</li> <li>8. Exploring grounded theoretical research</li> <li>9. Exploring ethnographic research</li> <li>10. Explore case study research</li> </ol>				

	<ul style="list-style-type: none"> <li>11. Building a mixed method design (Mixed Method)</li> <li>12. Building a way of collecting data in mixed methods (Mixed Method)</li> <li>13. Building analysis and interpretation of data in mixed methods (Mixed Method)</li> <li>14. Building discussion and research conclusions with mixed methods (Mixed Method)</li> </ul>
5	Teaching methods: Lectures, discussion, group discussion
6	Assessment methods: Assignments, Mid-Term Exam, Final-Term Exam, Quiz
7	<p>Other information e.g. bibliographical references:</p> <ul style="list-style-type: none"> <li>1. Burrell, G and Morgan, G. 1979. Sociological Paradigms and Organizational Analysis. Heinemann Educational Books</li> <li>2. Creswell, J.W and Clark, VLP. 2017. Designing and Conducting Mixed Method Research. New York: SAGE Publications Inc.</li> <li>3. Creswell, J.W. and Poth, Cheryl N. 2018. Qualitative Inquiry &amp; Research Design: Choosing Among Five Approaches. London: SAGE Publications Inc.</li> <li>4. Dreyfus, Hubert L. and Wrathall, Mark A. 2006. A Companion to Phenomenology and Existentialism. United Kingdom: Blackwell Publishing.</li> <li>5. Locke, Karen. 2003. Grounded Theory in Management Research. London: SAGE Publications Inc.</li> <li>6. Meyers, Lawrence S., Gamst, Glenn, and Guarino, AJ. 2010. Applied Multivariate Research: Design and Interpretation. London: SAGE Publications Inc.</li> <li>7. Murchison, Julian M. 2010. Ethnography Essentials: Designing, Conducting and Presenting Your Research. USA: John Wiley and Son.</li> <li>8. Yin, Robert K. 2014. Case Study Research: Design and Methods. London: SAGE Publications Inc.</li> </ul>