

### Module Handbook

Module Name:	Research Methodology
Module Level:	Bachelor
Abbreviation, if applicable:	PNF497
Sub-heading, if applicable:	
Courses included in the module, if applicable:	
Semester/term:	1 / Fourth year
Module coordinator(s):	Prof. Dr. Djoko Agus Purwanto, Apt.
Lecturer(s):	Prof. Dr. Muhamad Zainuddin, Apt.
	Prof. Dr. Djoko Agus Purwanto, MS., Apt.
	Dr. Yunita Nita SSI., MSc., Apt.
	Prof. Dr.rer.nat. Mochammad Yuwono, MSi., Apt.
Language:	Bahasa Indonesia
Classification within the curriculum:	Compulsory Course/ <del>Elective Studies</del>
Teaching format/class hours per week during the semester:	50 minutes lectures, 13 lecture classes/semester
Workload:	Total 11 hours a semester
Credit Points:	1
Requirements:	
Learning goal/competencies:	<p>Knowledge</p> <ul style="list-style-type: none"> <li>- To understand the concept of research methodology.</li> </ul> <p>Skills</p> <ul style="list-style-type: none"> <li>- Honesty, discipline, paying attention.</li> </ul> <p>Competence</p> <ul style="list-style-type: none"> <li>- To understand and able to compose a good proposal for bachelor's thesis based on methodology of scientific research.</li> </ul>
Content:	Basic conceptual and practical in doing a good scientific research with emphasizing in quantitative approach and logico-hipotetico-empirico concept according to positivism view.
Study/exam achievements:	<p>Student are considered to be competent and pass if at least get 50% of maximum mark of the exams based learning.</p> <p>Final score is calculated as follow :</p> <p>40% Exam I + 40% Exam II + 20% Task</p> <p>Final index is defined as follow :</p> <p>A : <math>\geq 75</math>            AB : 70 – 74,9            B : 65 – 69,9            BC : 60 – 64,9            C : 55 – 59,9            D : 40 – 54,9            E : <math>&lt;40</math></p>
Forms of Media:	LCD projector, whiteboard, internet.
Literature:	1. Muhamad Zainuddin, Metodologi Penelitian, 2011, AUP.

	2. Hulley SB, Cummings SR, <i>Designing Clinic Research</i> , 1998, Baltimore: Williams & Wilkins.
	3. Fletcher RH, Wagner EH; <i>Clinical Epidemiology</i> , 1985; Baltimore: Williams & Wilkins.
	4. Montgomery DC, <i>Design and Analysis of Experiments</i> , 1990; John Willey & Sons, Inc.
Notes:	