

### Module Handbook

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| 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 (NA) is calculated as follow :<br/>40% Exam I + 40% Exam II + 20% Task</p> <p>Final index is defined as follow :</p> <p>A : <math>100 &gt; NA \geq 75</math><br/>           AB : <math>75 &gt; NA \geq 70</math><br/>           B : <math>70 &gt; NA \geq 65</math><br/>           BC : <math>65 &gt; NA \geq 60</math><br/>           C : <math>60 &gt; NA \geq 55</math><br/>           D : <math>55 &gt; NA \geq 50</math><br/>           E : <math>50 &lt; NA</math></p> |
| Forms of Media:   | LCD projector, whiteboard, internet.  |

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| 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:      |  |