

7.2.8. Research 3

Module designation	Research 3
Code, if applicable	PCIL 9452
Semester(s) in which the module is taught	4 th
Person responsible for the module	Head of Study Program; Promotor & Co-Promotor.
Language	<i>Indonesian and English</i>
Relation to curriculum	<i>Compulsory</i>
Teaching methods	<i>Progress Report, Presentation, Discussion.</i>
Type of teaching, contact hours	<ul style="list-style-type: none"> • Discussion with Principal Supervisor (32 hours, 2 hours weekly for 16 weeks) • Discussion with Co-Supervisor (32 hours, 2 weekly for 16 weeks) • Data analysis (128 hours, 8 hours weekly for 16 weeks) • Developing research result discussion (128 hours, 8 hours weekly for 16 weeks) • Preparing progress report (32 hours, 2 hours weekly for 16 weeks) • Preparing presentation materials (34 hours, 2.125 hours weekly for 16 weeks) • Developing dissertation report (64 hours, 4 hours weekly for 16 weeks) <p>Total hours in 1 semester = 450 hours</p>
Workload	<ul style="list-style-type: none"> • Regular meeting with Supervisors and Co-supervisor • Validating research data • Developing analysis • Developing result and discussion • Preparing progress report
Laboratory Work	Students taking this course have the chance to utilize the laboratory within the Diponegoro University according to each student's research needs
Credit points	<i>5 SKS which equivalent to 18 ECTS</i>
Requirements according to the examination regulations	<i>Participate in monitoring and evaluating progress of the preparation of the dissertation organized by the Study Program; Collecting of portfolio of progress report for dissertation.</i>

Required and recommended prerequisites for joining the module	<i>Existing competencies in data analysis and scientific writing.</i>
Module objectives/intended learning outcomes	<ul style="list-style-type: none"> - <i>Able to display research results visually and in writing.</i> - <i>Able to perform data analysis of scientific research results.</i> - <i>Able to draw conclusions on research results.</i>
Content	<i>Primary and secondary data collection; Presentation of data in the form of tables and graphs; Research data processing; Analysis of data processing results; Compilation of conclusions on the dissertation; Portfolio of progress reports of the dissertation draft.</i>
Exams and assessment formats	<i>Mid-semester progress report assessment, complete dissertation draft, eligibility test.</i>
Study and examination requirements	<p><i>Requirements for successfully passing the module</i></p> <p><i>The final grade in the module is composed of 70% performance on complete draft dissertation, 30% performance on the eligibility test. Students must submit a complete dissertation draft and are required to take the eligibility test as a minimum achievement to pass.</i></p>
Reading list	<p>Modul of Writing Dissertation DES</p> <p>Allison, B., & Race, P. (2004). The student's guide to preparing dissertations and theses. Routledge.</p> <p>Arrows, F. (2008). The authentic dissertation. London: Routledge.</p> <p>Joyner, R. L., Rouse, W. A., & Glatthorn, A. A. (2018). Writing the winning thesis or dissertation: A step-by-step guide. Corwin press.</p> <p>Ramlaul, A. (2020). Dissertation Structure and Presentation. In Medical Imaging and Radiotherapy Research: Skills and Strategies (pp. 363-380). Springer, Cham.</p>