

Module Descriptions

A **module** is a self-contained **learning unit** within a higher education program that includes thematically related courses and is assigned a **fixed number of credits**. It follows specific **learning objectives**, includes an **assessment component**, and contributes to achieving the qualifications of a degree program. In some countries, “modules” are also named “courses”.

Please provide a module description for each module. In addition to the compulsory and elective modules, this also includes credited internships and the final thesis.

Please summarize all module descriptions in one document (Module Handbook) and create a table of contents so that the modules can be found easily.

Module designation	<i>Thesis Proposal</i>
Semester(s) in which the module is taught	<i>1</i>
Person responsible for the module	<i>Prof. Dr. Jailani M.Pd.</i> <i>Prof. Dr. Drs. Sugiman M.Si.</i> <i>Prof. Dr. Kana Hidayati M.Pd.</i> <i>Dr. Dra. Elly Arliani M.Si.</i> <i>Dr. Atmini Dhoruri M.S.</i> <i>Dr. Ali Mahmudi M.Pd.</i> <i>Dr. Dra. Raden Rosnawati M.Si.</i> <i>Dr. Dra. Mathilda Susanti M.Si.</i>
Language	<i>Indonesian.</i>
Relation to curriculum	<i>Compulsory.</i>
Teaching methods	<i>Discussion and Presentation.</i>
Workload (incl. contact hours, self-study hours)	<i>Total workload is 136 hours per semester which consists of 150 minutes lectures, 180 minutes structured activities, and 180 minutes self study per week for 16 weeks.</i>
Credit points	<i>3</i>
Required and recommended prerequisites for joining the module	<i>-</i>

Module objectives/intended learning outcomes	After taking this course the students have ability to: CO1. Explaining the principles of academic writing. CO2. Carrying out the selection of a research topic, writing the introduction, developing the theoretical framework, formulating the research methodology, compiling references, and designing research instruments. CO3. Developing and writing the Introduction section of a research paper, which includes: (a) Formulating the problem identification and the background of the study, (b) Developing the research questions and objectives, (c) Constructing the research title, and (d) Elaborating and organizing the conceptual framework of the study. CO4. Developing the Theoretical Review section, which includes: (a) Exploring and managing legally formal references, (b) Normative hypothesis references, (c) Normative empirical references, and (d) Empirical references to construct the theoretical foundation/literature review. CO5. Mastering research methodology, which includes: (a) Research design, (b) Instrument development, (c) Instrument validation, (d) Data collection techniques, and (e) Data analysis techniques.
Content	This course discusses proposal writing, with a focus on developing a well-structured and appropriate research proposal that can serve as a reference for a research plan.
Examination forms	Presentations and written tests.
Study and examination requirements	The course assessment is divided into two main components: 1. Cognitive Assessment (50%) This includes the following elements: ○ Attendance: 5% ○ Quiz: 5% ○ Assignment: 5% ○ Midterm Exam (UTS): 15% ○ Final Exam (UAS): 20% 2. Participatory Assessment (50%) This includes: ○ Case Study: 10% ○ Team-Based Project: 40% Total: 100%
Reading list	1. Pedoman Thesis FMIPA UNY 2. Arliani, E., Hidayati, K., Jailani, & Retnawati, H. (2022). Studi tentang literasi numerasi matematika siswa SMP. 3. Arliani, E., & Rahmawati, A. S. (2023). Analisis cognitive dissonance siswa SMP kelas VIII ditinjau dari kemampuan pemecahan masalah dan berpikir kritis matematis

