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Module designation	Undergraduate Thesis
Module-level, if applicable	Undergraduate
Code, if applicable	PIPAUM6100
Subtitle, if applicable	-
Courses, if applicable	-
Semester(s) in which the module is taught	Even/Autumn Term
Person responsible for the module	Dr. Munzil, M.Si
Lecturer	Dr. Munzil, M.Si
Language	Bahasa Indonesia
Relation to curriculum	Compulsory, 8 th semester.
Type of teaching, contact hours	Problem-based learning, discussion, presentation: 4 x 100 = 400 minutes.
Workload	1. Class Activities: 4 x 100 = 400 minutes (6.7 hours) per week. 2. Private study: 4 x 70 = 280 minutes (2.3 hours) per week
Credit points	4 credit points (~7.28 ECTS cr-eq)
Requirements according to the examination regulations	The minimum of attendance is 80% for a semester
Recommended prerequisites	PIPAUM6409 – Science Education Seminar
Module objectives/intended learning outcomes	After completing this module, students are expected to: LO 7: analyze science learning problems and mastering learning diagnostic tools, methods, and data analysis using information technology in science education research and communicate the result based on scientific principles using the transdisciplinary approach.
Content	This course covers the following four main topics: 1) Finding, formulating problems, and examining theoretically along with choosing the appropriate problem-solving method, 2) Developing research instrument and conducting research, 3) Conducting data analysis and writing the report,

	and 4) Communicating the research result in the form of thesis defense and writing the research result in a journal.
Study and examination requirements and forms of examination	Assignment, Product, Report, Thesis
Media employed	Slide Show, Video, White Board, and Moodle (SIPEJAR)
Reading list	<ol style="list-style-type: none"> 1. Saukah, A. 2017. Pedoman Penulisan Karya Ilmiah. Malang: UM Press. 2. Journals published in the last 10 years.
Date of last amendment made	May, 2020