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Module designation	Science Education Seminar
Module-level, if applicable	Undergraduate
Code, if applicable	PIPAUM6409
Subtitle, if applicable	-
Courses, if applicable	-
Semester(s) in which the module is taught	Odd/Spring Term
Person responsible for the module	Dr. Munzil, M.Si
Lecturer	Dr. Munzil, M.Si Vita Ria Mustikasari, S.Pd, M.Pd
Language	Bahasa Indonesia
Relation to curriculum	Compulsory, 7 th semester.
Type of teaching, contact hours	Problem-based learning, discussion, presentation: 2 x 100 = 200 minutes.
Workload	1. Class Activities: 2 x 100 = 200 minutes (3.3 hours) per week. 2. Private study: 2 x 70 = 140 minutes (2.3 hours) per week
Credit points	2 credit points (~3.17 ECTS cr-eq)
Requirements according to the examination regulations	The minimum of attendance is 80% for a semester
Recommended prerequisites	PIPAUM6407 – Methodology of Science Education Research
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 two main topics: 1) Educational research and 2) Multimedia

Study and examination requirements and forms of examination	Assignment, Midterm, Final Examination, Product
Media employed	Slide Show, Video, White Board, and Moodle (SIPEJAR)
Reading list	<ol style="list-style-type: none"> 1. Vijay K. Vaishnavi. 2008. Design Science Research Methods and Patterns. Auerbach Publications. New York 2. Creswell, John. 2012. Educational Research - Planning, Conducting, and Evaluating Quantitative and Qualitative Research. New York: National Academic Press. 3. Holly, M. L. 2005. Action Research for Teachers: Traveling the Yellow Brick Road. New York: Prentice Hall. 4. Lammers, W. J. & Badia, P. 2004. Fundamentals of Behavioral Research (with InfoTrac) (1st edition). New York: Wadsworth Publishing. 5. Mertler, C. A. & Charles, C. M. 2010. Introduction to Educational Research (7th edition). New York: Prentice Hall.
Date of last amendment made	May, 2020