

Module designation	Curriculum and Design of Integrated Science Learning
Module level, if applicable	Undergraduate
Code, if applicable	PIPAUM6404
Subtitle, if applicable	-
Courses, if applicable	-
Semester(s) in which the module is taught	Odd/Spring Term
Person responsible for the module	Erni Yulianti, S.Pd., M.Sc
Lecturer	Erni Yulianti, S.Pd., M.Pd
Language	Bahasa Indonesia
Relation to curriculum	Undergraduate degree program, compulsory, 5th semester.
Type of teaching, contact hours	Undergraduate degree program: cooperative learning, presentation 3 x 50 = 150 minutes
Workload	1. Lectures: 3 x 50 = 150 minutes (2.5 hours) per week. 2. Exercises and Assignments: 3 x 60 = 180 minutes (3 hours) per week. 3. Private study: 3 x 60 = 180 minutes (3 hours) per week.
Credit points	3 credit points (~4.76 ECTS-eq)
Requirements according to the examination regulations	A student must have attended at least 80% of the lectures to sit in the exams.
Recommended prerequisites	-
Module objectives/intended learning outcomes	After completing this module, students are expected to: LO6: master developmental psychology and learning theories to design, implement, and evaluate innovative and productive science learning oriented to develop students' capability and adaptability towards curriculum, technology, and environmental changes along with the upholding of social sensitivity, cultural, view, and religious diversity.
Content	This course covers the following three main topics: 1) Curriculum; objectives and SKL IPA SMP, identification of science learning problems, 2) Learning strategies; integrated science learning principles, integrated science learning characteristics, science learning approaches and methods, integrated science learning models (K-2013), 3) learning design; Types of material integration (integrated, connected, share, webbed), development of IPKD learning

	indicators, 4) Teaching materials; essential concept map based on KD IPA SMP
Study and examination requirements and forms of examination	Assignment, Quiz, Midterm examination, Project
Media employed	LCD, power point, white board, video and moodle (Sipejar)
Reading list	<ol style="list-style-type: none"> 1. Chiappetta, E. L. & Koballa, T. R. 2014. <i>Science Instruction in the Middle and Secondary Schools: Developing Fundamental Knowledge and Skills</i> (8th edition). New York: Allyn & Bacon. 2. Joyce, B. R. & Weil, M. 2009. <i>Models of Teaching</i> (8th edition). New York: Allyn & Bacon. 3. Kementerian Pendidikan dan Kebudayaan. 2013. <i>Modul Pelatihan Implementasi Kurikulum 2013</i>. Jakarta: Kementerian Pendidikan dan Kebudayaan. 4. Kementerian Pendidikan dan Kebudayaan. 2013. <i>Kompetensi Dasar Sekolah Menengah Pertama (SMP)/Madrasah Tsanawiyah (MTs)</i>. Jakarta: Kementerian Pendidikan dan Kebudayaan. 5. Marzano, R. J., Frontier, T. & Livingston, D. 2011. <i>Effective Supervision Supporting the Art and Science of Teaching</i>. Alexandria, Virginia: ASCD. 6. Martinello, M. L. 2000. <i>Interdisciplinary Inquiry in Teaching and Learning</i>. New York: Prentice Hall.
Date of last amendment made	May, 2020