
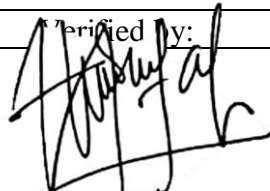





Faculty of Natural Sciences and Mathematics  
Chemistry Department  
Chemistry Education Study Program

Module name		Research Methodology		
Module level, if applicable		3 <sup>rd</sup> Year		
Code, if applicable		SPK-536		
Semester(s) in which the module is taught		5 <sup>th</sup> semester		
Person responsible for the module		Artina Diniaty, M.Pd.		
Lecturer		Krisna Merdekawati, M.Pd.		
Language		Bahasa Indonesia		
Relation to curriculum		Compulsory		
Teaching methods	Class size	Forms of active participation	Workload: 91 hours	
Cooperative Learning	50-60	Discussion	Lecture: 100 (min) x 16 (meeting)	27 hours
			Assignment: 120 (min) x 16 (week)	32 hours
			Independent study: 120 (min) x 16 (week)	32 hours
ECTS credit		3.25		
Credit points		2 SCU		
Requirements according to the examination regulations		Minimum attendance at lectures is 75% (according to UII regulation)		
Recommended prerequisites		N/A		
Related course		-		
Module objectives/intended learning outcomes		On successful completion of the course students should be able to: 1. Students can explain the basic concepts of research 2. Students can identify problems in chemistry education 3. Students can study problems in chemistry education and formulate them into problems in research 4. Students are able to determine the type of research 5. Students are able to prepare research proposals		
Content		<ul style="list-style-type: none"><li>Types of research</li><li>Research steps based on the concept of scientific methodology</li></ul>		
		Final score (NA) is calculated as follows:		

Study and examination requirements and forms of examination	Intended learning outcomes	Weight (%)	Technique of assessment
	1	5	Written test (midterm)
	2	5	Written test (midterm)
	3	5	Written test (midterm)
	4	5	Written test (midterm)
	5	80	Project Test (Final Examination)
Media employed	Power point slide presentation, video, Google classroom		
Reading list	Sukardi, Prof, Ph.D, 2017, Metodologi Penelitian Pendidikan: Kompetensi dan Praktiknya, Bumi Aksara, Jakarta.		

Prepared by:	Verified by:	Authorized by:
		
Person responsible for the module	Student representative	Coordinator Program