UNIVERSITAS NEGERI YOGYAKARTA
BIOLOGY EDUCATION
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Bachelor of Education in Biology	***MODULE HANDBOOK***

Module name:	Workshop on writing research article and poster
Module level, if applicable:	5
Code:	BIP 6253
Sub-heading, if applicable:	-
Classes, if applicable:	-
Semester:	5
Module coordinator:	Dr. Slamet Suyanto
Lecturer(s):	Dr. Slamet Suyanto
Language:	Indonesian
Classification within the curriculum:	Elective course
Teaching format / class hours per week during the semester:	100 minutes lectures, 120 minutes structured activities, and 120 minutes individual study per week
Workload:	Total workload is 91 hours per semester which consists of 100 minuteslectures, 120 minutes structured activities, and 120 minutes individual study per weekfor 16 weeks.
Credit points:	2 sks (3 ects)
Prerequisites course(s):	
Program Learning Outcome(s)	PLO 9. Mastering the research methods in biology education as well as its applications. PLO 10. Being able to communicate and collaborate well both verbally and non-verbally.
Targeted learning outcomes:	At the end of this course, students are able to: CO 1. Use quantitative research designs in biology and biology education CO 2. Use qualitative research designs in biology and biology education CO 3. Write scientific article CO 4. Develop scientific poster CO 5. Use writing article management (Mendeley)
Content:	1. Quantitative research design in biology education 2. qualitative research designs in biology education 3. Write scientific article 4. Scientific poster 5. writing article management (Mendeley)

Study / exam achievements:	Examination aspects	Worth (%)
	Participation	10
	Assignments	60
	- writing a research design	20
	- Writing article	20
	- Developing a poster	20
	Examinations	30
	- Test	
	Total	100%
Forms of media:		
References:	A. Creswell, John W. (2014). Research design : qualitative, quantitative, and mixed methods approaches (4th ed.). Thousand Oaks: SAGE Publications. ISBN 978-1-4522-2609-5. B. Muaz, Jalil Mohammad (2013), Practical Guidelines for conducting research. Summarizing good research practice in line with the DCED Standard C. Robson, C. (1993). Real-world research: A resource for social scientists and practitioner-researchers. Malden: Blackwell Publishing. D. Creswell, J.W. (2012). Educational research: Planning, conducting, and evaluating quantitative and qualitative research. Upper Saddle River, NJ: Prentice Hall. E. Robert J. Coe, et al. 2017. **Research Methods and Methodologies in Education**. London: Sage Publication.	

PLO AND CO MAPPING

	PLO1	PLO2	PLO3	PLO4	PLO5	PLO6	PLO7	PLO8	PLO9	PLO10	PLO11	PLO12
CO1									√			
CO2									√			
CO3									√	√		
CO4									√	√		