



Universitas Negeri Surabaya
Faculty of Mathematics and Natural Sciences
Science Education Doctoral Study Program

Document Code

SEMESTER LEARNING PLAN

Courses	CODE	Course Family	Credit Weight			SEMESTER	Compilation Date																																																																																			
International Publications	8400105061	Compulsory Study Program Subjects	T=5	P=0	ECTS=12.6	2	January 10, 2023																																																																																			
AUTHORIZATION		SP Developer	Course Cluster Coordinator			Study Program Coordinator																																																																																				
		Prof. Dr. Budi Jatmiko, M.Pd.	Prof. Dr. Budi Jatmiko, M.Pd.			Prof. Dr. Suyatno, M.Si.																																																																																				
Learning model	Project Based Learning																																																																																									
Program Learning Outcomes (PLO)	PLO study program which is charged to the course																																																																																									
	PLO-8	2. Able to prepare scientific arguments and solutions based on a critical view of facts, concepts, principles or theories that can be justified scientifically and academically, and communicate them through scientific publications in reputable international journals																																																																																								
	PLO-12	2. Master the latest theories related to scientific knowledge and science education																																																																																								
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	PLO-PO Matrix																																																																																									
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Short Course Description	This course facilitates students for independent study to write manuscripts/articles resulting from research together with dissertation supervisors to be published in reputable international scientific journals in the field of education that have state of the art, adapt formats/templates and instructions for writing scientific journals for publication, can be done through process: submitted, revised, and accepted, until published																																																																																									
References	Main :																																																																																									
		1. Artikel Jurnal terkait penelitian Pendidikan Sains-Fisika yang relevan berbasis database Bereputasi (Web of Science dan Scopus).																																																																																								
	Supporters:																																																																																									

Supporting lecturer		Prof. Dr. Achmad Lutfi, M.Pd. Prof. Dr. Budi Jatmiko, M.Pd. Prof. Dr. Suyatno, M.Si. Dr. Eko Hariyono, S.Pd., M.Pd. Prof. Nadi Suprpto, S.Pd., M.Pd., Ph.D. Dr. Binar Kurnia Prahani, S.Pd., M.Pd.					
Week	Final abilities of each learning stage (Sub-PO)	Evaluation		Help Learning, Learning methods, Student Assignments, [Estimated time]		Learning materials [References]	Assessment Weight (%)
		Indicator	Criteria & Form	Offline (offline)	Online (online)		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1	1.Create manuscripts/articles from the results of research/dissertations in the field of education. 2.Develop scientific work in the form of manuscripts/articles that are suitable for publication in reputable international journals.	How to Create-Publish in Qualified Journal	Criteria: Based on the assessment rubric that has been created by the teaching lecturer Form of Assessment : Project Results Assessment / Product Assessment	Flip learning and discussion 2 x 50 minutes		Material: Create-Publish in Qualified Journal Library:	10%
2	1.Create manuscripts/articles from the results of research/dissertations in the field of education 2.Develop scientific work in the form of manuscripts/articles that are suitable for publication in reputable international journals.	How to Create-Publish in Qualified Journal	Criteria: Based on the assessment rubric that has been created by the teaching lecturer Form of Assessment : Project Results Assessment / Product Assessment	Flip Learning and Discussion 2 x 50 minutes		Material: Create-Publish in Qualified Journal Library:	10%
3	1.Create manuscripts/articles from the results of research/dissertations in the field of education. 2.Develop scientific work in the form of manuscripts/articles that are suitable for publication in reputable international journals.	How to Create-Publish in Qualified Journal	Criteria: Based on the assessment rubric that has been created by the teaching lecturer Form of Assessment : Project Results Assessment / Product Assessment	Flip Learning and Discussion 2 x 50 minutes		Material: Create-Publish in Qualified Journal Library:	10%
4	1.Create manuscripts/articles from the results of research/dissertations in the field of education. 2.Develop scientific work in the form of manuscripts/articles that are suitable for publication in reputable international journals.	Creating an Introduction to a Scientific Article	Criteria: Based on the assessment rubric that has been created by the teaching lecturer Form of Assessment : Project Results Assessment / Product Assessment	Flip Learning and Discussion 2 x 50 minutes		Material: Introduction to Scientific Articles Bibliography:	10%
5	1.Create manuscripts/articles from the results of research/dissertations in the field of education. 2.Develop scientific work in the form of manuscripts/articles that are suitable for publication in reputable international journals.	Creating Research Methods for Scientific Articles	Criteria: Based on the assessment rubric that has been created by the teaching lecturer Form of Assessment : Project Results Assessment / Product Assessment	Flip learning and discussion 2 x 50 minutes		Material: Research Methods Scientific Articles Literature:	10%

6	<p>1.Create manuscripts/articles from the results of research/dissertations in the field of education.</p> <p>2.Develop scientific work in the form of manuscripts/articles that are suitable for publication in reputable international journals.</p>	Creating Results and Discussion of Scientific Articles	<p>Criteria: Based on the assessment rubric that has been created by the teaching lecturer</p> <p>Form of Assessment : Project Results Assessment / Product Assessment</p>	Flip Learning and Discussion 2 x 50 minutes		<p>Material: Results and Discussion of Scientific Articles Literature:</p>	10%
7	<p>1.Create manuscripts/articles from the results of research/dissertations in the field of education.</p> <p>2.Develop scientific work in the form of manuscripts/articles that are suitable for publication in reputable international journals.</p>	Creating Results and Discussion of Scientific Articles	<p>Criteria: Based on the assessment rubric that has been created by the teaching lecturer</p> <p>Form of Assessment : Project Results Assessment / Product Assessment</p>	Flip Learning and Discussion 2 x 50 minutes		<p>Material: Results and Discussion of Scientific Articles Literature:</p>	10%
8	Final Capabilities from TM-1 to TM-7	TM-1 indicators up to TM-7 indicators	<p>Criteria: Based on the assessment rubric that has been created by the teaching lecturer</p> <p>Form of Assessment : Project Results Assessment / Product Assessment</p>	Written test or giving substitute assignments for UTS 2 x 50 minutes		<p>Material: Learning topics from TM-1 to TM-7 Library:</p>	10%
9	Publish research results in nationally accredited scientific journals or international journals	Publish manuscripts that have been created in nationally accredited scientific journals or international journals	<p>Criteria: Based on the assessment rubric that has been created by the teaching lecturer</p> <p>Form of Assessment : Project Results Assessment / Product Assessment</p>	Flip Learning and Discussion 2 x 50 minutes		<p>Material: Publications in nationally accredited scientific journals or international journals References:</p>	2%
10	Publish research results in nationally accredited scientific journals or international journals	Publish manuscripts that have been created in nationally accredited scientific journals or international journals	<p>Criteria: Based on the assessment rubric that has been created by the teaching lecturer</p> <p>Form of Assessment : Project Results Assessment / Product Assessment</p>	Flip Learning and Discussion 2 x 50 minutes		<p>Material: Publications in nationally accredited scientific journals or international journals References:</p>	2%
11	Publish research results in nationally accredited scientific journals or international journals	Publish manuscripts that have been created in nationally accredited scientific journals or international journals	<p>Criteria: Based on the assessment rubric that has been created by the teaching lecturer</p> <p>Form of Assessment : Project Results Assessment / Product Assessment</p>	Flip Learning and Discussion 2 x 50 minutes		<p>Material: Publications in nationally accredited scientific journals or international journals References:</p>	2%

12	Publish research results in nationally accredited scientific journals or international journals	Publish manuscripts that have been created in nationally accredited scientific journals or international journals	Criteria: Based on the assessment rubric that has been created by the teaching lecturer Form of Assessment : Project Results Assessment / Product Assessment	Flip Learning and Discussion 2 x 50 minutes		Material: Publications in nationally accredited scientific journals or international journals References:	2%
13	Publish research results in nationally accredited scientific journals or international journals	Publish manuscripts that have been created in nationally accredited scientific journals or international journals	Criteria: Based on the assessment rubric that has been created by the teaching lecturer. Attached Form of Assessment : Project Results Assessment / Product Assessment	Flip learning and discussion 2 x 50 minutes		Material: Publications in nationally accredited scientific journals or international journals References:	2%
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15	Publish research results in nationally accredited scientific journals or international journals	Publish manuscripts that have been created in nationally accredited scientific journals or international journals	Criteria: Based on the assessment rubric that has been created by the teaching lecturer Form of Assessment : Project Results Assessment / Product Assessment	Flip Learning and Discussion 2 x 50 minutes		Material: Publications in nationally accredited scientific journals or international journals References:	2%
16	Final Capabilities from TM-9 to TM-15	Scientific articles have been submitted and published in reputable international journals	Criteria: Based on the assessment rubric that has been created by the teaching lecturer Form of Assessment : Project Results Assessment / Product Assessment	Written test or giving substitute assignments for UAS 2 x 50 minutes		Material: Learning topics from TM-9 to TM-15 Library:	6%

Evaluation Percentage Recap: Project Based Learning

No	Evaluation	Percentage
1.	Project Results Assessment / Product Assessment	100%
		100%

Notes

- Learning Outcomes of Study Program Graduates (PLO - Study Program)** are the abilities possessed by each Study Program graduate which are the internalization of attitudes, mastery of knowledge and skills according to the level of their study program obtained through the learning process.
- The PLO imposed on courses** are several learning outcomes of study program graduates (CPL-Study Program) which are used for the formation/development of a course consisting of aspects of attitude, general skills, special skills and knowledge.
- Program Objectives (PO)** are abilities that are specifically described from the PLO assigned to a course, and are specific to the study material or learning materials for that course.

4. **Subject Sub-PO (Sub-PO)** is a capability that is specifically described from the PO that can be measured or observed and is the final ability that is planned at each learning stage, and is specific to the learning material of the course.
5. **Indicators for assessing** abilities in the process and student learning outcomes are specific and measurable statements that identify the abilities or performance of student learning outcomes accompanied by evidence.
6. **Assessment Criteria** are benchmarks used as a measure or measure of learning achievement in assessments based on predetermined indicators. Assessment criteria are guidelines for assessors so that assessments are consistent and unbiased. Criteria can be quantitative or qualitative.
7. **Forms of assessment:** test and non-test.
8. **Forms of learning:** Lecture, Response, Tutorial, Seminar or equivalent, Practicum, Studio Practice, Workshop Practice, Field Practice, Research, Community Service and/or other equivalent forms of learning.
9. **Learning Methods:** Small Group Discussion, Role-Play & Simulation, Discovery Learning, Self-Directed Learning, Cooperative Learning, Collaborative Learning, Contextual Learning, Project Based Learning, and other equivalent methods.
10. **Learning materials** are details or descriptions of study materials which can be presented in the form of several main points and sub-topics.
11. **The assessment weight** is the percentage of assessment of each sub-PO achievement whose size is proportional to the level of difficulty of achieving that sub-PO, and the total is 100%.
12. TM=Face to face, PT=Structured assignments, BM=Independent study.