



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
Publication	8400103020	Compulsory Study Program Subjects	T=3	P=0	ECTS=7.56	7	June 20, 2022
AUTHORIZATION	SP Developer		Course Cluster Coordinator			Study Program Coordinator	
	Prof. Dr. Suyatno, M.Si.		Prof. Dr. Suyatno, M.Si.			Prof. Dr. Suyatno, M.Si.	

Learning model	Project Based Learning
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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
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PLO-12	2. Master the latest theories related to scientific knowledge and science education
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Program Objectives (PO)

PO - 1	Have logic, ethics, honesty, as well as a critical and open attitude in writing scientific publications
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PO - 2	Apply scientific concepts, theories and methodologies in producing scientific work.
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PO - 3	Presenting problem solving through inter, multi, and transdisciplinary approaches in the form of scientific papers.
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PO - 4	Manage, develop and decide on scientific publications in the field of science education responsibly.
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PLO-PO Matrix

	P.O	PLO-8	PLO-12																
	PO-1																		
	PO-2																		
	PO-3																		
	PO-4																		

PO Matrix at the end of each learning stage (Sub-PO)

	P.O	Week																	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16		
	PO-1																		
	PO-2																		
	PO-3																		
	PO-4																		

Short Course Description Equip students with the ability to write scientific papers and submit them until they are published in reputable international journals (indexed by Scopus or WoS) or international journals indexed by Copernicus International. In the publication carried out, the student's name must be the first author, include the name of the supervisor, include the affiliation of Surabaya State University, can be sourced from the dissertation, or material related to the dissertation.

References	Main :	
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1. Anwas, EOM dan Sugiarti, Y (2020). Strategi Menulis Artikel Jurnal Bereputasi. Bandung: PT Rosda Karya
2. Gastel, B & day, RA (2016). How to Write and Publish A Scientific Paper. California: Greenwood
3. Surat Edaran Direktorat Jenderal Pembelajaran dan Kemahasiswaan, Kemenristekdikti. No. B/323/B.B1/SE/2019 tentang Publikasi Karya Ilmiah Program Sarjana, Program Magister, dan Program Doktor
4. Surat Edaran Direktur Pascasarjana Unesa Nomor B/59704/UN38.8/TU.00.02/2019 tentang Pedoman Publikasi Karya Ilmiah Mahasiswa sebagai Persyaratan Yudisium
5. Tim (2022). Pedoman Penulisan Tesis dan Disertasi. Surabaya: Pascasarjana Unesa.

Supporters:

1. Artikel ilmiah dalam jurnal yang relevan dengan penelitian disertasi

Supporting lecturer Prof. Dr. Suyatno, M.Si.

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	Understand the provisions related to the publication of dissertation research results and publication strategies in reputable international journals	Accuracy in describing provisions related to the publication of dissertation research results and publication strategies in reputable 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>	Presentation, Discussion, Case method 3 x 50 minutes	Presentation, Discussion, Case Method 3 x 50 minutes	<p>Material: Publication provisions and publication strategies in reputable international journals.</p> <p>Reference: Anwas, EOM and Sugiarti, Y (2020). Strategies for Writing Reputable Journal Articles. Bandung: PT Rosda Karya</p>	5%
2	Able to compose the introductory part of a scientific article resulting from dissertation research	Accuracy in compiling the introductory part of a scientific article resulting from dissertation research	<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>	Presentation, Discussion, PjBL 3 x 50 minutes	Presentation, Discussion, PjBL 3 x 50 minutes	<p>Material: Writing the introductory part of a scientific article based on research.</p> <p>Reference: Gastel, B & Day, RA (2016). How to Write and Publish A Scientific Paper. California: Greenwood</p>	5%
3	Able to compose the introductory part of a scientific article resulting from dissertation research	Accuracy in compiling the introductory part of a scientific article resulting from dissertation research	<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>	Presentation, Discussion, PjBL 3 x 50 minutes	Presentation, Discussion, PjBL 3 x 50 minutes	<p>Material: Writing the introductory part of a scientific article resulting from research.</p> <p>References: Anwas, EOM and Sugiarti, Y (2020). Strategies for Writing Reputable Journal Articles. Bandung: PT Rosda Karya</p>	5%

4	Able to compose the research methods section of scientific articles resulting from dissertation research	Accuracy in compiling the research methods section of scientific articles resulting from dissertation research	<p>Criteria: Attached</p> <p>Form of Assessment : Project Results Assessment / Product Assessment</p>	Presentation, Discussion, PjBL 3 x 50 minutes	Presentation, Discussion, PjBL 3 x 50 minutes	<p>Material: Writing the research methods section of a scientific article resulting from research.</p> <p>References: <i>Anwas, EOM and Sugiarti, Y (2020). Strategies for Writing Reputable Journal Articles. Bandung: PT Rosda Karya</i></p>	5%
5	Able to compose the research methods section of scientific articles resulting from dissertation research	Accuracy in compiling the research methods section of scientific articles resulting from dissertation research	<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>	Presentation, Discussion, PjBL 3 x 50 minutes	Presentation, Discussion, PjBL 3 x 50 minutes	<p>Material: Writing the research methods section of a scientific article resulting from research.</p> <p>Reference: <i>Team (2022). Guidelines for Writing Theses and Dissertations. Surabaya: Unesa Postgraduate.</i></p>	5%
6	Able to compile the research results and discussion sections of scientific articles resulting from dissertation research	Accuracy in compiling the research results and discussion sections of scientific articles resulting from dissertation research	<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>	Presentation, Discussion, PjBL 3 x 50 minutes	Presentation, Discussion, PjBL 3 x 50 minutes	<p>Material: Writing the research results section and discussion of scientific research articles.</p> <p>Reference: <i>Gastel, B & Day, RA (2016). How to Write and Publish A Scientific Paper. California: Greenwood</i></p>	5%
7	Able to compile the research results and discussion sections of scientific articles resulting from dissertation research	Accuracy in compiling the research results and discussion sections of scientific articles resulting from dissertation research	<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>	Presentation, Discussion, PjBL 3 x 50 minutes	Presentation, Discussion, PjBL 3 x 50 minutes	<p>Material: Writing research results and discussion sections of scientific research articles.</p> <p>Reference: <i>Anwas, EOM and Sugiarti, Y (2020). Strategies for Writing Reputable Journal Articles. Bandung: PT Rosda Karya</i></p>	5%

8	Able to compile conclusions and bibliography from scientific articles resulting from dissertation research	Accuracy in compiling the conclusions and bibliography of scientific articles resulting from dissertation research	<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>	Presentation, Discussion, PjBL 3 x 50 minutes	Presentation, Discussion, PjBL 3 x 50 minutes	<p>Material: Writing the conclusion and bibliography of scientific articles resulting from research. Library: <i>Team (2022). Guidelines for Writing Theses and Dissertations. Surabaya: Unesa Postgraduate.</i></p>	5%
9	Able to publish scientific articles resulting from dissertation research in reputable international journals and revise the results of article reviews from journal reviewers	Scientific articles have been submitted and published in reputable 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>	Presentation, Discussion, PjBL 3 x 50 minutes	Presentation, Discussion, PjBL 3 x 50 minutes	<p>Material: Strategy for submitting scientific articles in reputable international journals as well as article reviews from Pustaka journal reviewers: <i>Anwas, EOM and Sugiarti, Y (2020). Strategies for Writing Reputable Journal Articles. Bandung: PT Rosda Karya</i></p>	5%
10	Able to publish scientific articles resulting from dissertation research in reputable international journals and revise the results of article reviews from journal reviewers	Scientific articles have been submitted and published in reputable 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>	Presentation, Discussion, PjBL 3 x 50 minutes	Presentation, Discussion, PjBL 3 x 50 minutes	<p>Material: Strategy for submitting scientific articles in reputable international journals as well as article reviews from Pustaka journal reviewers: <i>Gastel, B & Day, RA (2016). How to Write and Publish A Scientific Paper. California: Greenwood</i></p>	5%

11	Able to publish scientific articles resulting from dissertation research in reputable international journals and revise the results of article reviews from journal reviewers	Scientific articles have been submitted and published in reputable 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>	Presentation, Discussion, PjBL 3 x 50 minutes	Presentation, Discussion, PjBL 3 x 50 minutes	<p>Material: Strategy for submitting scientific articles in reputable international journals as well as article reviews from Pustaka journal reviewers: <i>Anwas, EOM and Sugiarti, Y (2020). Strategies for Writing Reputable Journal Articles. Bandung: PT Rosda Karya</i></p>	5%
12	Able to publish scientific articles resulting from dissertation research in reputable international journals and revise the results of article reviews from journal reviewers	Scientific articles have been submitted and published in reputable 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>	Presentation, Discussion, PjBL 3 x 50 minutes	Presentation, Discussion, PjBL 3 x 50 minutes	<p>Material: Strategy for submitting scientific articles in reputable international journals as well as article reviews from Pustaka journal reviewers: <i>Anwas, EOM and Sugiarti, Y (2020). Strategies for Writing Reputable Journal Articles. Bandung: PT Rosda Karya</i></p>	5%
13	Able to publish scientific articles resulting from dissertation research in reputable international journals and revise the results of article reviews from journal reviewers	Scientific articles have been submitted and published in reputable 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>	Presentation, Discussion, PjBL 3 x 50 minutes	Presentation, Discussion, PjBL 3 x 50 minutes	<p>Material: Strategy for submitting scientific articles in reputable international journals as well as article reviews from Pustaka journal reviewers: <i>Gastel, B & Day, RA (2016). How to Write and Publish A Scientific Paper. California: Greenwood</i></p>	10%

14	Able to publish scientific articles resulting from dissertation research in reputable international journals and revise the results of article reviews from journal reviewers	Scientific articles have been submitted and published in reputable 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>	Presentation, Discussion, PjBL 3 x 50 minutes	Presentation, Discussion, PjBL 3 x 50 minutes	<p>Material: Strategy for submitting scientific articles in reputable international journals as well as article reviews from Pustaka journal reviewers: <i>Anwas, EOM and Sugiarti, Y (2020). Strategies for Writing Reputable Journal Articles. Bandung: PT Rosda Karya</i></p>	10%
15	Able to publish scientific articles resulting from dissertation research in reputable international journals and revise the results of article reviews from journal reviewers	Scientific articles have been submitted and published in reputable 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>	Presentation, Discussion, PjBL 3 x 50 minutes	Presentation, Discussion, PjBL 3 x 50 minutes	<p>Material: Strategy for submitting scientific articles in reputable international journals as well as article reviews from Pustaka journal reviewers: <i>Gastel, B & Day, RA (2016). How to Write and Publish A Scientific Paper. California: Greenwood</i></p>	10%
16	Able to publish scientific articles resulting from dissertation research in reputable international journals and revise the results of article reviews from journal reviewers	Scientific articles have been submitted and published in reputable 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>	Presentation, Discussion, PjBL 3 x 50 minutes	Presentation, Discussion, PjBL 3 x 50 minutes	<p>Material: Strategy for submitting scientific articles in reputable international journals as well as article reviews from Pustaka journal reviewers: <i>Gastel, B & Day, RA (2016). How to Write and Publish A Scientific Paper. California: Greenwood</i></p>	10%

Evaluation Percentage Recap: Project Based Learning

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

Notes

1. **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.

2. **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.
3. **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.