



**Universitas Negeri Surabaya**  
**Faculty of Mathematics and Natural Sciences**  
**Biology Education Undergraduate Study Program**

Document Code

**SEMESTER LEARNING PLAN**

<b>Courses</b>	<b>CODE</b>	<b>Course Family</b>	<b>Credit Weight</b>			<b>SEMESTER</b>	<b>Compilation Date</b>																																
E-Learning Development	8420503280		T=3	P=0	ECTS=4.77	8	July 18, 2024																																
<b>AUTHORIZATION</b>	<b>SP Developer</b>		<b>Course Cluster Coordinator</b>			<b>Study Program Coordinator</b>																																	
	.....		.....			Dr. Rinie Pratiwi Puspitawati, M.Si.																																	
<b>Learning model</b>	Project Based Learning																																						
<b>Program Learning Outcomes (PLO)</b>	PLO study program which is charged to the course																																						
	Program Objectives (PO)																																						
	PLO-PO Matrix																																						
		<table border="1" style="margin: auto;"> <tr> <td style="width: 100px; height: 30px;">P.O</td> </tr> </table>						P.O																															
	P.O																																						
PO Matrix at the end of each learning stage (Sub-PO)																																							
	<table border="1" style="margin: auto;"> <tr> <td rowspan="2" style="width: 30px; height: 30px;">P.O</td> <td colspan="16" style="text-align: center;">Week</td> </tr> <tr> <td style="width: 20px;">1</td> <td style="width: 20px;">2</td> <td style="width: 20px;">3</td> <td style="width: 20px;">4</td> <td style="width: 20px;">5</td> <td style="width: 20px;">6</td> <td style="width: 20px;">7</td> <td style="width: 20px;">8</td> <td style="width: 20px;">9</td> <td style="width: 20px;">10</td> <td style="width: 20px;">11</td> <td style="width: 20px;">12</td> <td style="width: 20px;">13</td> <td style="width: 20px;">14</td> <td style="width: 20px;">15</td> <td style="width: 20px;">16</td> </tr> </table>						P.O	Week																1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
P.O	Week																																						
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16																							
<b>Short Course Description</b>	This course discusses the principles of E-learning, its supporting factors and implementation principles to support current and future learning. The e-Learning developed is based on achieving learning objectives, both hard skills and soft skills.																																						
<b>References</b>	<b>Main :</b>																																						
	<b>Supporters:</b>																																						
<b>Supporting lecturer</b>	Dr. Rinie Pratiwi Puspitawati, 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 scope of e-learning courses	Know and understand the scope of the course	<b>Criteria:</b> 1.The assessment is carried out on the following aspects: 2.Participation during lectures is carried out through observing honest and independent attitudes. Student activities and responses during learning activities, especially practicums, are also assessed as participation, with a weight of 20% 3. Practical reports and products are assessed as ASSIGNMENTS with a weight of 30% 4. UTS weight 20% 5. US weight 30% 6.Essay questions are accessed jointly on UTS and US 7.Performance questions are integrated during learning	Discussion, presentation 3 X 50			0%
2	Understand the basic concepts of e-learning	Explains an introduction to e-learning	<b>Criteria:</b> 1.The assessment is carried out on the following aspects: 2.Participation during lectures is carried out through observing honest and independent attitudes. Student activities and responses during learning activities, especially practicums, are also assessed as participation, with a weight of 20% 3. Practical reports and products are assessed as ASSIGNMENTS with a weight of 30% 4. UTS weight 20% 5. US weight 30% 6.Essay questions are accessed jointly on UTS and US 7.Performance questions are integrated during learning	Discussion, presentation 3 X 50			0%

3	Understand aspects of e-learning and their influence on the success of e-learning implementation	1.Explain aspects of e-learning 2.explains the influence of e-learning on the success of e-learning implementation	<b>Criteria:</b> 1.The assessment is carried out on the following aspects: 2.Participation during lectures is carried out through observing honest and independent attitudes. Student activities and responses during learning activities, especially practicums, are also assessed as participation, with a weight of 20% 3. Practical reports and products are assessed as ASSIGNMENTS with a weight of 30% 4. UTS weight 20% 5. US weight 30% 6.Essay questions are accessed jointly on UTS and US 7.Performance questions are integrated during learning	Discussion, presentation 3 X 50			0%
4	Know the concept of e-learning readiness	Explain the concept of e-learning readiness	<b>Criteria:</b> 1.The assessment is carried out on the following aspects: 2.Participation during lectures is carried out through observing honest and independent attitudes. Student activities and responses during learning activities, especially practicums, are also assessed as participation, with a weight of 20% 3. Practical reports and products are assessed as ASSIGNMENTS with a weight of 30% 4. UTS weight 20% 5. US weight 30% 6.Essay questions are accessed jointly on UTS and US 7.Performance questions are integrated during learning	Discussion, group assignment 3 X 50			0%

5	Understand and analyze the level of e-learning readiness and its impact on higher education institutions.	<ol style="list-style-type: none"> <li>1.Explaining e-learning readiness and its impact on higher education</li> <li>2.analyze and formulate the level of e-learning readiness of higher education institutions</li> </ol>	<p><b>Criteria:</b></p> <ol style="list-style-type: none"> <li>1.The assessment is carried out on the following aspects:</li> <li>2.Participation during lectures is carried out through observing honest and independent attitudes. Student activities and responses during learning activities, especially practicums, are also assessed as participation, with a weight of 20%</li> <li>3. Practical reports and products are assessed as ASSIGNMENTS with a weight of 30%</li> <li>4. UTS weight 20%</li> <li>5. US weight 30%</li> <li>6.Essay questions are accessed jointly on UTS and US</li> <li>7.Performance questions are integrated during learning</li> </ol>	presentation, discussion, group assignment 3 X 50			0%
6	Know the concept of e-learning governance	Explain the concept of e-learning governance	<p><b>Criteria:</b></p> <ol style="list-style-type: none"> <li>1.The assessment is carried out on the following aspects:</li> <li>2.Participation during lectures is carried out through observing honest and independent attitudes. Student activities and responses during learning activities, especially practicums, are also assessed as participation, with a weight of 20%</li> <li>3. Practical reports and products are assessed as ASSIGNMENTS with a weight of 30%</li> <li>4. UTS weight 20%</li> <li>5. US weight 30%</li> <li>6.Essay questions are accessed jointly on UTS and US</li> <li>7.Performance questions are integrated during learning</li> </ol>	Discussion, presentation 3 X 50			0%

7	Understand, analyze and formulate e-learning governance and its application in higher education institutions	Understand the concept of e-learning governance. Understand e-learning governance and its application in higher education institutions	<b>Criteria:</b> 1.The assessment is carried out on the following aspects: 2.Participation during lectures is carried out through observing honest and independent attitudes. Student activities and responses during learning activities, especially practicums, are also assessed as participation, with a weight of 20% 3. Practical reports and products are assessed as ASSIGNMENTS with a weight of 30% 4. UTS weight 20% 5. US weight 30% 6.Essay questions are accessed jointly on UTS and US 7.Performance questions are integrated during learning	Discussion, presentation, group assignment 3 X 50			0%
8	UTS	UTS	<b>Criteria:</b> UTS	UTS 3 X 50			0%
9	Understand the concept of e-learning evaluation	Explain the concept of e-learning evaluation	<b>Criteria:</b> 1.The assessment is carried out on the following aspects: 2.Participation during lectures is carried out through observing honest and independent attitudes. Student activities and responses during learning activities, especially practicums, are also assessed as participation, with a weight of 20% 3. Practical reports and products are assessed as ASSIGNMENTS with a weight of 30% 4. UTS weight 20% 5. US weight 30% 6.Essay questions are accessed jointly on UTS and US 7.Performance questions are integrated during learning	Discussion, presentation, group study 3 X 50			0%

10	Understand, analyze and formulate e-learning evaluations of higher education institutions	Explaining e-learning evaluations of higher education institutions. Analyzing and formulating e-learning evaluations of higher education institutions.	<b>Criteria:</b> 1. The assessment is carried out on the following aspects: 2. Participation during lectures is carried out through observing honest and independent attitudes. Student activities and responses during learning activities, especially practicums, are also assessed as participation, with a weight of 20% 3. Practical reports and products are assessed as ASSIGNMENTS with a weight of 30% 4. UTS weight 20% 5. US weight 30% 6. Essay questions are accessed jointly on UTS and US 7. Performance questions are integrated during learning	Discussion, presentation, group study 3 X 50			0%
11	Knowing the learning system	explain the learning system	<b>Criteria:</b> 1. The assessment is carried out on the following aspects: 2. Participation during lectures is carried out through observing honest and independent attitudes. Student activities and responses during learning activities, especially practicums, are also assessed as participation, with a weight of 20% 3. Practical reports and products are assessed as ASSIGNMENTS with a weight of 30% 4. UTS weight 20% 5. US weight 30% 6. Essay questions are accessed jointly on UTS and US 7. Performance questions are integrated during learning	Discussion, 3 X 50			0%

12	Know the traditional learning process	Explains the traditional learning process	<b>Criteria:</b> 1.The assessment is carried out on the following aspects: 2.Participation during lectures is carried out through observing honest and independent attitudes. Student activities and responses during learning activities, especially practicums, are also assessed as participation, with a weight of 20% 3. Practical reports and products are assessed as ASSIGNMENTS with a weight of 30% 4. UTS weight 20% 5. US weight 30% 6.Essay questions are accessed jointly on UTS and US 7.Performance questions are integrated during learning	Discussion 3 X 50			0%
13	Understanding and formulating blended learning for higher education institutions	Explain and formulate blended learning	<b>Criteria:</b> 1.The assessment is carried out on the following aspects: 2.Participation during lectures is carried out through observing honest and independent attitudes. Student activities and responses during learning activities, especially practicums, are also assessed as participation, with a weight of 20% 3. Practical reports and products are assessed as ASSIGNMENTS with a weight of 30% 4. UTS weight 20% 5. US weight 30% 6.Essay questions are accessed jointly on UTS and US 7.Performance questions are integrated during learning	Discussion 3 X 50			0%

14	Analyze and formulate a transition model for implementing e-learning	explain, analyze, formulate a transition model for implementing e-learning	<b>Criteria:</b> 1.The assessment is carried out on the following aspects: 2.Participation during lectures is carried out through observing honest and independent attitudes. Student activities and responses during learning activities, especially practicums, are also assessed as participation, with a weight of 20% 3. Practical reports and products are assessed as ASSIGNMENTS with a weight of 30% 4. UTS weight 20% 5. US weight 30% 6.Essay questions are accessed jointly on UTS and US 7.Performance questions are integrated during learning	Discussion 3 X 50			0%
15	know pedagogical methods in e-learning	explains pedagogical methods in e-learning	<b>Criteria:</b> 1.The assessment is carried out on the following aspects: 2.Participation during lectures is carried out through observing honest and independent attitudes. Student activities and responses during learning activities, especially practicums, are also assessed as participation, with a weight of 20% 3. Practical reports and products are assessed as ASSIGNMENTS with a weight of 30% 4. UTS weight 20% 5. US weight 30% 6.Essay questions are accessed jointly on UTS and US 7.Performance questions are integrated during learning	3 X 50 discussion			0%
16							0%

**Evaluation Percentage Recap: Project Based Learning**

No	Evaluation	Percentage
		0%

**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** ability in the process and student learning outcomes are specific and measurable statements that identify the ability 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.