



**Universitas Negeri Surabaya**  
**Faculty of Education**  
**Undergraduate Guidance and Counseling 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>
Inferential Statistics	8620104168		T=4	P=0	ECTS=6.36	4	July 17, 2024
<b>AUTHORIZATION</b>	<b>SP Developer</b>		<b>Course Cluster Coordinator</b>			<b>Study Program Coordinator</b>	
	.....		.....			Dr. Evi Winingsih, S.Pd., M.Pd.	
<b>Learning model</b>	Case Studies						
<b>Program Learning Outcomes (PLO)</b>	PLO study program which is charged to the course						
	Program Objectives (PO)						
	PLO-PO Matrix						
		P.O					
<b>Short Course Description</b>	This course is designed to discuss various statistical concepts applied in solving guidance and counseling cases. The discussion material includes univariate and multivariate statistics, parametric and non-parametric statistics and their applications using statistical programs. It is hoped that this will provide an understanding of statistical concepts and methods for analyzing and resolving guidance and counseling problems as well as as an aid in making decisions rationally and prioritizing data objectivity (honesty).						
	<b>References</b>						
<b>Supporting lecturer</b>	<b>Main :</b>						
	<ol style="list-style-type: none"> <li>1. Bluman, A.G. 2009. Elementary Statistic. Boston: Higher Education.Coolican, H. 2014. Research methods and statistics in psychology. 6th ed. New York: Psychology Press.</li> <li>2. Jackson, S.L. 2009. Research Methods and Statistic. Balmon, CA: Wadsworth Cengage Learning.</li> <li>3. Kumar, R. 2011. Research methodology: A step-by-step guide for beginners . London: Sage Publication.</li> <li>4. Supardi. 2017. Statistik Penelitian Pendidikan. Depok: PT Rajagrafindo Persada.</li> <li>5. Winarsunu, T. 2010. Statistik dalam Penelitian Psikologi dan Pendidikan. Malang: UMM</li> </ol>						
	<b>Supporters:</b>						
Dr. Eko Darminto, M.Si. Dr. Retno Tri Hariastuti, M.Pd., Kons. Dr. Ari Khusumadewi, 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	Form a positive attitude towards inferential statistics lectures, understand the nature of inferential statistics and the concepts related to inferential statistical analysis, be able to choose appropriate inferential statistical techniques to analyze data in accordance with research objectives and draw honest conclusions.	Can explain the nature of inferential statistics, choose the right statistics	<b>Criteria:</b> liveliness, accuracy, writing	Live Learning 2 X 50			0%
2	Understanding and application of population, samples and sampling techniques	Can explain and apply population, samples and sampling techniques	<b>Criteria:</b> liveliness, accuracy, writing	Cooperative Learning 4 X 50			0%
3							0%
4	Understanding and application of the data normality test	Can explain and apply the data normality test	<b>Criteria:</b> liveliness, accuracy, writing	Cooperative Learning 2 X 50			0%
5							0%
6	Understanding and application of Group Difference Tests	Can explain and apply Group Difference Tests	<b>Criteria:</b> liveliness, accuracy, writing	Cooperative Learning 4 X 50			0%
7							0%
8	Understanding and application of the one sample t test	Can explain and apply the one sample t test	<b>Criteria:</b> liveliness, accuracy, writing	Cooperative Learning 4 X 50			0%
9							0%
10	Understanding and application of the two-sample t test	Can explain and apply the two sample t test	<b>Criteria:</b> liveliness, accuracy, writing	Cooperative Learning 4 X 50			0%
11							0%
12	Understanding and application of one-way Variance Analysis	Can explain and apply one way Variance Analysis	<b>Criteria:</b> liveliness, accuracy, writing	Cooperative Learning 4 X 50			0%
13							0%
14	U.S.S			2 X 50			0%
15	Understanding and application of two-way Variance Analysis	Can explain and apply two-way Variance Analysis	<b>Criteria:</b> liveliness, accuracy, writing	Cooperative Learning 4 X 50			0%
16							0%

### Evaluation Percentage Recap: Case Study

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** 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.