

**SEMESTER LEARNING PLAN (SLP)**


**RESEARCH METHODS IN ECONOMIC EDUCATION**



**Lecturer:**

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**ECONOMIC EDUCATION STUDY PROGRAM  
FACULTY OF ECONOMICS AND BUSINESS EDUCATION  
UNIVERSITAS PENDIDIKAN INDONESIA  
2020**

	<b>SEMESTER LEARNING PLAN</b>	Doc. No :
	<b>RESEARCH METHODS IN ECONOMIC EDUCATION</b>	Revision :
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<b>SEMESTER LEARNING PLAN</b>		
<b>1. Course Identity</b>		
Study Program	:	Economic Education
Course	:	Research Methods in Economic Education
Course Code	:	PE422
Course Group	:	Study Program-Based Core Professional Courses
Course Credit	:	3
Program Degree	:	Undergraduate
Semester	:	4
Prerequisite	:	-
Course Status (Compulsory/ Elective)	:	Compulsory
Lecturer Name and Code	:	Prof. Dr. Disman, MS. (0635) Prof. Dr. Dadang Dahlan, M.Pd. (2024) Dr. Kusnendi, MS. (0815) Leni Permana, S.Pd., M.Pd. (2296)

## **2. Course Description**

The Economic Education Research Methodology course is a compulsory subject for undergraduate students of Economic Education. This course studies the basic concepts of economic education research methodology, basic introduction to educational research, selection and formulation of research problems, research paradigms, building theoretical frameworks, formulating hypotheses, surveying and experimental research designs, determining research objects and measuring variables, selection of research subjects (population and samples), operationalization of variables, research instruments and data collection through questionnaires and interviews, data analysis and interpretation, data analysis (univariate, bivariate, and multivariate), proposal writing and reporting of research results. This course aims to provide comprehensive knowledge and mastery of research methods for students to carry out research in the field of economic education. Lecture activities consist of face-to-face, responses, and assignments. Assessment is based on student activity in learning; written exam in the middle of the semester; and evaluation of research proposals and reports at the end of the semester. The final grade for this course uses the Benchmark Reference Assessment.

## **3. Referred Study Program Learning Achievement**

- S1 Exhibit scientific, educative, and religious attitude and behaviour, which contributes to the improvement of social, national, and state lives founded on academical norms and ethics.
- P4 Command the research methods to implement research in economic education.
- KU2 Able to apply logical, critical, systematic, and innovative thinking in the context of the development or implementation of science and technology that pays attention to and applies humanities values in accordance with the field of expertise in economics education.
- KK3 Able to design and implement research to produce alternative solutions to problems in economic education and publish the results.

## **4. Course Learning Achievement**

- S1.1 Internalize scientific, educative, and religious attitudes and behavior, which contributes to the improvement of social, national and state lives founded on academical norms and ethics in studying of research methods in economic education.
- P4.1 Command knowledge and understanding of quantitative research approaches.
- P4.2 Command the objects and subject's research as well as units of analysis in quantitative research.
- P4.3 Command understanding and ability about quantitative research design, literature review, theoretical framework, operational definition and instruments of variables.

- P4.4 Command collecting data in quantitative research.
- P4.5 Command testing hypotheses, analyze and interpret data.
- P4.6 Able to make research reports and publish.
- KU2.1 Able to apply logical, critical, systematic, and innovative thinking in developing research that pays attention to and applies
- KK3.1 humanities values in accordance with the field of expertise in economics education.  
Able to designing research models, implementing, making research reports in economic education, and publishing the results.

## 5. Learning Plan Description

Week	Course Learning Achievement	Learning Materials	Teaching/Learning Activities	Duration	Assessment	Reference
1	S1.1; KU2.1 Study orientation	<ol style="list-style-type: none"> <li>1. Course descriptions</li> <li>2. Semester Learning Plan</li> <li>3. Rules of study</li> <li>4. Ethics of study</li> </ol>	Synchronous Students and lecturers are going to explore course descriptions, semester learning plan, rules and ethics of study, by online/offline learning.	3 x 50 minutes	-	-
	P4.1	<ol style="list-style-type: none"> <li>1. The concepts of research methods in education</li> <li>2. Introduction to the basics of educational research</li> </ol>	Synchronous Through the zoom link, lecturer explained about the concepts of research methods in education and introduction to the basics of educational research.  Asynchronous Self study through modules or PPT stored in spot.upi.edu or spada.upi.edu	3 x 50 minutes	Individual Assignment: <ul style="list-style-type: none"> <li>• Make a summary of the material.</li> <li>• Student worksheets for Assignment 1 and submitted at spot.upi.edu or google.classroom</li> </ul>	4, 6, 7, 8

Week	Course Learning Achievement	Learning Materials	Teaching/Learning Activities	Duration	Assessment	Reference
2, 3	P4.1	Selecting and formulating research problems	<p>Synchronous Through the zoom link, students present and discuss in groups to study the selecting and formulating research problems.</p> <p>Asynchronous Self study through referenced modules or references.</p>	6 x 50 minutes	Individual Assignment: Student worksheets for Assignment 2 and submitted at spot.upi.edu or google.classroom	4, 6, 7, 9, 10, 11
4, 5	P4.1	Research paradigm models	<p>Synchronous Through the zoom link, students present and discuss in groups to study the research paradigm models.</p> <p>Asynchronous Self study through referenced modules or references.</p>	6 x 50 minutes	Individual Assignment: Student worksheets for Assignment 3 and submitted at spot.upi.edu or google.classroom	4, 6, 7, 9, 10, 11
6	P4.2	Building a theoretical framework and research hypotheses	<p>Synchronous Through the zoom link, students present and discuss in groups to study the building a theoretical framework and research hypotheses.</p> <p>Asynchronous Self study through referenced modules or references.</p>	3 x 50 minutes	Individual Assignment: Student worksheets for Assignment 4 and submitted at spot.upi.edu or google.classroom	4, 6, 7, 8, 9, 10, 11

Week	Course Learning Achievement	Learning Materials	Teaching/Learning Activities	Duration	Assessment	Reference
7	P4.3	Survey research design and experimental research	<p>Synchronous Through the zoom link, students present and discuss in groups to study the survey research design and experimental research.</p> <p>Asynchronous Self study through referenced modules or references.</p>	3 x 50 minutes	Individual Assignment: Student worksheets for Assignment 4 and submitted at spot.upi.edu or google.classroom	4, 6, 7, 8, 9, 10, 11
8	<b>MIDTERM EXAMS</b>					
9	P4.2	Determine the object of research, measurement of research variables, and operationalization of variables	<p>Synchronous Through the zoom link, students present and discuss in groups to study the determine the object of research, measurement of research variables, and operationalization of variables.</p> <p>Asynchronous Self study through referenced modules or references.</p>	3 x 50 minutes	Individual Assignment: Student worksheets for Assignment 4 and submitted at spot.upi.edu or google.classroom	4, 6, 7, 8, 9, 10, 11
10	P4.2	Selecting research objects and subjects: population, sample and sampling	<p>Synchronous Through the zoom link, students present and discuss in groups to study the selecting research objects and subjects: population, sample and sampling.</p>	3 x 50 minutes	Individual Assignment: Student worksheets for Assignment 5 and submitted at spot.upi.edu or google.classroom	4, 6, 7, 8, 9, 10, 11

Week	Course Learning Achievement	Learning Materials	Teaching/Learning Activities	Duration	Assessment	Reference
			Asynchronous Self study through referenced modules or references.			
11	P4.4	Data collection, operationalization of variables, questionnaires, observations and interviews	Synchronous Through the zoom link, students present and discuss in groups to study the data collection, operationalization of variables, questionnaires, observations and interviews.  Asynchronous Self study through referenced modules or references.	3 x 50 minutes	Individual Assignment: Student worksheets for Assignment 6 and submitted at spot.upi.edu or google.classroom	4, 6, 7, 8, 9, 10, 11
12, 13	P4.5	Hypothesis testing, data analysis and interpretation.	Synchronous Through the zoom link, students present and discuss in groups to study the hypothesis testing, data analysis and interpretation.  Asynchronous Self study through referenced modules or references.	6 x 50 minutes	Individual Assignment: Student worksheets for Assignment 7 and submitted at spot.upi.edu or google.classroom	4, 6, 7, 8, 9, 10, 11
14	P4.5	Data analysis: univariate, bivariate and multivariate analysis	Synchronous Through the zoom link, students present and discuss in groups to study the data analysis: univariate, bivariate and multivariate analysis.	3 x 50 minutes	Individual Assignment: Student worksheets for Assignment 8 and submitted at spot.upi.edu or google.classroom	4, 6, 7, 8, 9, 10, 11

Week	Course Learning Achievement	Learning Materials	Teaching/Learning Activities	Duration	Assessment	Reference
			Asynchronous Self study through referenced modules or references.			
15	P4.6	Writing proposals and reporting research results	Synchronous Through the zoom link, students present and discuss in groups to study the writing proposals and reporting research results.  Asynchronous Self study through referenced modules or references.	3 x 50 minutes	Individual Assignment: Student worksheets for Assignment 9 and submitted at spot.upi.edu or google.classroom	4, 6, 7, 8, 9, 10, 11
16	<b>FINAL EXAMS</b>					

## 6. References

1. Anderson, Sweeney & Williams. 2002. *Statistics For Business And Economics, International Student Edition*. US: Rochester Institute of Technology.
2. Dean J. Champion. 1991. *Basic Statistic for Social Research, Second Editions*. NY: Mac Millan Publishing Co.Inc.
3. Elazar J. Pendhazur. 2001. *Multiple Regression In Behavioral Research, Explanation and Prediction*. Holt, Rinehart and Winston.
4. James H. Mac Millan & Sally Schumacher. 2001. *Research in Education A Conceptual Introduction*. US: Harper Collins Publisher
5. Siedney Siegel & Castelan Jr. 1988. *Nonparametric Statistic for the Behavioral Sciences*. Singapore: Mc-Graw Hill Book Co
6. Ulber Silalahi. 2006. *Metodologi Penelitan Sosial*. Bandung: UNPAR Press.
7. Uma Sekaran. 2006. *Research Methods For Business*. NY: John Wiley & Son Inc.



8. Donald R. Cooper & Pamela S. Schindler. 2006. *Business Research Methods, Ninth Edition*. Mc Graw-Hill International Edition.
9. Donald Ary, et al. 2010. *Introduction to Research in Education*. 8<sup>th</sup> edition
10. J.W. Creswell. 2012. *Educational Research*. 4<sup>th</sup> edition
11. Jack R. Fraenkel & Norman E. Wallen. 2006. *How to Design and Evaluate Research in Education*.