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| UNESA | **Universitas Negeri Surabaya**<br>**Faculty of Social Sciences and Law**<br>**Sociology Undergraduate Study Program** | **Document Code** |

# SEMESTER LEARNING PLAN

| Courses | CODE | Course Family | Credit Weight | | | SEMESTER | Compilation Date |
|---|---|---|---|---|---|---|---|
| **Introduction to Social Statistics** | 6920102149 | Compulsory Study Program Subjects | **T=2** | **P=0** | **ECTS=3.18** | 1 | August 1, 2023 |

| AUTHORIZATION | SP Developer | Course Cluster Coordinator | Study Program Coordinator |
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| | Arief Sudrajat, S.Ant, M.Si | Arief Sudrajat, S.Ant, M.Si | Dr. Agus Machfud Fauzi, M.Si. |

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| **Learning model** | **Case Studies** | |
| **Program Learning Outcomes (PLO)** | **PLO study program which is charged to the course** | |
| | **Program Objectives (PO)** | |
| | **PO - 1** | Understanding statistical data |
| | **PO - 2** | Operate SPSS software |
| | **PLO-PO Matrix** | |

| P.O |
|---|
| PO-1 |
| PO-2 |

**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 | | | | | | | | | | | | | | | | |

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| **Short Course Description** | This course provides students with the basic principles of statistics, starting with an understanding of statistics, an introduction to data, data presentation, measures of data concentration and measures of data distribution. This course is the basis for quantitative data studies, so it will provide the basic principles for understanding quantitative data analysis techniques. Data processing is carried out through 2 models, namely manual and using a computer. |
| **References** | **Main :** |


1. Hasan, M. Iqbal. 2003, Pokok-pokok Materi Statistik, Bandung: Alfabeta.
2. Hadi, Sutrisno, 1996. Statistik Jilid I.Yogyakarta: Penerbit Andi
3. Hadi, Sutrisno, 1996. Statistik Jilid II. Yogyakarta: Penerbit Andi
4. Ridwan (2005) Dasar-dasar Statistik, Bandung: Alfabet.
5. Sugiyono, 2002. Statistik untuk Penelitian, Bandung: Alfabeta
6. Sugiyono, (2006) Statistika Untuk Penelitian, Bandung: Alfabeta


**Supporters:**


1. Setiaman, Sobur, 2020, Analisa Korelasi dan Regresi Dengan SPSS. PPNI Qatar
2. Setiaman, Sobur, 2020, Uji X Kuadrat dan Regresi Logistik Sederhana Dg SPSS, PPNI Qatar
3. Setiaman, Sobur, 2020, Uji independensi dengan SPSS 24. PPNI Qatar
4. Setiaman, Sobur, 2020, Analysis Data of Variance dg SPSS. PPNI Qatar
5. Dharma, Surya, 2020, Aplikasi SPSS dalam Analisis Multivariates, LPPM Universitas Bung Hatta
6. Sufren, 2014, Belajar Otodidak SPSS Pasti Bisa, Jakarta : Elex Media Komputindo
7. Ahmaddien, Iskandar, 2019, Statistika Terapan dalam Sistem SPSS, Bandung : ITB
8. Jainuri, Muhammad, 2019, Pengantar Aplikasi Komputer SPSS Edisi Revisi, Jakarta : Hira Institute
9. Kadir, 2015, Statistika Terapan: Konsep, Contoh dan Analisis Data dengan Program SPSS/Lisrel dalam Penelitian, Jakarta : PT RajaGrafindo Persada


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| **Supporting lecturer** | Arief Sudrajat, S.Ant., 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 | Apply sociological research methodology to become an analyst and researcher of development and education problems | - explain the concepts of statistics and classification, types of data and measurement scales. | **Form of Assessment** : Participatory Activities | Behavioristic/Expository/Lecture Approach<br>2 X 50 | | **Material:** .<br>**References:** *Hasan, M. Iqbal. 2003, Basic Materials of Statistics, Bandung: Alfabeta.* | 5% |
| 2 | Apply sociological research methodology to become an analyst and researcher of development and education problems | - explain the concepts of statistics and classification, types of data and measurement scales. | **Form of Assessment** : Participatory Activities | Behavioristic/Expository/Lecture Approach<br>2 X 50 | | **Material:** .<br>**References:** *Setiaman, Sobur, 2020, Independence test with SPSS 24. PPNI Qatar*<br>**Material:** .<br>**Bibliography:** *Ridwan (2005) Basics of Statistics, Bandung: Alphabet.* | 5% |
| 3 | Apply sociological research methodology to become an analyst and researcher of development and education problems | - Explain the presentation of data in the form of frequency tables and diagrams | **Form of Assessment** : Participatory Activities | Behavioristic/Expository/Lecture Approach<br>2 X 50 | | **Material:** .<br>**Reader:** *Hadi, Sutrisno, 1996. Statistics Volume I. Yogyakarta: Andi Publisher*<br>**Material:** .<br>**References:** *Hadi, Sutrisno, 1996. Statistics Volume II. Yogyakarta: Andi Publishers* | 5% |
| 4 | Apply sociological research methodology to become an analyst and researcher of development and education problems | - Explain the presentation of data in the form of frequency tables and diagrams | **Form of Assessment** : Participatory Activities | Behavioristic/Expository/Lecture Approach<br>2 X 50 | | **Material:** .<br>**References:** *Kadir, 2015, Applied Statistics: Concepts, Examples and Data Analysis with the SPSS/Lisrel Program in Research, Jakarta : PT RajaGrafindo Persada*<br>**Material:** .<br>**References:** *Jainuri, Muhammad, 2019, Introduction to SPSS Computer Applications Revised Edition, Jakarta : Hira Institute* | 5% |
| 5 | Apply sociological research methodology to become an analyst and researcher of development and education problems | Determining the central tendency of single and group data. | **Form of Assessment** : Participatory Activities | Behavioristic/Expository/Lecture Approach<br>2 X 50 | | **Material:** .<br>**Reader:** *Sugiyono, 2002. Statistics for Research, Bandung: Alfabeta*<br>**Material:** .<br>**References:** *Dharma, Surya, 2020, SPSS Application in Multivariate Analysis, LPPM Bung Hatta University* | 5% |

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| **6** | Apply sociological research methodology to become an analyst and researcher of development and education problems | Determining the central tendency of single and group data. | **Form of Assessment** : Participatory Activities | Behavioristic/Expository/Lecture Approach<br>2 X 50 | | **Material:** .<br>**References:** *Ahmaddien, Iskandar, 2019, Applied Statistics in the SPSS System, Bandung : ITB*<br><br>**Material:** .<br>**References:** *Setiaman, Sobur, 2020, X Squared Test and Simple Logistic Regression with SPSS, PPNI Qatar* | 5% |
| **7** | Apply sociological research methodology to become an analyst and researcher of development and education problems | Determining the central tendency of single and group data. | **Form of Assessment** : Participatory Activities | Behavioristic/Expository/Lecture Approach<br>2 X 50 | | **Material:** .<br>**References:** *Dharma, Surya, 2020, SPSS Application in Multivariate Analysis, LPPM Bung Hatta University*<br><br>**Material:** .<br>**References:** *Setiaman, Sobur, 2020, Data Analysis of Variance with SPSS. PPNI Qatar* | 5% |
| **8** | Apply sociological research methodology to become an analyst and researcher of development and education problems | UTS | **Form of Assessment** : Test | UTS<br>2 X 50 | | **Material:** .<br>**References:** *Hasan, M. Iqbal. 2003, Basic Materials of Statistics, Bandung: Alfabeta.* | 15% |
| **9** | Apply sociological research methodology to become an analyst and researcher of development and education problems | Determine the size of the deviation from single and group data. | **Form of Assessment** : Participatory Activities | Behavioristic/Expository/Lecture Approach<br>2 X 50 | | **Material:** .<br>**Bibliography:** *Ridwan (2005) Basics of Statistics, Bandung: Alphabet.*<br><br>**Material:** .<br>**References:** *Setiaman, Sobur, 2020, Data Analysis of Variance with SPSS. PPNI Qatar* | 5% |
| **10** | Apply sociological research methodology to become an analyst and researcher of development and education problems | Determine the size of the deviation from single and group data. | **Form of Assessment** : Participatory Activities | Behavioristic/Expository/Lecture Approach<br>2 X 50 | | **Material:** .<br>**References:** *Hasan, M. Iqbal. 2003, Basic Materials of Statistics, Bandung: Alfabeta.* | 5% |
| **11** | Apply sociological research methodology to become an analyst and researcher of development and education problems | Determine the size of the deviation from single and group data. | **Form of Assessment** : Participatory Activities | Behavioristic/Expository/Lecture Approach<br>2 X 50 | | **Material:** .<br>**Bibliography:** *Sufren, 2014, Self-taught SPSS Learning is Definitely Possible, Jakarta : Elex Media Komputindo*<br><br>**Material:** .<br>**References:** *Ahmaddien, Iskandar, 2019, Applied Statistics in the SPSS System, Bandung : ITB* | 5% |

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| **12** | Apply sociological research methodology to become an analyst and researcher of development and education problems | Determine the size of the deviation from single and group data. | **Form of Assessment** : Participatory Activities | Behavioristic/Expository/Lecture Approach<br>2 X 50 | | **Material:** .<br>**Reader:** *Sugiyono, (2006) Statistics for Research, Bandung: Alfabeta*<br>**Material:** .<br>**References:** *Dharma, Surya, 2020, SPSS Application in Multivariate Analysis, LPPM Bung Hatta University* | 5% |
| **13** | Apply sociological research methodology to become an analyst and researcher of development and education problems | Determine the size of the deviation from single and group data. | **Form of Assessment** : Participatory Activities | Behavioristic/Expository/Lecture Approach<br>2 X 50 | | **Material:** .<br>**Bibliography:** *Ridwan (2005) Basics of Statistics, Bandung: Alphabet.*<br>**Material:** .<br>**References:** *Setiaman, Sobur, 2020, Data Analysis of Variance with SPSS. PPNI Qatar* | 5% |
| **14** | Apply sociological research methodology to become an analyst and researcher of development and education problems | Using normal distribution, t and F to solve problems | **Criteria:**<br>5<br>**Form of Assessment** : Participatory Activities | Behavioristics/Economics/Lectures<br>2 X 50 | | **Material:** .<br>**Reader:** *Hadi, Sutrisno, 1996. Statistics Volume I. Yogyakarta: Andi Publisher* | 5% |
| **15** | Apply sociological research methodology to become an analyst and researcher of development and education problems | Using normal distribution, t and F to solve problems | **Form of Assessment** : Participatory Activities | Behavioristics/Economics/Lectures<br>2 X 50 | | **Material:** .<br>**Bibliography:** *Sufren, 2014, Self-taught SPSS Learning is Definitely Possible, Jakarta : Elex Media Komputindo* | 5% |
| **16** | Apply sociological research methodology to become an analyst and researcher of development and education problems | UAS | **Form of Assessment** : Test | UAS<br>2 X 50 | | **Material:** UAS<br>**Literature:** | 15% |

**Evaluation Percentage Recap: Case Study**

| No | Evaluation | Percentage |
|---|---|---|
| 1. | Participatory Activities | 70% |
| 2. | Test | 30% |
| | | 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.