| | Universitas Negeri Surabaya<br>Faculty of Languages and Arts<br>Bachelor of Javanese Language and Literature Education Study Program | Document Code |
|---|---|---|

# SEMESTER LEARNING PLAN

| Courses | CODE | Course Family | Credit Weight | | | SEMESTER | Compilation Date |
|---|---|---|---|---|---|---|---|
| Science phylosophy | 8820202175 | | T=2 | P=0 | ECTS=3.18 | 7 | July 18, 2024 |

| AUTHORIZATION | SP Developer | Course Cluster Coordinator | Study Program Coordinator |
|---|---|---|---|
| | ..... | ..... | Latif Nur Hasan, S.Pd., M.Pd. |

| | |
|---|---|
| **Learning model** | **Case Studies** |
| **Program Learning Outcomes (PLO)** | **PLO study program which is charged to the course** |
| | **Program Objectives (PO)** |
| | **PLO-PO Matrix** |

| | P.O |
|---|---|

**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 |

| | |
|---|---|
| **Short Course Description** | Able to describe scientific ontological, epistemological and axiological studies, in terms of their implementation for scientific and educational development with an emphasis on issues of scientific logic and methodology, as well as scientific material, formal and moral responsibilities. |
| **References** | **Main :** |


1. Pramono, Made, dkk, 2005, Filsafat Ilmu (Kajian Ontologi, Epistemologi, dan Aksiologi) , Surabaya: Unesa Unipress, Surabaya.
2. Kuipers, Theo A.F., (ed.), 2007, Handbook of The Philosophy of Science: General Philosophy of Science - Focal Issues , Netherlands: Elsevier BV, .
3. Endraswara, Suwardi, 2012, Filsafat Ilmu: Konsep, Sejarah, dan Pengembangan Metode Ilmiah , Yogyakarta: CAPS.
4. Prawironegoro, Darsono, 2010, Filsafat Ilmu: Kajian tentang Pengetahuan yang Disusun Secara Sistematis dan Sistemik dalam Membangun Ilmu Pengetahuan , Jakarta: Nusantara Consulting.


| | |
|---|---|
| | **Supporters:** |
| **Supporting lecturer** | Drs. Bambang Purnomo, M.S. |

| 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** | Ability to identify the meaning, scope of discussion, history and position of the philosophy of science Ability to explain general scientific conceptions Ability to outline the ontological basis of scientific disciplines | Able to identify the meaning, scope of discussion, history and position of the philosophy of science Able to explain the general conception of science Able to outline the ontological basis of scientific disciplines | **Criteria:** Full marks are obtained if you do all the questions correctly and argumentatively | 1. Pulpit lecture and question and answer 2. Slide and film screening 3. Group discussion on ontology themes 2 X 50 | | | 0% |
| **2** | Ability to identify the meaning, scope of discussion, history and position of philosophy of science Ability to explain general scientific and cultural conceptions of Java Ability to outline the ontological basis of scientific disciplines and their cultural implementation | Able to identify the meaning, scope of discussion, history and position of philosophy of science Able to explain the general conception of Javanese science and culture Able to outline the ontological basis of scientific disciplines and their cultural implementation | **Criteria:** Full marks are obtained if you do all the questions correctly and argumentatively | 1. Pulpit lecture and question and answer 2. Slide and film screening 3. Group discussion on ontology themes 2 X 50 | | | 0% |
| **3** | Ability to identify the meaning, scope of discussion, history and position of the philosophy of science Ability to explain general scientific conceptions Ability to outline the ontological basis of scientific disciplines | Able to identify the meaning, scope of discussion, history and position of the philosophy of science Able to explain the general conception of science Able to outline the ontological basis of scientific disciplines | **Criteria:** Full marks are obtained if you do all the questions correctly and argumentatively | 1. Pulpit lecture and question and answer 2. Slide and film screening 3. Group discussion on ontology themes 2 X 50 | | | 0% |
| **4** | Ability to identify the meaning, scope of discussion, history and position of the philosophy of science Ability to explain general scientific conceptions Ability to outline the ontological basis of scientific disciplines | Able to identify the meaning, scope of discussion, history and position of the philosophy of science Able to explain the general conception of science Able to outline the ontological basis of scientific disciplines | **Criteria:** Full marks are obtained if you do all the questions correctly and argumentatively | 1. Pulpit lecture and question and answer 2. Slide and film screening 3. Group discussion on ontology themes 2 X 50 | | | 0% |
| **5** | Ability to identify the meaning, scope of discussion, history and position of the philosophy of science Ability to explain general scientific conceptions Ability to outline the ontological basis of scientific disciplines | Able to identify the meaning, scope of discussion, history and position of the philosophy of science Able to explain the general conception of science Able to outline the ontological basis of scientific disciplines | **Criteria:** Full marks are obtained if you do all the questions correctly and argumentatively | 1. Pulpit lecture and question and answer 2. Slide and film screening 3. Group discussion on ontology themes 2 X 50 | | | 0% |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **6** | Ability to identify the meaning, scope of discussion, history and position of the philosophy of science Ability to explain general scientific conceptions Ability to outline the ontological basis of scientific disciplines | Able to identify the meaning, scope of discussion, history and position of the philosophy of science Able to explain the general conception of science Able to outline the ontological basis of scientific disciplines | **Criteria:** Full marks are obtained if you do all the questions correctly and argumentatively | 1. Pulpit lecture and question and answer 2. Slide and film screening 3. Group discussion on ontology themes 2 X 50 | | | 0% |
| **7** | Ability to identify the meaning, scope of discussion, history and position of the philosophy of science Ability to explain general scientific conceptions Ability to outline the ontological basis of scientific disciplines | Able to identify the meaning, scope of discussion, history and position of the philosophy of science Able to explain the general conception of science Able to outline the ontological basis of scientific disciplines | **Criteria:** Full marks are obtained if you do all the questions correctly and argumentatively | 1. Pulpit lecture and question and answer 2. Slide and film screening 3. Group discussion on ontology themes 2 X 50 | | | 0% |
| **8** | MIDDLE SEMESTER EXAMINATION | | | 2 X 50 | | | 0% |
| **9** | Ability to outline the epistemological foundations of scientific disciplines | Able to outline the epistemological foundations of scientific disciplines | **Criteria:** Full marks are obtained if you do all the questions correctly and argumentatively | Pulpit lecture (slides) and questions and answers 2 X 50 | | | 0% |
| **10** | Ability to outline the axiological foundations of scientific disciplines. Ability to integrate theoretical themes of philosophy of science with contemporary humanitarian issues | Able to outline the axiological foundations of scientific disciplines. Able to integrate theoretical themes of the philosophy of science with contemporary humanitarian issues | **Criteria:** Completeness of results reports and class presentations Completeness of discussion results reports and proof of article posting | Pulpit lecture (slides) and questions and answers Group discussion on the theme of epistemology of science Group discussion on axiological themes of science and contemporary humanitarian issues 2 X 50 | | | 0% |
| **11** | Ability to outline the axiological foundations of scientific disciplines. Ability to integrate theoretical themes of philosophy of science with contemporary humanitarian issues | Able to outline the axiological foundations of scientific disciplines. Able to integrate theoretical themes of the philosophy of science with contemporary humanitarian issues | **Criteria:** Completeness of results reports and class presentations Completeness of discussion results reports and proof of article posting | Pulpit lecture (slides) and questions and answers Group discussion on the theme of epistemology of science Group discussion on axiological themes of science and contemporary humanitarian issues 2 X 50 | | | 0% |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **12** | Ability to outline the axiological foundations of scientific disciplines. Ability to integrate theoretical themes of philosophy of science with contemporary humanitarian issues | Able to outline the axiological foundations of scientific disciplines. Able to integrate theoretical themes of the philosophy of science with contemporary humanitarian issues | **Criteria:** Completeness of results reports and class presentations Completeness of discussion results reports and proof of article posting | Pulpit lecture (slides) and questions and answers Group discussion on the theme of epistemology of science Group discussion on axiological themes of science and contemporary humanitarian issues 2 X 50 | | | 0% |
| **13** | Ability to outline the axiological foundations of scientific disciplines. Ability to integrate theoretical themes of philosophy of science with contemporary humanitarian issues | Able to outline the axiological foundations of scientific disciplines. Able to integrate theoretical themes of the philosophy of science with contemporary humanitarian issues | **Criteria:** Completeness of results reports and class presentations Completeness of discussion results reports and proof of article posting | Pulpit lecture (slides) and questions and answers Group discussion on the theme of epistemology of science Group discussion on axiological themes of science and contemporary humanitarian issues 2 X 50 | | | 0% |
| **14** | Ability to outline the axiological foundations of scientific disciplines. Ability to integrate theoretical themes of philosophy of science with contemporary humanitarian issues | Able to outline the axiological foundations of scientific disciplines. Able to integrate theoretical themes of the philosophy of science with contemporary humanitarian issues | **Criteria:** Completeness of results reports and class presentations Completeness of discussion results reports and proof of article posting | Pulpit lecture (slides) and questions and answers Group discussion on the theme of epistemology of science Group discussion on axiological themes of science and contemporary humanitarian issues 2 X 50 | | | 0% |
| **15** | Ability to outline the axiological foundations of scientific disciplines. Ability to integrate theoretical themes of philosophy of science with contemporary humanitarian issues | Able to outline the axiological foundations of scientific disciplines. Able to integrate theoretical themes of the philosophy of science with contemporary humanitarian issues | **Criteria:** Completeness of results reports and class presentations Completeness of discussion results reports and proof of article posting | Pulpit lecture (slides) and questions and answers Group discussion on the theme of epistemology of science Group discussion on axiological themes of science and contemporary humanitarian issues 2 X 50 | | | 0% |
| **16** | FINAL EXAMS | | | 2 X 50 | | | 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** 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.