

# UNU211101

## Bahasa and Scientific Writing

### Bahasa Indonesia dan Penulisan Ilmiah

#### BASIC INFORMATION

<b>Course Credit</b>	2 / 100 minutes per Week
<b>Course Type</b>	Required
<b>Course Classification</b>	General Education
<b>Prerequisites</b>	High School English Language; Bahasa

#### STUDENT AND LEARNING OUTCOMES

##### Covered Student Outcomes

Effective Communication (SK.3)	Professional and Ethical Responsibilities (BH.1)
Individual and Teamwork (SK.4)	Engineering Awareness and Society (BH.2)

##### Learning Outcomes

- LO1** Student are able to paraphrase paragraph from papers and published literatures.
- LO2** Students are able to analyze scientific figures, tables, graphs produced by research outcomes.
- LO3** Students are able to apply effective writing techniques in a paragraph formation.
- LO4** Students are able to understand research ethics and plagiarism.
- LO5** Students are able to make notes based on articles and prepare a literature review report.
- LO6** Students are able to prepare and present result of literature study in groups with proper manner.

#### COURSE DESCRIPTION

This course contains basic theories that are useful for proper scientific paper writing and works, including techniques for conducting a research. Learning focuses on discussion and practice of paper writing using good and correct English. Students are expected to do the writing of scientific papers and work well and correctly, and able to conduct research in a proper manner.

#### TOPICS

1. Introduction
2. Effective Writing
3. Active, Passive, and Grammar
4. Punctuation
5. Table, Figure and Graph

6. **Mathematical Equation and Algorithms**
7. **Plagiarism**
8. **Research Ethics**
9. **Research Planning**
10. **Note Taking**
11. **Literature Review**
12. **Presenting Reserach**

## REFERENCES

- [1] S. Bailey, Academic Writing : A Handbook for international Students, 2011
- [2] J. Zobel, Writing for Computer Science, 2004