Module Description

Module Name	**Scientific Writing Methods**
Modul Level	Undergraduate
Code	18H02134402
Courses (if applicable)	Mandatory Courses
Semester	6th
Person responsible for the module	Prof. Dr. Dahlang Tahir, M.Si. and Dr. Sri Dewi Astuty Ilyas, S.Si., M.Si.
Lecturer	Prof. Dr. Dahlang Tahir, M.Si. and Dr. Sri Dewi Astuty Ilyas, S.Si., M.Si.
Language	Indonesian Language
Relation to Curriculum	Undergraduate degree program, mandatory, 2nd semester
Type of Teaching, Contact Hours	**Teaching methods**: [group discussion], [case study], [collaborative learning], [project-based learning], [problem-based learning]. **Teaching forms**: [lecture], [tutorial], [seminar] **Schedule**: Wednesday, 09.10 – 11.50
Workload	For this course, students are required to meet a minimum of 90.40 hours in one semester, which consist of: - 26.40 hours for lecture, - 32.00 hours for structured assignments, - 32.00 hours for private study
Credit Points	2 Credit Points (equivalent with 3,4 ECTS)
Requirements According to the Examination Regulations	A student must have attended at least 80% of the lectures to sit on the final examination.
Mandatory Prerequisites	-
Module objectives/intended learning outcomes	**Intended Learning Outcomes (ILO):** ILO 5 : Students are able to write a scientific report and final project according to standard scientific rules. **Course Learning Objective (CLO):** After passing this course, students are expected to be able to write scientific papers / research proposals according to the writing standards of the Unhas Physics thesis / national journal / international journal. **Sub CLO** ILO-5 ⇒ CLO-1: Students are able to explain the types of scientific papers. ILO-5 ⇒ CLO-2: Students are able to explain the writing system.

	and research methods.
Content	Students will learn about: 1. Types of Scientific Writing 2. Apparatus, Format, and Structure of scientific writing 3. Academic crime (acadeic crime) 4. Citation legalization techniques 5. Abstract writing technique, introduction, scientific work methodology 6. Techniques for processing data and displaying figures/tables 7. Techniques for describing images/tables 8. Techniques for making conclusions and writing references
Forms of Assessment	Assessment techniques: [participation], [written test], [oral test] Assessment forms: [assignment], [report], [presentation] Report = 50%, Assignment = 25%, Presentation = 25%. CLO 1 => ILO 5 : 5 % (Assignment 1) CLO 2 => ILO 5 : 10 % (Assignment 2) CLO 3 => ILO 5 : 10 % (Assignment 3) CLO 3=> ILO 5 : 25 % (Presentation) CLO 3=> ILO 5: 50 % (Final Report)
Study and examination requirements and forms of examination	**Study and examination requirements:** - Students must attend 15 minutes before the class starts. - Students must switch off all electronic devices. - Students must inform the lecturer if they will not attend the class due to sickness, etc. - Students must submit all class assignments before the deadline. - Students must attend the exam to get final grade. **Form of examination:** ● Final Report and Presentation
Media Employed	Text book, Zoom, Gmeet, Video Conference, Video and Power Point Presentation, Learning Management System (SIKOLA).
Reading List	**Main:** **1.** Margaret Cargill, Patrick O'Connor, 2013, Menulis Artikel Penelitian Ilmiah: Strategi dan Langkah-langkah, Edisi ke-2, Wiley-Blackwell Publishing. 2. Physics UNHAS, Thesis writing guidelines, Department of Physics FMIPA UNHAS. **Supporters:** 1. Lorena Infante Lara, Laura Daniel, Roger Chalkley, 2020, BEST Implementing Career Development Activities for Biomedical Research Trainees, ELSEVIER ISBN 978-0-12-820759-8

	3. Other literature from the internet.