

4. Scientific Articles Writing

Module designation	Scientific Articles Writing
Module level, if applicable	-
Code, if applicable	C IL 2 3 828
Subtitle, if applicable	-
Courses, if applicable	-
Semester(s) in which the module is taught	2nd
Person responsible for the module	Prof. Dr. Ir. Hadiyanto, S.T., M.Sc., IPU
Lecturer	1. Prof. Dr. Ir. Hadiyanto, S.T., M.Sc., IPU 2. Prof. Dr. Istadi, S.T., M.T.
Language	<i>Indonesian and English</i>
Relation to curriculum	<i>Compulsory</i>
Type of teaching, contact hours	<ul style="list-style-type: none"> • Regular meeting with Lecturer 16 times (40 hours with total contact hour per teaching is 2.5 hours weekly for 16 weeks). This activity consists of Lecture: 80 minutes; Q&A: 20 minutes; Discussion: 30 minutes; Presentation: 20 minutes). • Independent work on reading materials and literature review (46 hours, 2.875 hours weekly for 16 weeks). • Writing manuscript draft (64 hours, 4 hours weekly for 16 weeks). <p>Total contact hours in 1 semester = 150 hours</p>
Student Workload for One ECTS	<ul style="list-style-type: none"> • Face-to-face lectures in class (6.67 hours) • Independent work (reading books, papers, literature review) and structured assignments (7.67 hours) • Independent work on developing manuscript draft (introduction, research method, research framework, data analysis techniques, etc.: 10.67 hours) <p>Total workload for one ECTS: 25 hours</p>
Laboratory Work	This course requires no laboratory work
Credit points	3 SKS which equivalent to 6 ECTS
Requirements according to the examination regulations	Minimum attendance of lectures 75%

Required and recommended prerequisites for joining the module	The students have taken and passed the philosophy of science and research methodology course
Module objectives/intended learning outcomes	<ul style="list-style-type: none"> • Able to understand systematic guidelines for writing scientific articles • Able to compile scientific articles
Content	<ul style="list-style-type: none"> • Analysis of research topics, • Data processing techniques using origin software, compilation of bibliography and citations using mendeley software • software introduction to check the level of plagiarism.
Exams and assessment formats	Minimum attendance of lectures 75%
Study and examination requirements	The final grade in the module consists of 50% of scientific article draft and 50% of in-depth interviews
Reading list	<p>Badley, G. F. (2022). Common—Reading—Placing—Writing. <i>Qualitative Inquiry</i>, 10778004221077711.</p> <p>Baird, A. (2021). On Writing Research Articles Well: A Guide for Writing IS Papers. <i>Journal of the Association for Information Systems</i>, 22(5), 1197-1211.</p> <p>Cargill, M., & O'Connor, P. (2021). <i>Writing Scientific Research Articles: Strategy and Steps</i>. John Wiley & Sons.</p> <p>Hailman J.P., Strier K.B, 2006. <i>Planning, Proposing, and Presenting Science Effectively</i>, 2nd Edition. Cambridge University Press. Cambridge.</p> <p>McMillan V.E. 2001. <i>Writing papers in the Biological Sciences</i>. Bedford/St. Martins. New York.</p>