6. Technique of Proposal Writing and Scientific Article

Module designation	Technique of Proposal Writing and Scientific Article
Module level, if applicable	
Code, if applicable	PCIL 9233
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	*Indonesian and English*
Relation to curriculum	*Compulsory*
Type of teaching, contact hours	• Discussion with Principal Supervisor (16 hours, 1 hour weekly for 16 weeks) • Discussion with Co-Supervisor (16 hours, 1 hour weekly for 16 weeks) • Independent work on reading materials and literature review (64 hours, 4 hours weekly for 16 weeks) • Independent work on writing manuscript draft (104 hours, 6.5 hours weekly for 16 weeks) Total hours in 1 semester = 200 hours

Student Workload for One ECTS	• Face-to-face discussion with Prinsipal Supervisor (2 hours) • Face-to-face discussion with Co-Supervisor (2 hours) • Independent work (reading books, papers, literature review, etc. : 8 hours) • Independent work on developing proposal draft (introduction, research method, research framework, data analysis techniques, etc.: 13 hours) Total workload for one ECTS : 25 hours
Laboratory Work	This course requires no laboratory work
Credit points	3 SKS which equivalent to 8 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	• Able to understand systematic guidelines for writing scientific articles • Able to compile scientific articles
Content	• 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	Badley, G. F. (2022). Common—Reading—Placing—Writing. Qualitative Inquiry, 10778004221077711. Day R.A., 1998. How to write & publish a scientific paper. Oryx Press. Arizona Hailman J.P., Strier K.B, 2006. Planning, Proposing, and Presenting Science Effectively, 2nd Edition. Cambridge University Press. Cambridge. McMillan V.E. 2001. Writing papers in the Biological Sciences. Bedford/St. Martins. New York. Raimes, A. (1983). Techniques in teaching writing. Oxford University Press, 200 Madison Ave., New York, NY 10016 (ISBN-0-19-434131-3, $5.95).