

### 7.2.6. Technique of Proposal Writing and Scientific Article

<b>Module designation</b>	Technique of Proposal Writing and Scientific Article
<b>Module level, if applicable</b>	
<b>Code, if applicable</b>	PCIL 9233
<b>Subtitle, if applicable</b>	
<b>Courses, if applicable</b>	
<b>Semester(s) in which the module is taught</b>	2 <sup>nd</sup>
<b>Person responsible for the module</b>	Prof. Dr. Ir. Hadiyanto, S.T., M.Sc., IPU
<b>Lecturer</b>	1. Prof. Dr. Ir. Hadiyanto, S.T., M.Sc., IPU 2. Prof. Dr. Istadi, S.T., M.T.
<b>Language</b>	<i>Indonesian and English</i>
<b>Relation to curriculum</b>	<i>Compulsory</i>
<b>Type of teaching, contact hours</b>	<ul style="list-style-type: none"> <li>• Discussion with Principal Supervisor (16 hours, 1 hour weekly for 16 weeks)</li> <li>• Discussion with Co-Supervisor (16 hours, 1 hour weekly for 16 weeks)</li> <li>• Independent work on reading materials and literature review (64 hours, 4 hours weekly for 16 weeks)</li> <li>• Independent work on writing manuscript draft (104 hours, 6.5 hours weekly for 16 weeks)</li> </ul> <p>Total hours in 1 semester = 200 hours</p>
<b>Workload</b>	<ul style="list-style-type: none"> <li>• Face-to-face lectures in class</li> <li>• Structured assignments (doing homework or assignments given by lecturers)</li> <li>• Independent work (reading books, papers, etc.)</li> </ul>
<b>Laboratory Work</b>	<i>This course requires no laboratory work</i>
<b>Credit points</b>	<i>3 SKS which equivalent to 8 ECTS</i>
<b>Requirements according to the examination regulations</b>	<i>Minimum attendance of lectures 75%</i>
<b>Required and recommended prerequisites for joining the module</b>	<i>The students have taken and passed the philosophy of science and research methodology course</i>
<b>Module objectives/intended learning outcomes</b>	<i>-Able to understand systematic guidelines for writing scientific articles</i> <i>-Able to compile scientific articles</i>

<b>Content</b>	<i>Analysis of research topics, data processing techniques using origin software, compilation of bibliography and citations using mendeley software, and software introduction to check the level of plagiarism.</i>
<b>Exams and assessment formats</b>	<i>Minimum attendance of lectures 75%</i>
<b>Study and examination requirements</b>	<i>The final grade in the module consists of 50% of scientific article draft and 50% of in-depth interviews</i>
<b>Reading list</b>	<p>Badley, G. F. (2022). Common—Reading—Placing—Writing. Qualitative Inquiry, 10778004221077711.</p> <p>Day R.A., 1998. How to write &amp; publish a scientific paper. Oryx Press. Arizona</p> <p>Hailman J.P., Strier K.B, 2006. Planning, Proposing, and Presenting Science Effectively, 2nd Edition. Cambridge University Press. Cambridge.</p> <p>McMillan V.E. 2001. Writing papers in the Biological Sciences. Bedford/St. Martins. New York.</p> <p>Raimes, A. (1983). Techniques in teaching writing. Oxford University Press, 200 Madison Ave., New York, NY 10016 (ISBN-0-19-434131-3, \$5.95).</p>