


## MODULE HANDBOOK

	<b>UNIVERSITAS PADJADJARAN FACULTY OF MATHEMATICS AND NATURAL SCIENCES BACHELOR OF BIOLOGY PROGRAMME</b>	<b>COURSE CODE: D10D-2009</b>
<b>Module designation</b>	Literacy and Scientific Writing	
<b>Semester in which the module is taught</b>	2	
<b>Persons responsible for the module</b>	<ol style="list-style-type: none"> <li>1. Prof. Dr. Wawan Hermawan, MS.</li> <li>2. Dr. Keukeu K. Rosada</li> <li>3. Annisa, Ph.D</li> <li>4. Prof. Dr. Erri Noviar Megantara</li> <li>5. Asri Peni Wulandari, M.Sc., Ph.D</li> <li>6. Dr. rer. Nat. Tri Dewi K. Pribadi</li> <li>7. Nurullia Fitriani, MT</li> <li>8. Prof. Parikesit, M.Sc., Ph.D</li> </ol>	
<b>Medium of instruction</b>	Indonesian	
<b>Relation to curriculum</b>	Compulsory course	
<b>Teaching methods</b>	Lectures and discussions	
<b>Workload</b>	<p>Total workload : 5440 minutes = 90.67 hours</p> <p>Lecture and discussion : 2 x 50 minutes x 16 weeks = 1600 minutes = 26.67 hours</p> <p>Exercises : 2 x 60 minutes x 16 weeks = 1920 minutes = 32 hours</p> <p>Self-study : 2 x 60 minutes x 16 weeks = 1920 minutes = 32 hours</p>	
<b>Credit points</b>	2.00 (3.62 ECTS)	
<b>Required and recommended prerequisites for joining the module</b>	Indonesian Language	
<b>Module objectives/intended learning outcomes</b>	<ol style="list-style-type: none"> <li>1. Students understand ethics in scientific research and reporting</li> <li>2. Students are able to display systematics in scientific writing</li> <li>3. Students are able to compile scientific papers based on systematics and appropriate formats</li> <li>4. Students are able to search for scientific literature</li> <li>5. Students are able to do archive management</li> <li>6. Students are able to use software in compiling scientific writing</li> </ol>	
<b>Contents</b>	<p>Scientific Writing Techniques course is a compulsory course for Semester 2 (two) students. After learning the basic concepts of library literacy and digital documentation of scientific literature; systematics and techniques of writing scientific papers, students will have the ability to carry out archive management of scientific literacy results by utilizing practical methods and software to write scientific papers in the form of practicum reports, research projects, and theses. At the end of the lecture, the minimum achievement is tested in the form of a simple paper.</p>	
<b>Examination forms</b>	Quiz, Midterm exam, Assignment, and Final exam	
<b>Study and examination requirements</b>	The minimum attendance in lectures is 80%. Final grades are evaluated based on quiz (25%), midterm exam (25%), assignment (25%), and final exam (25%)	
<b>Reading lists</b>	<ol style="list-style-type: none"> <li>1. Spellman, F. R. and Price-Bayer, J. (2011). In Defense of Science: Why Scientific Literacy Matters. Lanham: Government Institutes.</li> <li>2. Turabian, K. L. (2013). A Manual for Writers of Research Papers, Theses, and Dissertations. 8th Edition. Chicago: The University of Chicago Press.</li> <li>3. Spires, H.A., Paul, C.M., and Kerkhoff, S.N. (2021). Digital Literacy for the 21st Century. Encyclopedia of information science and technology. Mehdi Khosrow-Pour, editor. Fourth edition. Hershey, PA</li> </ol>	