MODULE HANDBOOK

	UNIVERSITAS PADJADJARAN **FACULTY OF MATHEMATICS AND NATURAL SCIENCES** **BACHELOR OF BIOLOGY PROGRAMME**	**COURSE CODE:** **D10D-2009**
Module designation	Literacy and Scientific Writing	
Semester in which the module is taught	2	
Persons responsible for the module	1. Prof. Dr. Wawan Hermawan, MS. 2. Dr. Keukeu K. Rosada 3. Annisa, Ph.D 4. Prof. Dr. Erri Noviar Megantara 5. Asri Peni Wulandari, M.Sc., Ph.D 6. Dr. rer. Nat. Tri Dewi K. Pribadi 7. Nurullia Fitriani, MT 8. Prof. Parikesit, M.Sc., Ph.D	
Medium of instruction	Indonesian	
Relation to curriculum	Compulsory course	
Teaching methods	Student-Centered Learning, Project-based Learning, Collaborative Learning	
Workload	Total workload : 5440 minutes = 90.67 hours Lecture and discussion : 2 x 50 minutes x 16 weeks = 1600 minutes = 26.67 hours Exercises : 2 x 60 minutes x 16 weeks = 1920 minutes = 32 hours Self-study : 2 x 60 minutes x 16 weeks = 1920 minutes = 32 hours	
Credit points	2.00 (3.62 ECTS)	
Required and recommended prerequisites for joining the module	Indonesian Language	
Module objectives/intended learning outcomes	1. Students understand ethics in scientific research and reporting 2. Students are able to display systematics in scientific writing 3. Students are able to compile scientific papers based on systematics and appropriate formats 4. Students are able to search for scientific literature 5. Students are able to do archive management 6. Students are able to use software in compiling scientific writing	
Contents	1. Literacy and basic concepts of scientific work 2. Stages of scientific work preparation 3. Scientific writing techniques and data presentation 4. Scientific presentation techniques 5. Software applications in literature management and scientific writing	
Examination forms	Quiz, Midterm exam, Assignment, and Final exam	
Study and examination requirements	The minimum attendance in lectures is 80%. Final grades are evaluated based on quiz (10%), midterm exam (15%), assignment (10%), final exam (15%), project and participation (50%)	
Reading lists	1. Spellman, F. R. and Price-Bayer, J. (2011). In Defense of Science: Why Scientific Literacy Matters. Lanham: Government Institutes. 2. Turabian, K. L. (2013). A Manual for Writers of Research Papers, Theses, and Dissertations. 8th Edition. Chicago: The University of Chicago Press. 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	