

	<p style="text-align: center;">UNIVERSITAS PADJADJARAN FACULTY OF MATHEMATICS AND NATURAL SCIENCES</p> <p style="text-align: center;">MASTER OF SCIENCE IN BIOLOGY</p>	<p style="text-align: center;">COURSE CODE: D20D3101</p>
Module designation	Research and Dissemination	
Semester(s) in which the module is taught	3	
Person(s) responsible for the module	Program Coordinator Supervisors	
Medium of instruction	Indonesian	
Relation to curriculum	Mandatory course Master of Science in Biology	
Teaching methods	Discussion and presentation	
Workload	<p>Total workload: 13600 minutes (266.67 hours)</p> <p>CLASS</p> <p>Lecture and Discussion : 5 x 50'x 16 weeks = 4000 minutes (66.67 hours)</p> <p>Exercise : 5 x 60'x 16 weeks = 4800 minutes (80 hours)</p> <p>Private study : 5 x 60'x 16 weeks = 4800 minutes (80 hours)</p>	
Credit points	5.00 SKS (9.05 ECTS)	

Required and recommended prerequisites for joining the module	Research proposal and seminar
Module objectives/intended learning outcomes (CPMK)	<ol style="list-style-type: none"> 1. After completing this course, the students are able to carry out research according to scientific procedures and rules. 2. After completing this course, the students are able to compiling scientific descriptions of results in the form of scientific articles according to the rules and ethics of scientific writing. 3. After completing this course, the students are able to selecting target journals and academic events that match their research for publication. 4. After completing this course, the students are able to disseminating research results to the academic community in the form of oral presentations on a national and or international level.
Contents	The course provides knowledge and skill to the students to be able to develop research and skills to carry out their research procedures in the proposal, and then present some of their research results orally in national and or international dissemination in front of academic community.
Examination forms	Document of proposal and oral presentation
Study and examination requirements	Minimum attendance at lectures is 80%. Final score is evaluated based on draft of manuscript (20%), ppt for presentation (20%), document of progress report (30%), and certificate of dissemination (30%).
Reading lists	<ol style="list-style-type: none"> 1. Cooke, S. J., A.J. Gallagher, N.M. Sopinka, V.M. Nguyen, R.A. Skubel, N. Hammerschlag, S. Boon, N. Young, A.J. Danychuk. 2017. Consideration for effective science communication. FACETS, 2(1). 2. Hedges, L.V. 1984. Research synthesis: the state of the art. Int. J. Hum. Dev, 19(2):85-93. 3. Spector_Levy, O., B.S. Eylon, and Z. Scherz. 2009. Teaching scientific communication skills in science studies: does it make a different? International Journal of Science and Mathematics Education, 7(5): 875-903.