


**MODULE HANDBOOK**

	<b>UNIVERSITAS PADJADJARAN FACULTY OF MATHEMATICS AND NATURAL SCIENCES BACHELOR OF BIOLOGY PROGRAMME</b>	<b>COURSE CODE: D10D-60101</b>
<b>Module designation</b>	Protists and Invertebrates	
<b>Semester in which the module is taught</b>	5	
<b>Person(s) responsible for the module</b>	<ol style="list-style-type: none"> <li>1. Prof. Dr. Wawan Hermawan, MS</li> <li>2. Dr. Melanie, S.Si., M.Si</li> <li>3. Dr. Nurullia Fitriani S.Si.,M.Si</li> </ol>	
<b>Medium of instruction</b>	Indonesian	
<b>Relation to curriculum</b>	Elective course	
<b>Teaching methods</b>	Lectures, discussions, cooperative learning, and inquiry learning	
<b>Workload</b>	<p>Total workload : 5440 minutes = 90.67 hours</p> <p>Lectures, discussions, cooperative learning, and inquiry learning : 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>	Animal Taxonomy	
<b>Module objectives/intended learning outcomes</b>	<ol style="list-style-type: none"> <li>1. Able to understand the scope and scope of protists and invertebrates</li> <li>2. Able to explain phylogeny, taxonomy and diversity of protists and invertebrates</li> <li>3. Able to describe the morphological and physiological characteristics/characteristics of protists and invertebrate animals</li> <li>4. Able to explore bioprosects, ecological roles, and negative aspects of the existence of protists and invertebrates for humans and the environment</li> </ol>	
<b>Contents</b>	This course discusses diversity, biological aspects, ecological roles and the use of protists and invertebrates. Through this course, students are also encouraged to think critically through exploring studies and research on protists and invertebrates as well as assessing the negative impacts and important prospects of protists and invertebrates for humans and the environment.	
<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 Quizzes (25%), Assignments (25%), midterm exam (25%), and final exam (25%).	
<b>Reading lists</b>	<ol style="list-style-type: none"> <li>1. Brusca, R. C., &amp; Brusca, G. J. (2003). Invertebrates (No. QL 362. B78 2003). Basingstoke.</li> <li>2. Moore, J (2012). An Introduction to the Invertebrates 2<sup>nd</sup> Edition, New Hall, Cambridge</li> <li>3. Sleigh, M.A (1992). Protozoa and Other Protists. Cambridge University Press.</li> <li>4. Archibald, John M ; Simpson, Alastair G. B ; Slamovits, Claudio H (2017). Handbook of the Protists, Springer</li> </ol>	