

## MODULE HANDBOOK

	<b>UNIVERSITAS PADJADJARAN</b> <b>FACULTY OF MATHEMATICS AND NATURAL SCIENCES</b> <b>BACHELOR OF BIOLOGY PROGRAMME</b>	<b>COURSE CODE</b> <b>D10D-601017</b>
<b>Module designation</b>	Immunology	
<b>Semester(s) in which the module is taught</b>	6	
<b>Person(s) responsible for the module</b>	1. Dr. Desak Made Malini 2. Nining Ratningsih, M.I.L 3. Dr. Mia Miranti Rustama	
<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>	Total workload : 5440 minutes = 90.67 hours  Lectures, discussions, cooperative learning, and inquiry learning : 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	
<b>Credit points</b>	2,00 (3,62 ECTS)	
<b>Required and recommended prerequisites for joining the module</b>	1. Microbiology 2. Animal physiology	
<b>Module objectives/intended learning outcomes</b>	1. Able to know the working mechanism of each component of the immune system in the organism's body 2. Able to apply the working mechanisms of the immune system in the organism's body 3. Able to apply knowledge concepts related to immune diseases	
<b>Contents</b>	This course covers. knowledge of the working mechanisms of each component of the immune system, application of the working mechanisms of the immune system in the organism's body and being able to apply knowledge concepts related to immune diseases.	
<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>	1. Abdul Abbas, Andrew Lichtman, Shiv Pilla. 2019. Basic Immunology: Functions and Disorders of the Immune System. 6th Edition. 336 halaman. 2. Kenneth M. Murphy (Author), Casey Weaver (Author), Leslie J. Berg (Author). 2022. Janeway's Immunobiology Tenth Edition. 855 halaman	