

Neurobiology

Module name		<i>Neurobiology</i>				
Module level		4 th year of Bachelor program				
Abbreviation, if applicable		-				
Sub-heading, if applicable		-				
Courses included in the module, if applicable		BI4105 Neurobiology				
Semester/term		7 th Semester				
Module coordinator(s)		Dr. Lulu Lusianti Fitri				
Lecturer(s)		Dr. Lulu Lusianti Fitri				
Language		Indonesian				
Classification within the Curriculum		Elective courses for Bachelor Program in Biology				
Teaching format/ class hours per week during the semester		Lecture (face to face teaching): 2 x 1 hour x 12 weeks Assignment: Student class presentation/group: 2 hours x 2 weeks Quizzes: 15 minutes x 8 weeks				
Workload	Total Workload	96 hours; 2 Credits				
		Face to face teaching	Structured Activities	Independent study	Exam	Total
	Lecture	28	32	32	4	96
Credit points		<i>Neurobiology (2 Credits)</i>				
Requirements		-				
Content		<ol style="list-style-type: none"> 1. <i>Nervous system,</i> 2. <i>function and nerve mechanism,</i> 3. <i>synaptic and neurotransmitter,</i> 4. <i>learning,</i> 5. <i>neural integration,</i> 6. <i>synaptic plasticity,</i> 7. <i>neuromuscular junction,</i> 8. <i>integration and nervous control,</i> 9. <i>spinal nerve,</i> 10. <i>somatic reflex,</i> 11. <i>brain and its function.</i> 				
Learning goals/competencies		Students are able to : -explain basic concept of nervous system - explain correlation between nervous system with health and behavior				
Study/exam achievements		Exam				Total 100%
Forms of media		Classical teaching tools:		White board, power point presentation		
		Digital teaching tools:		Video/CD, Website		
Literature		<ol style="list-style-type: none"> 1. Fitzgerald, MJT. <i>et all.</i> 2007. Clinical neuroanatomy & neuroscience. 5th Ed. Saunders-Elsevier, Phildelphia. 2. Carlson, NR. 2004. Physiology of Behavior. 8th Ed. Pearson, New York. 3. Saladin, K. S. 2004. Anatomy Physiology. 3rd Edition. McGraw Hill. 				