

Module Descriptions

Module designation	Human Anatomy and Physiology <i>Anatomi dan Fisiologi Manusia</i>
Course Code	8420502012
Semester/Term	7 th semester
Person responsible for the module	Dr. Nur Kuswanti, M.Sc.St. Erlix Rakhmad Purnama, S.Si., M.Si. Firas Khaleyla, S.Si., M.Si.,
Language	Bahasa Indonesia (Indonesian language)
Relation to curriculum	Compulsory course
Teaching methods	Lecture
Workload	Contact hours: 2 x50 minutes lectures Private study: 2 x60 minutes structured activity, 2 x60 minutes individual activity Total 135 hours per semester ~ 4.77 ECTS**
Credit Point	2 CUs
Required and recommended prerequisites for joining the module	Biochemistry, Animal Structure and Development, Animal Physiology
Module Objectives/intended learning outcomes	<ol style="list-style-type: none"> 1. Mastery of the concepts of Human Anatomy and Physiology (<i>knowledge</i>) 2. Able to apply the concepts of Human Anatomy and Physiology in everyday life ((<i>knowledge</i>)) 3. Able to design/prepare, implement, and conduct simple research related to Human Anatomy and Physiology (<i>special competence</i>) 4. Able to make decisions based on data/information in order to complete assignments related to learning and laboratory activities related to Human Anatomy and Physiology (<i>general competence</i>) 5. Able to demonstrate a scientific attitude in biology learning and laboratory activities related to Human Anatomy and Physiology (<i>attitude dan social</i>)
Content	In this course, human anatomy and physiology are discussed, including the structure and function of the skeletal system, muscular system, nervous and sensory system, hormonal system,

	human digestive system, respiratory system, cardiovascular system, immune system, excretory system and reproductive system in humans, along with disorders, abnormalities and diseases related to each system.																														
Examination forms	Written exam																														
	<p>Study Requirement Attendance: students must attend at least 75% of the lectures to be eligible for the final examination.</p> <p>Study examination The final grade (NA) is calculated based on the following ratio:</p> <table border="1"> <thead> <tr> <th>Assessment Components</th><th>Percentage of contribution</th></tr> </thead> <tbody> <tr> <td>Participation</td><td>20%</td></tr> <tr> <td>Assignment</td><td>30%</td></tr> <tr> <td>Mid-semester test</td><td>20%</td></tr> <tr> <td>Final semester test</td><td>30%</td></tr> </tbody> </table>	Assessment Components	Percentage of contribution	Participation	20%	Assignment	30%	Mid-semester test	20%	Final semester test	30%																				
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Study and examination requirements	<p>Grade Conversion of 0-100 scale into 0-4 scale is set as below:</p> <table border="1"> <thead> <tr> <th>Letter</th><th>Number</th><th>Grade interval</th></tr> </thead> <tbody> <tr> <td>A</td><td>4.00</td><td>$85 \leq A \leq 100$</td></tr> <tr> <td>A-</td><td>3.75</td><td>$80 \leq A- < 85$</td></tr> <tr> <td>B+</td><td>3.50</td><td>$75 \leq B+ < 80$</td></tr> <tr> <td>B</td><td>3.00</td><td>$70 \leq B < 75$</td></tr> <tr> <td>B-</td><td>2.75</td><td>$65 \leq B- < 70$</td></tr> <tr> <td>C+</td><td>2.50</td><td>$60 \leq C+ < 65$</td></tr> <tr> <td>C</td><td>2.00</td><td>$55 \leq C < 60$</td></tr> <tr> <td>D</td><td>1.00</td><td>$40 \leq D < 55$</td></tr> <tr> <td>E</td><td>0.00</td><td>$0 \leq E < 40$</td></tr> </tbody> </table>	Letter	Number	Grade interval	A	4.00	$85 \leq A \leq 100$	A-	3.75	$80 \leq A- < 85$	B+	3.50	$75 \leq B+ < 80$	B	3.00	$70 \leq B < 75$	B-	2.75	$65 \leq B- < 70$	C+	2.50	$60 \leq C+ < 65$	C	2.00	$55 \leq C < 60$	D	1.00	$40 \leq D < 55$	E	0.00	$0 \leq E < 40$
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Reading List	<p>Guyton, A. C. 2010. Fisiologi Manusia dan Mekanisme Penyakit. Jakarta: EGC. Diterjemahkan oleh Adrianto P.</p> <p>Marrieb and Hoen. 2007. Human Anatomy and Physiology. Pearson ed Inc. San Fransisco.</p>																														

	<p>Hull, R. 2024. The Pocket Atlas of Anatomy and Physiology: A Concise Reference for students. Illionis: Lotus Publishing.</p> <p>Jones, R.A., S.B. Stoops, W.B.Cohn. 2020. Biology 319: Integrated Human anatomy and Physiology I Laboratory. Texas: Macmillan learning Curriculum Solution.</p> <p>Schillo, K. 2019. Human Anatomy and Physiology: Form, Function, and Homeostasis. USA: Cognella, Inc</p>
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