

Module designation	Human and Nutrition Biology
Semester(s) in which the module is taught	Even/4th
Person responsible for the module	dr. Kartika Ratna Pertiwi, M.Biomed.Sc., Ph.D. and drh. Tri Harjana, MP.
Language	Bahasa Indonesia
Relation to curriculum	Elective
Teaching methods	Lecture, project, seminar, exam
Workload (incl. contact hours, self-study hours)	Total workload is 91 hours per semester which consists of 100 minutes lectures, 120 minutes structured activities, and 120 minutes individual study per week for 16 weeks.
Credit points	2 SKS (3 ECTS)
Required and recommended prerequisites for joining the module	Animal Physiology
Module objectives/intended learning outcomes	PLO-2 PLO-6 PLO-8 PLO-11
Content	This course discusses the human body using systematic approach including the structure, function and biology variation, growth, adaptation and human nutrition index in terms of supporting the process and the function of physiology and organs to interact with various organs in running the homeostatic system.
Examination forms	Presence, mid-semester exam, final semester exam, case study, team based project.

Study and examination requirements	<p>The final mark will be weight as follow:</p> <table><tr><th>NO</th><th>Assessment Techniques</th><th>Percentage Weight Assessment (%)</th><th>Information</th></tr><tr><td>1</td><td>Cognitive</td><td>50</td><td>Maximum assessment weight accumulation 50%</td></tr><tr><td rowspan="3"></td><td>Presence</td><td>10</td><td></td></tr><tr><td>Mid-semester exams</td><td>20</td><td></td></tr><tr><td>Final Semester Exam</td><td>20</td><td></td></tr><tr><td>2</td><td>Participatory</td><td>50</td><td>Maximum assessment weight accumulation 50%</td></tr><tr><td rowspan="3"></td><td>Case study</td><td>25</td><td></td></tr><tr><td>Team Based Project</td><td>25</td><td></td></tr><tr><td><b>Total</b></td><td><b>100</b></td><td></td></tr></table>	NO	Assessment Techniques	Percentage Weight Assessment (%)	Information	1	Cognitive	50	Maximum assessment weight accumulation 50%		Presence	10		Mid-semester exams	20		Final Semester Exam	20		2	Participatory	50	Maximum assessment weight accumulation 50%		Case study	25		Team Based Project	25		<b>Total</b>	<b>100</b>	
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Reading list	<p>A. VanPutte, Cinnamon, Regan, Jennifer, Russo. 2021. Seeley's Essentials of Anatomy and Physiology. McGraw-Hill, New York.</p> <p>B. ASUPAN MAKRONUTRIEN DAN HUBUNGANNYA DENGAN OBESITAS REMAJA PUTRI DI YOGYAKARTA DAN SEKITARNYA PD Permatasari, KR Pertiwi - Kingdom (The Journal of Biological Studies), 2022.</p> <p>C. Derrickson, Bryan H., Tortora, &amp; Gerard J. 2017. Principles of anatomy and physiology. John Wiley, New York.</p> <p>D. Waugh, A &amp; Grant, A. 2018. Anatomy and Physiology in Health and Illness. Elsevier, Amsterdam.</p> <p>E. Saladin Kenneth S. 2021. Anatomy and Physiology: The Unity of form and function. McGraw-Hill, New York.</p> <p>F. Marieb, E. N. &amp; Hoehn, K. N. 2017. Human Anatomy and Physiology, Global Edition. Pearson, California.</p> <p>G. Anne Waugh, Allison Grant. 2018. Anatomy and Physiology in Health and Illness. Elsevier, Amsterdam.</p>																																