



UNIVERSITAS NEGERI YOGYAKARTA

FACULTY OF MATHEMATICS AND NATURAL SCIENCES
DEPARTMENT OF SCIENCE EDUCATION

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Bachelor of Education in Science

MODULE HANDBOOK

Module name:	Human Biology and Nutrition
Module level, if applicable:	Undergraduate
Code:	IPA 6226
Sub-heading, if applicable:	-
Classes, if applicable:	-
Semester:	4
Module coordinator:	Wita Setianingsih, M.Pd.
Lecturer:	Wita Setianingsih, M.Pd, Susilowati, M.Pd.Si
Language:	Bahasa Indonesia
Classification within the curriculum:	Compulsory course
Teaching format / class hours per week during the semester:	100 minutes lectures and 120 minutes structured activities per week.
Workload:	Total workload is 90.67 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
Prerequisites course(s):	General Biology
Targeted learning outcomes:	After taking this course the students have ability to: CO1. Show independence and responsible in carrying out individual tasks and group assignments. CO2. Able to use knowledge systematically in solving problems related in human biology and nutrition CO3. Can explain the basic knowledge about human body includes anatomical structure, physiology, the relationship between the two and the relationship of nutrition as a supporter of human growth and

	development.																								
Content:	Human biology and nutrition is intended to develop student competencies in understanding the human body, including discussion of the human body which includes anatomical structure, physiology (structure and function of the constituent systems of the human body), the relationship between the role of nutrition with the growth and development of the functional structure of the human body's constituent systems, calculate the nutritional needs in human body. The material and depth of this course are tailored to the needs of prospective junior high school science teachers. This study also covers the latest developments.. Activities in the form of a class discussion of certain topics ,																								
Study / exam achievements:	<p>The final mark will be weight as follow:</p> <table border="1"> <thead> <tr> <th>No</th> <th>CO</th> <th>Objek Penilaian</th> <th>Teknik Penilaian</th> <th>Weight</th> </tr> </thead> <tbody> <tr> <td rowspan="4">1</td> <td rowspan="4">CO1, CO2, CO3</td> <td>a. Tugas</td> <td>Tertulis dan Lisan</td> <td>25%</td> </tr> <tr> <td>b. Kuis</td> <td>Tertulis</td> <td>20%</td> </tr> <tr> <td>c. Ujian sub kompetensi</td> <td>Tertulis</td> <td>25%</td> </tr> <tr> <td>d. Ujian Akhir Semester</td> <td>Tertulis</td> <td>30%</td> </tr> <tr> <td colspan="3"></td> <td>Total</td> <td>100%</td> </tr> </tbody> </table>	No	CO	Objek Penilaian	Teknik Penilaian	Weight	1	CO1, CO2, CO3	a. Tugas	Tertulis dan Lisan	25%	b. Kuis	Tertulis	20%	c. Ujian sub kompetensi	Tertulis	25%	d. Ujian Akhir Semester	Tertulis	30%				Total	100%
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Forms of media:	Board, LCD Projector, Laptop/Computer																								
Literature:	<ol style="list-style-type: none"> 1. Arisman. 2010. Gizi dalam Daur Kehidupan. Jakarta: EGC. 2. Guyton. 1997. Fisiologi Kedokteran. Penerbit Buku Kedokteran EGC. Jakarta 3. Jacob, t., 2000. Antropologi Biologis.Jakarta: Dirjen Dikti Depdikbud 4. Marieb, N.M., 2007. Human Anatomy and Physiology. San Francisco: Pearson Education Inc 5. Merryana Adriani, Bambang Wirjatmadi. 2012. Peranan Gizi dalam Siklus Kehidupan. Jakarta: Kencana Prenadamedia Group 6. Soewolo, Basuki S, Yudani, T. 1999. Fisiologi Manusia. Malang: IMSTEP JICA, FMIPA UNM 7. Stuart and Fax I. 2006. Human Physiology. Mc – Hill, Ney York. <p>and other sources that are relevant both in the form of textbooks , journals and Internet resources that can be justified</p>																								

