

UIN SUNAN KALIJAGA YOGYAKARTA FACULTY OF SCIENCE AND TECHNOLOGY

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Undergraduate Programme in Biology

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MODULE HANDBOOK

Module Name	Nutrition and Health					
Module level, if applicable	Bachelor					
Code, if applicable	BIO425092					
Subtitle, if applicable	-					
Courses, if applicable	Nutrition and Health					
Semester(s) in which the module is	6 th (Sixth)					
taught						
Person responsible for the module	Siti Fatimah, MPH					
Lecturer(s)	Siti Fatimah, MPH					
Language	Bahasa Indonesia					
Relation to curriculum	Elective course in the fourth year (7 th semester) Bachelor Degree					
Type of teaching, contact hours	100 minutes lectures, 120 minutes structured activities, 120 minutes individual study, and 170 minutes practicum per week.					
Workload	Total workload is 134 hours per semester, which consists of 100 minutes lectures per week for 16 weeks, 120 minutes structured activities per week, 120 minutes individual study and 170 minutes practicum per week (in total is 16 weeks per semester, including mid exam and final exam).					
Credit points	3 credits (4,5 ECTS)					
Requirements according to the	Students must meet a minimum attendance of 75% of the total meetings to be able					
examination regulations	to take the final exam					
Recommended prerequisites	No prerequisites stated on					
Module objectives/intended learning	After completing this course, the students:					
outcomes	 CO 1. Students are able to understand the meaning, objectives and scope of health nutrition. CO 2. Students are able to analyze and explain the metabolism of carbohydrates, lipids, proteins, vitamins and minerals. CO 3. Students are able to identify the application of balanced nutrition in society 					
Content	Basic concepts of nutrient metabolism Water and mineral metabolism					
	3. The role of hormones and enzymes					
	4. Carbohydrate metabolism					
	5. Protein metabolism					
	6. Fat metabolism					
	7. Metabolism of fat and water soluble vitamins					
	8. Nutritional Problems in Indonesia (Micro and Macro)					
	9. Basis for assessing nutritional status					



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	10. Ba	lanced nutrit	ion in spec	ial group	os			
Study and examination requirements	The final mark will be weighted as follows:							
and forms of examination	NO	Assessmen	Weight (percentage)					
	1	Final Exami	25%					
	2	Mid-Term E	25%					
	3	Class Activi	20%					
	4	Practicum					30%	
		Value	Value		Value	Value		
	NO	Number	Letter	NO	Number	Letter		
			1					
	1	≥ 95	Α	7	65-69.99	B/C		
	2	90-94.99	Α-	8	60-64.99	C+		
	3	85-89.99	A/B	9	55-59.99	С		
	4	80-84.99	B+	10	50-54.99	C-		
	5	75-79.99	В	11	55-34.99	D		
	6	70-74.99	B-	12	<35	E		
Media employed	White-board, Lcd Projector, e-learning (https://daring.uin-suka.ac.id/)							
Reading list	2. C	, , , , , , , , , , , , , , , , , , , ,						

PLO and CO Mapping

	PLO 1	PLO 2	PLO 3	PLO 4	PLO 5	PLO 6	PLO 7	PLO 8	PLO 9	PLO 10	PLO 11
CO 1					٧						
CO 2				V							
CO 3										٧	