

**Asia University**  
**Department of Food Nutrition and Health Biotechnology**

**Courses for 2021~22 Admitted Undergraduate Students**

Category	Course Titles	Year	Semester	Credits	Hours		Note
					Lecture	Lab	
Common	Literature Appreciation	1 <sup>st</sup>	Fall	2	2	0	
	Literature and Life	1 <sup>st</sup>	Spring	2	2	0	
	English for General Purposes (1)	1 <sup>st</sup>	Fall	3	3	0	
	English for General Purposes (2)	1 <sup>st</sup>	Spring	3	3	0	
	English for General Specific Purposes: English for Medical and Nursing Purposes	2 <sup>nd</sup>	Fall or Spring	2	2	0	
	Information and Technology	1 <sup>st</sup>	Fall	2	2	0	
	Computer Programming and Artificial Intelligence Application	1 <sup>st</sup>	Spring	2	2	0	
	Health and Life	1 <sup>st</sup>	Fall	2	2	0	
	History and Culture	1 <sup>st</sup>	Fall	2	2	0	
	Entertainment and Intellectual Property Law	1 <sup>st</sup>	Spring	2	2	0	Select one of the 3 courses
	Law & Life						
	Love, Gender and Law						
	Design Thinking and Innovation	1 <sup>st</sup>	Spring	2	2	0	Select one of the 2 courses
	Esthetics accomplishment						
	Physical Education (1)~(4)	1 <sup>st</sup> & 2 <sup>nd</sup>	Fall and Spring	0	2	0	
	All-out Defense Education Military Training --International Situations	1 <sup>st</sup>	Fall and Spring	0	2	0	Two of the 5 courses will be scheduled for each semester
	All-out Defense Education Military Training--National Defense Policies						
	All-out Defense Education Military Training--Civil Defense						
	All-out Defense Education Military Training--Defense Mobilization						
	All-out Defense Education Military Training--Defense Mobilization						
	Service and Learning (1)(2)-Practice	1 <sup>st</sup>	Fall and Spring	0	1.5	0	

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Common	Core Requirements (cont'd)	Service and Learning (1)(2)-Lecture	1 <sup>st</sup>	Fall and Spring	0		0	
		General Required (Core) Courses			6	2 for each course	0	Categories of Humanities, Social science, and Applied life science
		General Literacy Series (non-credit)	1 <sup>st</sup> to 4 <sup>th</sup>	Fall and Spring	1			
	College Core Requirements	General Chemistry	1 <sup>st</sup>	Fall	3	3		
		General Chemistry Experiment	1 <sup>st</sup>	Fall	1		3	
		General Biology	1 <sup>st</sup>	Fall	3	3		
		General Biology Experiment	1 <sup>st</sup>	Fall	1		3	
		Organic Chemistry	1 <sup>st</sup>	Spring	3	3		
		Organic Chemistry Experiment	1 <sup>st</sup>	Spring	1		3	
	Department Core Requirements	Principles of Food Science	1 <sup>st</sup>	Fall	2	2		
		Nutrition (1)	1 <sup>st</sup>	Spring	2	2		
		Human Physiology	1 <sup>st</sup>	Spring	2	2		
		Nutrition (2)	2 <sup>nd</sup>	Fall	2	2		
		Analytical Chemistry	2 <sup>nd</sup>	Fall	2	2		
		Nutrition Throughout Life Stages	2 <sup>nd</sup>	Fall	2	2		
		Health to Cosmetology	2 <sup>nd</sup>	Fall	2	2		
		Biochemistry (1)	2 <sup>nd</sup>	Spring	2	2		
		Microbiology	2 <sup>nd</sup>	Spring	2	2		
		Food Hygiene and Safety	3 <sup>rd</sup>	Fall	2	2		
		Food Additives	3 <sup>rd</sup>	Fall	2	2		
Biochemistry Laboratory		3 <sup>rd</sup>	Fall	1		3		
Health Biotechnology		3 <sup>rd</sup>	Spring	2	2			
Biostatistics		3 <sup>rd</sup>	Spring	2	2			
Food Safety Control System	3 <sup>rd</sup>	Spring	2	2				
Practical Training	4 <sup>th</sup>	Spring	1					

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Professional Electives	Healthy Cosmetics Program	Cosmetology (1)	2 <sup>nd</sup>	Fall	2		3	Practical	
		Cosmetology (2)	2 <sup>nd</sup>	Spring	2		3	Practical	
		Traditional Chinese Medicinal Cosmetology and Practice	2 <sup>nd</sup>	Spring	2	2			Theoretical and Practical
		Aromatics and Application Practice	2 <sup>nd</sup>	Spring	2	2			Theoretical
		Pharmaceutical Cosmetics	3 <sup>rd</sup>	Fall	2	2			Theoretical
		Formulation & Production of Cosmetics	3 <sup>rd</sup>	Fall	2	2			Theoretical
		Cosmetic and health care	3 <sup>rd</sup>	Fall	2	2			Theoretical
		Functional Cosmetics	3 <sup>rd</sup>	Spring	3	3			Practical
		Cosmetic Design and Marketing Practice	3 <sup>rd</sup>	Spring	2	2			Practical
		Formulation & Production of Cosmetics Laboratory	3 <sup>rd</sup>	Spring	1			3	Practical
		Quality Control and Regulations of Cosmetics Industry	4 <sup>th</sup>	Fall	2	2			Theoretical
		Practice in Medical Cosmetics Industry	4 <sup>th</sup>	Fall	2	2			Theoretical and Practical
		Assays for Cosmetics	4 <sup>th</sup>	Fall	2	2			Practical
		Assays for Cosmetics Laboratory	4 <sup>th</sup>	Fall	1			3	Practical
	Food and Nutrition Program	Principles of Food Science Laboratory	1 <sup>st</sup>	Fall	1			3	Practical
		Nutrition Laboratory	1 <sup>st</sup>	Spring	1			3	Practical
		Food Processing	2 <sup>nd</sup>	Fall	3	3			Theoretical
		Food Chemistry	2 <sup>nd</sup>	Fall	3	3			Theoretical
		Meal Planning	2 <sup>nd</sup>	Fall	1	1			Theoretical
		Meal Planning Experiment	2 <sup>nd</sup>	Fall	1			3	Practical
		Food Analysis	2 <sup>nd</sup>	Spring	2	2			Theoretical
		Dietary Therapy (1)	2 <sup>nd</sup>	Spring	2	2			Theoretical
		Dietary Therapy Laboratory	2 <sup>nd</sup>	Spring	1			3	Practical
		Nutrition Assessment	2 <sup>nd</sup>	Spring	2	2			Theoretical
		Food Microbiology	3 <sup>rd</sup>	Fall	2	2			Theoretical
Biochemistry (2)	3 <sup>rd</sup>	Fall	2	2			Theoretical		
Quantity Food Production Planning & Management	3 <sup>rd</sup>	Fall	2	2			Theoretical		
Quantity Food Production Planning & Management Laboratory	3 <sup>rd</sup>	Fall	1			3	Practical		

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Professional Electives	Food and Nutrition Program (cont'd)	Dietary Therapy (2)	3 <sup>rd</sup>	Fall	3	3		Theoretical
		Clinical Nutrition	3 <sup>rd</sup>	Spring	2	2		Practical
		Public Health Nutrition	3 <sup>rd</sup>	Spring	2	2		Theoretical
		Management of Food Processing Plants	4 <sup>th</sup>	Fall	2	2		Theoretical
Free Electives		Food Processing Laboratory	2 <sup>nd</sup>	Fall	1		3	
		Microbiology Laboratory	2 <sup>nd</sup>	Spring	1		3	
		Food Analysis Laboratory	2 <sup>nd</sup>	Spring	1		3	
		Food Microbiology Laboratory	3 <sup>rd</sup>	Fall	1		3	
		Nutrition Counseling and Education	3 <sup>rd</sup>	Fall	2	2		
		Modeling Design	3 <sup>rd</sup>	Fall	2	2		
		Case Reading	3 <sup>rd</sup>	Spring	1	1		
		Literature Study	3 <sup>rd</sup>	Spring	1	2		
		Basic Nutrition Internship	3 <sup>rd</sup>	Spring	1	2		
		Nutrition for Intestinal and Intravenous Application	3 <sup>rd</sup>	Spring	2	2		
		Medical Cosmetics Instruments	3 <sup>rd</sup>	Spring	2	2		
		Molecular Biology	4 <sup>th</sup>	Fall	2	2		
		Nutritional Biochemistry	4 <sup>th</sup>	Fall	2	2		
		Nutrition and Long-Term Care for the Elderly	4 <sup>th</sup>	Fall	2	2		
		Clinical Nutrition Practicum	4 <sup>th</sup>	Spring	3			
		Dietary Management Practicum	4 <sup>th</sup>	Spring	2			
		Community Nutrition Practicum	4 <sup>th</sup>	Spring	1			

## 7+1 Diversion Internship Program

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					Lecture	Lab	
Diversion Internship Program of Application in Health Industry	Internship in Industry	4 <sup>th</sup>	Spring	3			
	Ethics for worksite	4 <sup>th</sup>	Spring	2			
	Healthcare industry Marketing and Communication	4 <sup>th</sup>	Spring	2			
	Chain Store Service	4 <sup>th</sup>	Spring	2			