

Subject category	Subject name	Credit points	Cross-disciplinary subjects	First academic year		Second academic year		Third academic year		Fourth academic year		Fifth academic year		Remarks	
				F	S	F	S	F	S	F	S	F	S		
General education courses	Chinese	6	Unlimited	3	3										
	English B9B01968、 B9B01969	4	Unlimited	2	2									2 credits for each semester.	
	Introduction to Oceanography B9M01Z64	2	Unlimited		2									Liberal arts courses	
	11- Liberal arts courses	6	Unlimited		2	2	2							Elective courses	
	19- Physical education courses	0	Unlimited	0	0	0	0							2 hours of class per week.	
	English Graduation Requirements B9D03TVS	0	Unlimited						0						According to the university's English graduation requirements, students who do not meet the English proficiency standards during their studies must provide proof of failure. After review and registration by their department, they are required to take the 'English Improvement' course (zero credits). Only by passing this course can they be eligible for graduation.
	Swimming Graduation Requirements B92A12P5	0	Unlimited								0				The following conditions must be met for swimming proficiency: 1. Completion of a swimming course during the academic period. 2. Participation in the university's swimming proficiency test and obtaining certification from the sports department for successfully swimming a distance of fifty meters.

														3. Participation in recognized swimming competitions with documented proof of participation or achievements. 4. Submission of a medical certificate stating the inability to engage in swimming activities, specifying the duration of the restriction, and if the restriction extends beyond the student's remaining period of study.
	Introduction to Artificial Intelligence B9M01024	2	4	2										Liberal arts courses
Subtotal of general education course credits		20		7	9	2	2	0	0	0	0	0	0	
Academy required courses	General Chemistry(I) B3201L6L	2	Unlimited	2										
	General Chemistry(II) B3201L6N	2	Unlimited		2									
	General Chemistry Lab.(I) B3201L6M	1	Unlimited	1										
	General Chemistry Lab. (II) B3201L6P	1	Unlimited		1									
	Introduction Fishery Sciences B3201295	2	Unlimited	2										
	Biology(I) B320145P	3	Unlimited	3										
	Biology Lab. B321144Q	1	Unlimited	1										2 hours of lab work
	Microbiology(I) B32030Y9	3	Unlimited			3								
	Microbiology Lab.(I) B3203M82	1	Unlimited			1								3 hours of lab work

	Biochemistry (I) B320245A	3	Unlimited				3							
	Biostatistics B3203463	3	Unlimited					2						
	Programming and Data Processing B32012W0	2	Unlimited		2									
Subtotal of credits	departmental required	24		9	5	4	3	3	0	0	0	0	0	
Departmental Required Courses of Specialty	General Physics (I) B3201837	2	Unlimited	2										
	Fundamental Food Engineering B3201I21	3	Unlimited		3									
	Food Products Technology (1) B3202A31	3	Unlimited			3								
	Analytical Chemistry(I) B320216I	2	Unlimited			2								
	Analytical Chemistry Lab(I) B320216J	1	Unlimited			1								
	Organic Chemistry(I) B320260C	3	Unlimited			3								
	Organic Chemistry Lab(I) B320260D	1	Unlimited			1								
	Analytical Chemistry(II) B320216L	2	Unlimited				2							
	Analytical Chemistry Lab. (II) B320216M	1	Unlimited				1							
	Organic Chemistry(II) B320360G	3	Unlimited				3							

Organic Chemistry Lab. (II) B320260H	1	Unlimited				1								
Food Products Technology (II) B3202A3B	3	Unlimited				3								
Biochemistry Lab. (I) B3202448	1	Unlimited				1								3 hours of lab work
Food Chemistry (I) B3203A25	3	Unlimited					3							
Food Products Technology Lab. (I) B3203A29	2	Unlimited					2							4 hours of internship
Food Analysis Lab.(I) B39030GJ	2	Unlimited					2							4 hours of lab work
Marine Biochemistry (I) B3203277	2	Unlimited						2						
Microbiology of Foods B3203A54	3	Unlimited						3						Prerequisite: General Microbiology II
Nutrition B3203U82	3	Unlimited						3						Prerequisite: Biochemistry (II)
Seminar B3204I38	1	Unlimited								1				
Microbiology of Foods Lab. B3204A53	2	Unlimited								2				4 hours of lab work
Food Sanitation and Safety B3204A19	2	Unlimited								2				
Subtotal of departmental required courses of specialty credits	48		2	5	10	11	7	8	0	5	0	0		
Total credits	92		18	19	16	16	10	8	0	5	0	0		
Total required credits										100				
Minimum elective credits										28				
Minimum graduation credits										128				

<p>Note on minimum elective credits</p>	<ol style="list-style-type: none"> 1. General Microbiology II (3 credits), Biochemistry II (3 credits), and Special Topics (2 credits) are required elective courses. 2. Military training courses are limited to a maximum of 2 credits towards graduation. 3. Elective course credits from departments outside the College of Life Sciences can be approved up to a maximum of 12 credits, which will count towards the total graduation credits. 4. Credits earned from physical education courses are not included in the graduation credit calculation. 5. Students pursuing a double major within the department must complete all required courses of the department. 6. Transfer students can have up to 12 credits from their previous department recognized, which will count towards the total graduation credits.
<p>Note on minimum graduation credits</p>	
<p>Remarks</p>	<p>Students pursuing a double major within the department must complete all the required courses of the department.</p>