

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	4	Unlimited	2	2									Different course numbers require completing the necessary credits.
	Introduction to Artificial Intelligence B9M01024	2	Unlimited	2										Common Liberal Arts Required Courses for the First Year.
	Introduction to Oceanography B9M01Z64	2	Unlimited	2										Common Liberal Arts Required Courses for the First Year.
	11- Liberal arts courses	14	4		2	2,2	2,2	2,2						This field includes four major sub-areas: Humanities Exploration, Social Dynamics, Technological Innovation, and Cross-disciplinary Sustainability. At least 2 credits must be earned in Cross-disciplinary Sustainability, and up to 4 credits can be recognized in each sub-area.
	English B9B01968 、 B9B01969	4	Unlimited	2	2									First-year students must complete 2 credits of English in each semester.
	38-Advanced English	3	Unlimited			2								
	English Graduation Requirements B9D03TVS	0	Unlimited						0					According to the English graduation threshold implementation guidelines of our university, students who do not meet the university's English proficiency standards during their academic tenure must provide proof of failure. After review and registration by

														each department, students must additionally take the "English Enhancement" course (zero credits) to replace the English proficiency test. Graduation is only possible after passing this supplementary course.
	19- Physical education courses	0	Unlimited	0	0	0	0							The course meets for 2 hours per week, and students are required to complete a four-semester zero-credit compulsory course, including a minimum of one semester of swimming. However, students eligible for exemption from the swimming course according to the university's regulations are excused and must take another physical education course instead.
	Swimming Graduation Requirements B92A12P5	0	Unlimited											To meet the criteria, one of the following must be fulfilled: Completion of a swimming course during the academic period. Participation in the university's swimming proficiency test, certified to complete a 50-meter swim by the Physical Education Office. Participation in a swimming competition with recognized proof of participation or achievement from the organizing body. Medical certification indicating inability to engage in swimming activities, specifying the period during which swimming is prohibited or not feasible. This period must exceed the remaining

	Data Structure B8102N57	3	Unlimited				3							
	Engineering Mathematics B8112086、B8122086	6	Unlimited			3	3							
	Probability and Statistics B8112T84、 B8122T84	4	Unlimited			2	2							
	Fluid Mechanics B8102925	3	Unlimited				3							
	Database Application B8103269	3	Unlimited					3						
	Numerical Analysis B8103S01	3	Unlimited						3					
	Ocean Wave B8104794	2	Unlimited						2					
Subtotal of credits	departmental required	58		14	14	11	11	3	5	0	0	0	0	
Total credits		86		22	20	17	15	7	5	0	0	0	0	
Total required credits		86												
Minimum elective credits		42												
Minimum graduation credits		128												
Note on minimum elective credits		Students must complete at least 30 credits of professional elective courses in the department to graduate.												
Note on minimum graduation credits		<ol style="list-style-type: none"> 1. Students admitted in the 113 academic year must complete at least 30 credits of professional elective courses in the department, in addition to the required credits, to graduate. 2. The department recognizes 2 credits of National Defense Education courses as elective credits from other departments, but these do not count towards liberal arts credits. 3. The department accepts a maximum of 12 credits of elective courses from other departments. 4. After completing marine science courses, students must pass the marine science proficiency exam organized by the College of Marine Sciences starting from their second year. 5. Students pursuing a double major in this department must complete all required courses for the department. 												
Remarks														