National Taiwan Ocean University

0507-Department of Computer Science and Engineering (For the academic year 2024; Admission Status: International Students)

Subject category	Subject name	Credit	Cross- disciplinary subjects	acad ye	First academic year		Second academic year		Third academic year		Fourth academic year		fth emic ar	Remarks
	12- Chinese	4	Unlimited	F 2	S 2	F	S	F	S	F	S	F	S	Courses with different course numbers are acceptable as long as the required credits are met.
General Education Courses	English B9B01968 \ B9B01969	4	Unlimited	2	2									English Credit Exemption Regulations: a) Passing the preliminary test of the General English Proficiency Test (GEPT) at the intermediate level exempts two credits of freshman English. b) Passing the intermediate-level retest of the GEPT exempts four credits of freshman English. c) Passing the preliminary test of the GEPT at the advanced level exempts four credits of freshman English and two credits of advanced English. d) Scores from English proficiency tests approved by the Ministry of Education that are equivalent to the above levels can be handled according to these regulations.
	19- Physical education courses	0	Unlimited	0	0	0	0							Classes meet for 2 hours per week (physical education 1 credit is non-exemptible). At least one semester of a swimming course must be completed.
	Introduction to Artificial Intelligence	2	Unlimited	2										In the first semester, the course "Introduction to Artificial

	B9M01024													Intelligence" (2 credits) is mandatory.
	Introduction to Oceanography B9M01Z64	2	Unlimited		2									In the second semester, the course "Introduction to Marine Science" (2 credits) is mandatory.
	38- Advanced English	2	Unlimited			2								
	11- Liberal arts courses	14	2			2,2	2,2	2,2	2					The courses in this field include four major subfields: Humanities Exploration, Social Dynamics, Technological Innovation, and Interdisciplinary Sustainability. A minimum of two credits must be earned in Interdisciplinary Sustainability, and a maximum of four credits can be recognized in each subfield.
	Swimming Graduation Requirements B92A12P5	0	Unlimited					0						
	English Graduation Requirements B9D03TVS	0	Unlimited					0						According to the university's English graduation threshold guidelines, students who do not meet the English proficiency standards during their studies must provide proof of not passing. After verification and registration by their respective departments, they are required to take the "English Enhancement" course (zero credits) as a substitute for the English proficiency test. Only those who pass this course will be eligible to graduate.
credits	eneral education course	28		6	6	6	4	4	2	0	0	0	0	
Required Courses	Discrete Mathematics B5701V75	3	Unlimited	3										

Introduction to Programming B5701M33	3	Unlimited	3							
Introduction to Computer Science B57011RQ	3	Unlimited	3							
Calculus B5711M97 \ B5721M97	6	Unlimited	3	3						
Linear Algebra B5701S60	3	Unlimited		3						
Digital Logic B5702R9E	3	Unlimited		3						
Laboratory of Digital Design B5702R9F	1	Unlimited		1						3 hours of internship per week
Introduction to Programming(II) B5701M3J	3	Unlimited		3						Achieve a score of 50 in Introduction to Programming to be eligible for Introduction to Programming(II)
Probability Theory B5702T0E	3	Unlimited			3					
Introduction to Data Structures B5701N57	3	Unlimited			3					Achieve a score of 50 in Introduction to Programming or Introduction to Programming (II) to be eligible for Data Structures.
Computer Organization B5702988	3	Unlimited			3					
Introduction to Algorithms B5702P98	3	Unlimited				3				
Computer Network B5702P36	3	Unlimited				3				
Operation Systems B5703660	3	Unlimited					3			

	Computer Projects (I)	3	Unlimited						3					Please confirm the course section with your project advisor.
	Computer Projects (II)	3	Unlimited							3				Please confirm the course section with your project advisor.
	Seminar B5704N59	1	Unlimited								1			
Subtotal of r	required courses credits	50		12	13	9	6	3	3	3	1	0	0	
	otal credits	78		18	19	15	10	7	5	3	1	0	0	
	required credits	78												
	m elective credits	57												
Minimun	n graduation credits	135												
	nimum elective credits	 Departmental elective credits must total at least 46 credits, with at least 12 credits coming from core elective courses. External elective credits: (1) Credits from programs, minors, or mandatory courses already counted cannot be included as external elective credits. (2) All required and elective courses from other departments. (3) Departmental electives. (4) Courses from the e-Commerce program (no credit limit, but "Introduction to Computers," "Web Design and Implementation," "Internet and Server Management," and "Introduction to Database Systems" are not included in graduation credits). (5) Up to 8 credits can be exempted from general education courses. 												
Note on mini	mum graduation credits													
Remarks Credits for military training and physical education from the College of Electrical Engineering and Electrical En							nd Co imum this d	mpute of 6 c epartn	er Scieredits	ence the contract of the contr	nat are letails.	not pleas	part of the designated program can be se refer to the undergraduate academic	