

Curriculum for Bachelor Degree Program (for 109 Academic Year Students)

Number of credits for graduation is 137, including

Course	⓪Languages	⓪Fundamental (College)	Specialized (Dept.)			⓪General Education	Credits for Graduation
	Required	Required	⓪Required	⓪Elective		Required	
Credits	8	18	53	35	3 Our Dept. or Others	20	137

*** Freshmen who enrolled after Fall of 2017 shall take 'EXPLORING TAINAN'. (0 credit)****【Languages】 (8, required) *Complete before Graduating****1. Basic Chinese: 4 credits**

International student may take course at Chinese Language Center [Inst. Code: AH] for waiving 'Basic Chinese' [Inst. Code: A7].

2. Foreign Language: 4 credits [Inst. Code: A1]

(1) Student must pass **foreign language proficiency test** for graduation (see Page 2).

(2) International students who take the official language of their nationality will not be recognized as general course credit.

【Fundamental Courses】 (18, Required)

Course Name	Credits	Course Name	Credits
GENERAL PHYSICS (1)(2)	6	GENERAL PHYSICS LAB. (1)(2)	2
Chemistry	3	Chemistry LAB.	1
Calculus (1)(2)	6		

【Specialized Courses】 (53 credits, Required)

Course Name	Credits	Course Name	Credits
ENGINEERING GRAPHICS (1)(2)	2	INTRODUCTION TO COMPUTERS	3
APPLIED MECHANICS	3	ENGINEERING MATHEMATICS (1)(2)	6
SURVEYING	3	SURVEYING PRACTICE	1
ENGINEERING MATERIALS LAB.	1	ENGINEERING MATERIALS	3
TRANSPORTATION ENGINEERING	3	DYNAMICS	3
FLUID MECHANICS	3	MECHANICS OF MATERIALS (1)	3
SOIL MECHANICS	3	ENGINEERING GEOLOGY	3
ENGINEERING PROJECT MANAGEMENT	3	SOIL MECHANICS LAB.	1
REINFORCED CONCRETE	3	STRUCTURAL THEORY(1)	3
DESIGN PRACTICE OF CIVIL ENGINEERING	3		

【Specialized Courses】(35 credits, Elective)

系專業選修 35 學分可含土環學群及規劃與設計學院之課程至多 6 學分，惟該課程與本系專業課程名稱或內容相似者，不予承認。

Note: Department allows that 35 credits include maximum 6 credits at College of Engineering, or College of Planning and Design. Similar course name or contents will not be admitted.

- College of Engineering: Dept. of Hydraulic and Ocean Engineering, Dept. of Geomatics, and Dept. of Environmental Engineering
- College of Planning and Design: Dept. of Architecture, Dept. of Industrial Design, Dept. of Urban Planning, and Institute of Creative Industries Design

Note: Courses in other departments as above should be admitted by our department by application form.

【Specialized Courses (Required Elective)】

Course Name	Credits	Course Name	Credits
HYDROLOGY	3	ENVIROMENTAL ENGINEERING	3
STRUCTURAL THEORY(II)	3	MECHANICS OF MATERIALS (2)	3
FOUNDATION ENGINEERING	3		

Students shall complete above courses before graduating. Students won't need to take courses again if they failed.

【General Education】(20 credits, Required)

Please refer to '[National Cheng Kung University General Course Enrollment Guideline](#)' for more information.

1. EXPLORING TAINAN: 1 credit
2. "Area Courses": Students are required to earn 4-19 credits from at least three out of the five study areas (Humanities, Social Sciences, Natural and Engineering Sciences, Life Sciences and health and Interdisciplinary Integration) according to their interest and needed cross domain profession.
 - (1) Students can take courses from other departments and transfer to general course credit. However, the transfer must be made during the semester in which the course was taken. Credit transfer has to be approved by the students' department (transferred course can't be the same as required or elective course in the department) and the Center of General Education, and the maximum number of course credits transferred is 6.
 - (2) Foreign Language course other than English taken at NCKU or other schools can be transfer to general course credit in the humanities area. However, international students cannot take the official language of their country of origin. The maximum number of credits is 4.
3. "Comprehensive Courses" includes 'Leadership Forum', 'General Education Lecture Series', 'General Education Forum', 'Learning by Practice' and 'Capstone Courses'. Students are required to earn 1~15 credits from this course. Foreign students (except students from China) can take Area Courses in replacement of Comprehensive Courses.

4. 【English Proficiency Test】

Student shall B1 proficiency level in English according to the CEFR with one of the followings:

- (1) Achieving GEPT Intermediate Level
- (2) Achieving 57 or higher on the TOEFL iBT
- (3) Achieving 4.0 or higher on the IELTS
- (4) Achieving 550 or higher on the TOEIC
- (5) Achieving Preliminary Level (PET) on the Cambridge Main Suite
- (6) Achieving 40 or higher on the BULATS
- (7) Achieving other standardized tests equivalent to CEFR-B1 level

Students who have not successfully reached the required threshold may take Online Remedial English (a zero-credit, semester, optional course) or other courses specified by respective departments. Students who successfully pass the required courses are recognized as fulfilling the English proficiency requirements for graduation. The Notes for registering in Online Remedial English are specified separately

IN THE EVENT OF ANY DISCREPANCIES, THE CHINESE VERSION WILL PREVAIL.