

Curriculum for Bachelor Degree Program (for 106 Academic Year Students)

Number of credits for graduation is 137, including

Course	① Languages	② Fundamental (College)	Specialized (Dept.)			⑤ General Education	Credits for Graduation
	Required	Required	③ Required	④ Elective		Required	
Credits	8	18	53	35	3	20	137
					Our Dept. or Others		

*** Students must take 'EXPLORING TAINAN'. (0 credit)**

① 【 Languages 】 (8, required) *Complete before Graduating

1. Basic Chinese: 4 credits

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

(1) Students must pass **English Exam** for graduation (see Page 2)

(2) Students who were born in an English-speaking country can choose other languages

② 【 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		

③ 【 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		

④ 【 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		

【Specialized Courses】(35 credits, Elective)

系專業選修 35 學分可含土環學群(水利系、測量系與環工系)及規劃與設計學院(建築系、工設系、都計系與創意產業設計研究所)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: Dept. 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 an application form.

⑤ 【General Education】(20 credits, Required)

See Page 3

【English Proficiency Test】

Students must pass one of proficiency levels as following before graduation:

1. The 1st stage of high-intermediate level in the GEPT
2. Score of more than 87 on the iBT TOEFL
3. Score of more than 5.5 on the IELTS
4. Score of more than 785 on the TOEIC
5. Passing Cambridge Main Suite at the FCE level
6. Score of more than 60 on BULATS
7. Score of more than 61 on the Oxford Online Placement Test

※ If students can't pass exam after completing 4 credits of International Language, they will need to take 'ON LINE REMEDIAL ENGLISH' (0 credit, required) for one semester.

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

National Cheng Kung University General Course Enrollment Guideline

(Starting 106 Academic Year)

106.07.26 105 school year third general education committee meeting revised and approved

1. Undergraduate freshmen are required to take Exploring Tainan (0 credit), Language courses (8 credits), Area Courses (14-19 credits) and Comprehensive Courses (1-6 credits) which makes up a total of 28 credits. Courses will be announced by the Center of General Education each semester.
Exploring Tainan (0 credit) is a course required of 106 academic freshmen.
2. “Language Courses” include Basic Chinese (4 credits) and Foreign Languages (4 credits).
 - A. “Basic Chinese” - Planned by the Department of Chinese Literature and the course names will be announced by the Center of General Education each semester. Students from the Department of Chinese Literature are required to take elective courses (4 credits) from their department in replacement. International students (not include Mainland Chinese students) can take Chinese classes as a replacement.
 - B. “Foreign Languages” – Follows the English courses enrollment regulation of NCKU. Each department can modify the regulation not to allow students not to take this course or take other foreign languages courses instead. This regulation should be set by each department and report to the Center of General Education for future reference.
Students from the Department of Foreign Language Literature are required to take elective courses (4 credits) from their department in replacement.
International students who take the official language of their nationality will not be recognized as general course credit.
3. “Area Courses”: Students are required to earn 14-19 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.
 - A. Students can take “Action Learning” offered by each department with its prerequisite taken.
 - B. 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 and the Center for General Education.
 - C. Each department can decide whether the course taken can be transfer to General course credit when the course name and/or the course content are/is similar to the department’s required or elective course.
 - D. 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.
4. “Comprehensive Courses” includes ‘Leadership Forum’, ‘General Education Lecture Series’, ‘General Education Forum’ and ‘Learning by Practice’. Students are required to earn 1~6 credits from this course. ‘Learning by Practice’ is a self-learning category in which students collect points to earn credit (collect 9 points for 1 credit). Refer to “National Cheng Kung University ‘Learning by Practice’ Course Guideline” for detail on points earning regulation.
5. Transferring to general course credit and taking courses at other school both need to follow the NCKU regulations.
6. This guideline takes into effect after passing the general education committee meeting.