

# Curriculum for Bachelor Degree Program (for 107 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	20	137
				3 Our Dept. or Others		

**\* Freshmen who enrolled after Fall of 2017 shall take 'EXPLORING TAINAN'. (0 credit)**

## ① **【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.

## 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		

### 【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.*

### 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		

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

### ⑤ 【General Education】(20 credits, Required)

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

### 【English Proficiency Test】

Student shall B2 proficiency level in English according to the CEFR with one of the followings:

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

**\* Students who have not successfully reached the required threshold may take Online Remedial English (a zero-credit, semester, optional course) after completing Foreign Language courses (4 credits).**

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