

## Curriculum for International Bachelor Degree Program

Number of credits for graduation is 141, including

Course	Core Courses (General Education)	Fundamental (College)	Specialized (Dept.)			General Education	Credits for Graduation
	Required	Required	Required	Elective	Elective	Required	
Credits	① <b>16</b>	② <b>18</b>	③ <b>53</b>	④ <b>35</b>	<b>3</b>	⑤ <b>16</b>	<b>141</b>
					our dept. or others		

### ① 【Core General Education】 (16, required)

1. Basic Chinese: 4 credits [Inst. Code: A7]

International student can grant credits exemption from CFS (<http://kclcncku.edu.tw/langcenter/e2-3.php>)

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

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

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

3. History & Citizenship: complete before graduation (4 credits) [Inst. Code: AG]

4. Philosophy & Art: complete before graduation (4 credits) [Inst. Code: A9]

### 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 【Required Elective (Department)】

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

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】 (16 credits, Required)**

1. **Interdisciplinary Courses:** 10-14 credits. (include Fundamental courses and Specialized Courses)

(1) Fundamental Courses:

- a. The **minimum** 2 credits in 4 categories ( Humanities, Social Sciences, Nature & Engineering Sciences, Life Sciences & Health)
- b. The **maximum** 4 credits in Humanities, Social Sciences, Life Sciences & Health; the **maximum** 2 credits in Nature & Engineering Sciences
- c. If the course belongs to 'Interdisciplinary Integration', its category should be approved by General Education Center.

2. **Comprehensive Courses:** 2-6 credits. (include Leadership Forum, Practice of General Education, and Lecture Tour on General Education)

**【English Proficiency Test】**

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

- The 1st stage of high-intermediate level in the GEPT
- Score of more than 87 on the iBT TOEFL
- Score of more than 5.5 on the IELTS
- Score of more than 785 on the TOEIC
- Passing Cambridge Main Suite at the FCE level
- Score of more than 60 on BULATS
- 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.