

Curriculum for International Bachelor Degree Program (for 105 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		

① 【Core General Education】 (8, required) *Complete before Graduating

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

International student can grant credits exemption from CFS (<http://kcln.ncku.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

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
COMPUTER APPLICATIONS	3	HYDROLOGY	3
ENVIRONMENTAL ENGINEERING	3	MECHANICS OF MATERIALS (2)	3
STRUCTURAL THEORY(2)	3	FOUNDATION ENGINEERING	3

【Specialized Courses】 (35 credits, Elecvite)

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.

NCKU General Education Course Enrollment Guideline

(Applicable to Students Enrolled in School Year 105)

1. NCKU undergraduate students are required to take a total of 28 credits of General Education courses, which include language courses (8 credits), area courses and comprehensive courses (20 credits). The course titles will be listed in course catalog.
2. Language courses (8 credits) include 2 categories:
 - (1) Basic Chinese courses (4 credits): The courses are offered by the Department of Chinese Literature and the course titles will be listed in course catalog. Students of the Department of Chinese Literature are required to take 4-credit elective courses in their home Department instead of Basic Chinese courses.

Foreign students (not including Chinese students) are allowed to take “Chinese Course for NCKU International Degree Students (CIDS)” in Chinese Language Center and the credits can substitute Basic Chinese courses.
 - (2) Foreign Language courses (4 credits): Students should follow “NCKU General Education English Course Enrollment Notes”. Different departments can offer English or other language courses for their students to substitute Foreign Language courses. In this case, students should follow their home department regulation.

Students of the Department of Foreign Languages & Literature are required to take 4-credit elective courses in their home department for this requirement instead of Foreign Language courses.

Foreign students who take courses in the official languages of their home countries will not be credited as Foreign Language courses.
3. Area courses (at least 14 credits): Humanities, Social Sciences, Natural and Engineering Sciences, Life and Health Sciences and Interdisciplinary courses. Students are required to take courses that include at least 3 different areas.
 - (1) Students are allowed to take “Activity-Based Learning (1 credit)” offered by different Departments.
 - (2) Students may take courses from other Department as area courses. To do so, students should apply for approval by their home Department office and the Center for General Education. An application has to be submitted during the course enrollment period.
 - (3) When the course title or content is similar to that of students’ home department, their home department office has the right to determine if the credit can be claimed as General Education credit.
 - (4) Students are allowed to take foreign language courses as Area courses, and the credits can be claimed as Humanities. Foreign students are not allowed to take language courses in their official languages.
4. Comprehensive courses (at least 1 credit, no more than 6 credits): Leadership Forum, General Education Lecture Series, General Education Forum and Learning by Practice.

“Learning by Practice” is a Self-learning course. Students collect points to earn credits; every 9 points can waive 1 credit hour. Students should follow “NCKU Learning by Practice Course Guideline”.

Foreign students (not including Chinese students) are allowed to take Area courses instead of Comprehensive courses.
5. Students who apply credit waiver and inter-university courses should follow NCKU Courses Credit Waiver Regulations and NCKU Implementation Regulations for Inter-university Course Selection.
6. The Guidelines will be promulgated after the approval by the General Education Committee. The same procedure is applicable to the amendment of the Guidelines. In case of any credit hour changes, the Guidelines shall be implemented after the approval of the NCKU Curriculum Committee and official meeting of Office of Academic Affairs.