



Applying Master & Ph.D Study Programs

College of Engineering
National Chung Cheng University (CCU)
Taiwan

Outline

- College of Engineering
- English-taught courses in CCU
- How to apply for the admission
- Scholarships & RA funding
- Attractions of choosing CCU
- Important reminders

College of Engineering

- Department of Electrical Engineering (EE)
- Department of Communications Engineering (ComE)
- Department of Computer Science and Information Engineering (CSIE)
- Department of Mechanical Engineering (ME)
- Department of Chemical Engineering (ChE)
- Institute of Opto-Mechatronics Engineering (OME)
- Master/Doctoral Programs in Advanced Manufacturing Systems (AMS)(AIM-HI research center)
- Doctoral program in Ambient Intelligence and Smart Systems (AISS)

English-Taught Courses (1/8)

- Dept. of Electrical Engineering (EE)

Area	Courses
Computer Engineering	8
Signal Processing & multimedia Communication	9
Systems on Chip	6
Power Electronics and Power Systems	6
Electromagnetic Integrated Circuits	9
Total	38

English-Taught Courses (2/8)

- Dept. of Computer Science and Information Engineering (CSIE)

Area	Courses
Networking, Cloud Computing and Big Data	13
IoT, Cyber-Physical Systems, and SoC	11
Multimedia Signal Processing	8
Total	32

English-Taught Courses (3/8)

- Dept. of Communications Engineering (ComE)

Area	courses
Communication/Computer networking	6
Wireless Communication System	7
Signal Processing & multimedia Communication	9
Electromagnetic Integrated Circuits	9
Total	31

English-Taught Courses (4/8)

- Dept. of Mechanical Engineering (ME)

Area	Courses
Structural Mechanics and Advanced Materials	8
Machine Design and Manufacturing	9
Fluid Mechanics and Thermo-Engineering	8
Automation and Control	9
Total	34

English-Taught Courses (5/8)

- Dept. of Chemical Engineering (ChE)

Area	Courses
Biochemical and Tissue Engineering	4
Nanomaterials and Process Engineering	3
Polymers Science and Engineering	4
Total	11

English-Taught Courses (6/8)

- Institute of Opto-Mechatronics Engineering (OME)

Area	Courses
Opto-Mechatronics Engineering	6
Some others shared with ME and EE	

English-Taught Courses (7/8)

- AMS (AIM-HI) and AISS Programs

Area	Courses
AMS	This is an English program
AISS	This is an English program

English-Taught Courses (8/8)

- English-taught courses in similar research groups of different department/institutes can be mutually supported and shared. (e.g., between EE, ComE, and CSIE)
- We give a course of “Technical English writing” (An American as the teacher) in the College of Engineering to assist international students in listening, speaking, and writing

Credits required

- Requirements of courses before graduation
 - Master: 8 courses (24 credits) + thesis
 - Ph.D: 6 courses (18 credits) + thesis

How to apply for the admission

- Website: oia.ccu.edu.tw/ciaeenglish/admissions.html
 - Deadline March 31 (Fall semester)
 - Deadline Oct. 31 (Spring semester)
- Scholarships:
 - Taiwan scholarship
 - CCU scholarship
 - Department scholarship
 - TA/RA supported by respective professor

If late, please contact the delegation directly for help

Taiwan Scholarship

- Should apply to the Taiwan government
- A monthly financial support of up to USD10000
- Priority to English programs (such as AMS, AISS)

CCU Scholarship

- Should apply to CoE/CCU
- Tuition waiver
- Free on-campus accommodation
- Stipend support (mainly for PhD students)

Department Scholarship (1/2)

- This depends on respective department
- EE/ComE departments (conditional)
 - For Ph.D students only
 - Several thousand NTD per month, depending on respective professor
- CSIE department
 - One fresh international Ph.D. student is elected to get a scholarship per year.
 - Maximum: USD 4,400 for **one year**.

Department Scholarship (2/2)

- ChE department
 - International Ph.D student is elected to get a scholarship of USD 1500/per year.
- ME/OME departments
 - One fresh international Ph.D. student is awarded a scholarship per year.
- AMS program
 - AIM-HI scholarship (NTD8000 or USD250/month) (conditional)
- AISS program
 - Engineering college scholarship

Research Assistant Funding

- Applicable to all departments/Institutes
- Students should apply to their advisory professors
- **USD 200-350** per month, depending on respective advisory professor.
 - Responsibility: doing academic research for government-granted projects or university-industry collaborative projects
- Competitive and PhD students might be given extra funding to be up to **USD 500/month**

Average monthly living cost (excluding accommodation) in CCU is only **USD 200** per month

How to Apply RA Funding

- Before enrolment
 - Write to targeted professors with detailed documents (e.g., research planning, student academic record, average GPA, etc.) and ask for admission
- After enrolment
 - Find suitable professors who are willing to offer RA positions.

Attraction 1: CCU world ranking

- CCU is a public university and on **top 10** in Taiwan
- 2016 QS Asia University: #164
- 2017 QS subject in EE worldwide : #251-300
- 2017 QS subject in CS worldwide : #351-400
- 2017 QS subject in ME worldwide : #351-400

Attraction 2: CCU's University-industry collaboration

- New MOE (Ministry of Education) program to incubate Ph.Ds with the collaboration with industry.
- We have good connection with many Taiwanese companies which have branches or subsidiaries worldwide.



台塑集團
FORMOSA PLASTICS GROUP



FOXCONN
鴻海科技集團



Motion Control and System Technology



Quanta Computer



National Chung Cheng University



Attraction 3: Taiwan government's New South-bound Policy

- Increase scholarships for ASEAN students
- Encourage academic collaborations between Taiwan and ASEAN universities
- Push Taiwan connection and establish bilateral exchange bases in ASEAN universities

Kind Reminders

- All 2018 applicants should submit applications on-line
 - oia.ccu.edu.tw/ciaeenglish/admissions.html
- If you miss the deadline, please contact
 - Mrs. Yvonne Wu at “admuwu@ccu.edu.tw”
 - Prof. Wen-Nung Lie at “ieewnl@ccu.edu.tw”



Welcome you to apply for
Fall 2018
Spring 2019

Thank You