กำหนดการปฐมนิเทศนิสิตใหม่ระดับบัณฑิตศึกษา ปีการศึกษา 1/2568

Orientation for New Graduate Students – Academic Year 1/2025 วันพุธที่ 6 สิงหาคม 2568 เวลา 09.20-11.30 น.

Wednesday August 6th, 2025 Time: 09:20-11:30 a.m. ณ ห้องประชุม 210 ตึกบุญรอดฯ ชั้น 2

Meeting room No.210 Boonrod Binthasan Building, 2nd floor

09:20 - 09:30 a.m. (10 mins)	ลงทะเบียน (Registration)
09:30 – 09:45 a.m. (15 mins)	กล่าวต้อนรับโดย หัวหน้าภาควิชาวิศวกรรมไฟฟ้า : รศ. ดร.เชาวน์ดิศ อัศวกุล
	Welcome remarks and CUEE Introduction: Assoc. Prof. Dr. Chaodit Aswakul,
	Dept. Head
09:45 – 11:00 a.m. (75 mins)	แนะนำข้อมูลหลักสูตร แผนการศึกษา เงื่อนไขการสำเร็จการศึกษา และระบบ
	สารสนเทศบัณฑิตศึกษา (e-graduate system)
	โดย ประธานหลักสูตรระดับบัณฑิตศึกษา : รศ. ดร.สุวิทย์ กิระวิทยา
	Introducing Graduate Programs, Research Cluster, Course Requirement
	and e-graduate system by Assoc. Prof. Dr. Suwit Kiravittaya
11:00 – 11:30 a.m. (30 mins)	Q&A Session + New graduate students meet advisors









This is not a kind of thunder sign.



It is a part of a gear!





"CUEE"



Department of Electrical Engineering, Faculty of Engineering, Chulalongkorn University

MEETING ROOM, 9:30-11:30 6 AUGUST, 2025

AGENDA OVERVIEW

- 1 Welcome Remarks & CUEE Introduction
- 2 CUEE Graduate Programs (Master & Ph.D)
- Research Clusters -> Course Requirement
- 4 E-Graduate System (Hand-On Workshop)
- 5 EEPSA

6 Q&A and Meet your advisor

HELLO!

I am Assoc. Prof. Dr. Suwit Kiravittaya Chair of Postgraduate Curriculum Administrative Committee



Congratulation on your admission exam result and welcome to Chulalongkorn University!

CUEE Team

ABOUT CHULALONGKORN UNIVERSITY

For over a century, Chulalongkorn University is committed to be at the forefront of higher education, delivering quality education and professionalism.

As Thailand's first institution of higher learning, Chulalongkorn University has dedicated itself as the center for academic learning and professional excellence. The university's mission and commitment to public service uphold the visions of the university's founder, King Rama VI, who established Chulalongkorn University as a tribute to his father, King Rama V.

Whether through the pursuit and development of knowledge, or the application and dissemination of learned concepts, Chulalongkorn University works to empower students with professional know-how and research skills, as well as preserve the arts, culture, and values. Added to the academic learning is the university's commitment to instill in Chula graduates a capies of merality, excit responsibility and sovice to excite

As Thailand's leading university, Chulalongkorn University aims to be a model institute of education, setting the standard as a university of innovations for society. The university focuses itself on three social development core principles: preparing future leaders, developing impactful research and innovations, and advocating social sustainability.

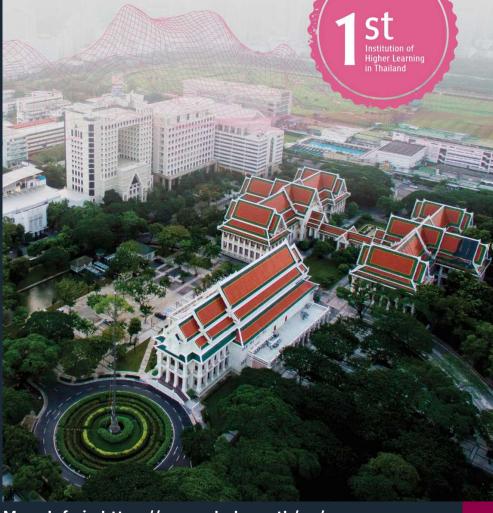
Chulalongkorn University has 19 faculties, and 24 schools, colleges, and institutes, and 7,996 faculty members. Currently, there are over 40,000 students, including more than 28,000 undergraduate and 12,000 postgraduate students.

*Source: Office of Strategy Management and Budgeting Academic Year 2022 CU Strategies for development:

- Future leaders
- Impactful research & innovation
- Sustainability

SUSTAINABLE GALS DEVELOPMENT



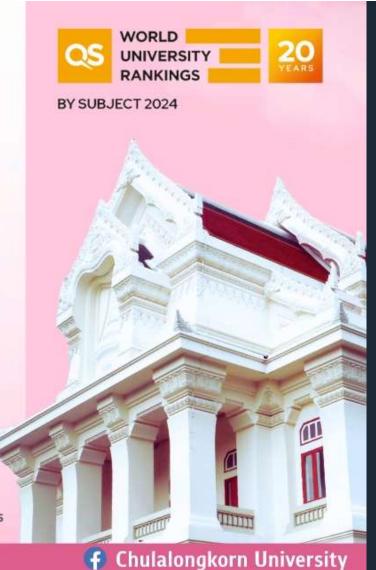


More Info in https://www.chula.ac.th/en/

Chula Ranks No.1 in Thailand for 32 Subjects 2024

- 1. Accounting & Finance
- 2. Anthropology
- 3. Architecture & Built Environment
- 4. Art & Design
- 5. Business & Management Studies
- 6. Chemistry
- 7. Computer Science & Information Systems
- 8. Dentistry
- 9. Earth Sciences
- 10. Economics & Econometrics
- 11. Education & Training
- 12. Engineering Chemical
- 13. Engineering Civil & Structural
- > 14. Engineering Electrical & Electronic
 - 15. Engineering Mechanical
 - 16. Engineering Mineral & Mining

- 17. Engineering Petroleum
- 18. English Language & Literature
- 19. Environmental Sciences
- 20. Geography
- 21. History
- 22. Law & Legal Studies
- 23. Linguistics
- 24. Materials Sciences
- 25. Modern Languages
- 26. Performing Arts
- 27. Physics & Astronomy
- 28. Politics
- 29. Social Policy & Administration
- 30. Sociology
- 31. Sports-Related Subjects
- 32. Theology, Divinity & Religious Studies



Chula Communication Center (CCC)

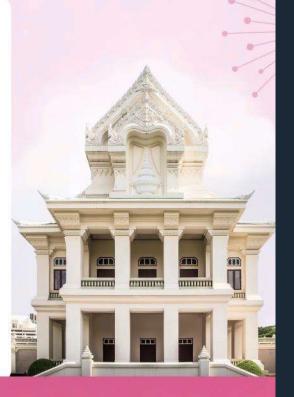
https://www.chula.ac.th/en/university-rankings/

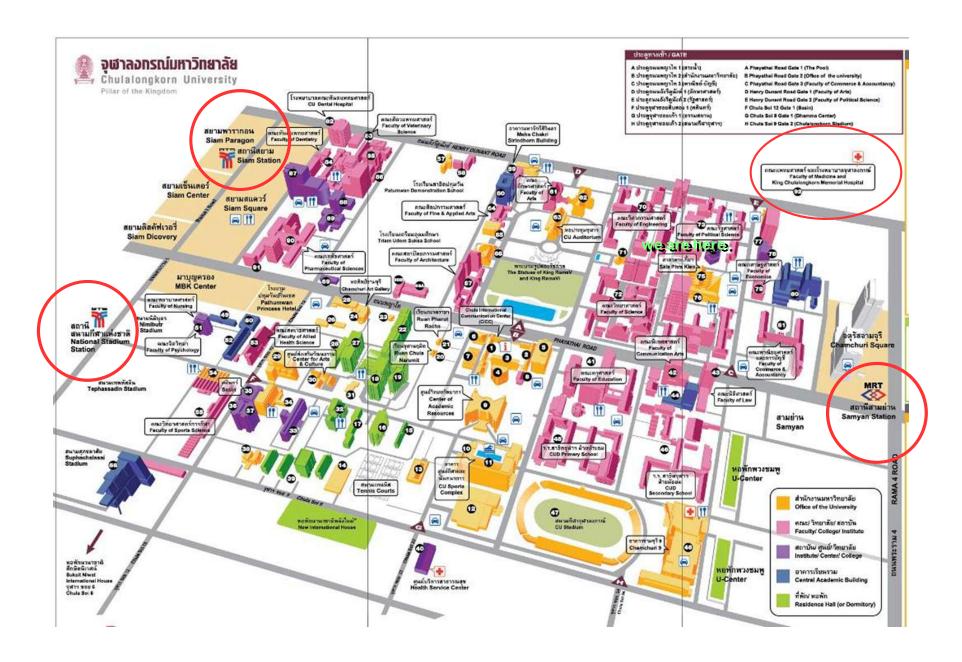
Chula Ranked 1st in Thailand's Top Universities in 34 Fields in 2025

- WORLD UNIVERSITY RANKINGS
 - By Subject 2025

- Accounting & Finance
- · Anthropology
- · Architecture / Built Environment
- Art & Humanities
- · Business & Management Studies
- Chemistry
- · Computer Science
- Dentistry
- · Economics & Econometrics
- Education
- Engineering & Technology
- · Engineering Chemical
- · Engineering Civil & Structural
- > · Engineering Electrical
 - · Engineering Mechanical
 - · Engineering Mineral & Mining
 - · Engineering Petroleum

- · English Language & Literature
- · Environmental Sciences
- Geography
- History
- · Law
- Linguistics
- · Materials Science
- Modern Languages
- · Natural Sciences
- · Physics & Astronomy
- · Politics & International Studies
- Social Policy & Administration
- Social Sciences & Management
- · Sociology
- · Sports-related Subjects
- · Theology & Religious Studies
- · Veterinary Science





Faculty of Engineering









Faculty of Engineering is one of the oldest and biggest faculties in Chulalongkorn University.

More Info in https://www.eng.chula.ac.th

Click Here for a virtual Campus Tour in 5.53 min.

CUEE Team

Color of the Faculty = Crimson Red (แดงเลือดหมู)

About CUEE

- Since 1929
- Professor Dr. Charles M:Son <u>Gewertz</u> is the first Head of the EE Department.
- Prof. <u>Boonrod Bintason</u> is the the

well-known Department Head (1949-1964).



CUEE areas

- Boonrod Bintason Building (6 floors)
- Gewertz Square (3 building)
- 12th-13th/Floor of Engineering 4 Building
- HV Lab Building
- Parts of Engineering 1 & 3 Buildings









More Info: https://ee.eng.chula.ac.thhistory-and-key-milestones-2

CUEE Team

CUEE was found together with Departments of Civil and Mechanical Engineering .

CUEE VISION AND MISSION

CUEE Vision

"Cultivating limitless potential" "ปลูกฝังศักยภาพ ที่ไร้ขีดจำกัด"

CUEE Mission

[Mission 1, Department]: Enhance credibility for sustainable national & international collaboration, including program accreditation and development with academic and industrial partners

[Mission 2, Students]:
Cultivating positive attitude for
diversity acceptance and
unleashing students' potential

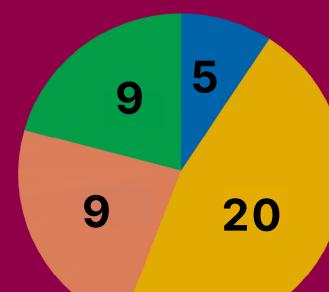
[Mission 3, Faculty and staff]: Recognizing individual strength and synergizing contributions to push department forward

For more information, https://ee.eng.chula.ac.th/vision-mission/

CUEE TEAM



- Associate Professor
- Assistant Professor
- Lecturer



+ Academic Experts and Adjunct Professors

More Info: https://ee.eng.chula.ac.th/faculty/

Head of EE Department

Most Relevant Staff

Assoc. Prof. Dr. Chaodit Aswakul

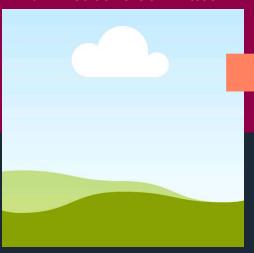
for CUEE Grad Students

Assoc. Prof. Dr. Suwit Kiravittaya Chair of Postgraduate Curriculum **Administrative Committee**

Ms. Ruangrong Kaewintanin (Khun Dao) คุณเรื่องรอง แก้วอินทนิน (พี่ดาว) **Education Support Officer** (Postgraduate Programs)



Postgraduate Curriculum Administrative Committee



The office is on the second floor of the Boonrod Bintason (EE) Building.

Your Advisor

Assoc. Prof. Dr. Chaodit AswaKul (CAK) Assoc. Prof. Dr. Suwit KiravittaYa (SKY)

Info is in https://ee.eng.chula.ac.th/faculty/

CUEE Team

About CUEE Students

Undergrad EE (Thai) 360 (+ Undergrad SEMI: 48)

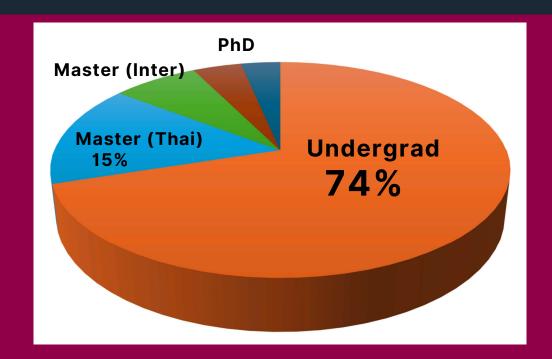
Master (Thai) 73

Master (International) 21

PhD (Thai) 17

PhD (International) 18

Total Grad Student 129



About CUEE Students

By Nationality															
	Malaysia	Myanmar	Bangladesh	Nigeria	Pakistan	Philippines	Sri Lanka		Cambodia	China	Iceland	Indonesia	Japan	Laos	Tot
Master Degree / Plan A2	1	7	1	3	<u>3</u>	1	<u>0</u>	<u>73</u>	3	1	1	<u>0</u>	<u>0</u>	<u>0</u>	94
Doctoral Degree / Ph.D. program 1 from Master, research only)	<u>0</u>	0	0	2	4	<u>0</u>	2	9	<u>0</u>	1	<u>0</u>	<u>0</u>	<u>0</u>	0	<u>18</u>
Doctoral Degree / Ph.D. program 2 from Master, research and coursework)	<u>0</u>	1	1	1	2	<u>0</u>	0	7	<u>0</u>	1	<u>0</u>	1	1	1	<u>16</u>
Doctoral Degree / Ph.D. program 3 (from Bachelor, research and coursework)	<u>0</u>	0	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	0	1	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	1
Total	1	<u>8</u>	<u>2</u>	<u>6</u>	9	<u>1</u>	2	90	<u>3</u>	<u>3</u>	1	1	1	1	12

Majority of CUEE graduate students is in Master (Research-Based + Coursework) Program.

CUEE Team



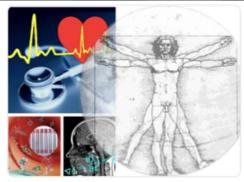
YOUR ROLE AND RESPONSIBILITIES

Welcome aboard as our new graduate student. In this dynamic roles of university, faculty, and department, you'll be at the forefront of our up-to-date educational systems.

Key Steps:

- Know your cluster and study program.
 (You might ask your advisor if you still don't know).
- Study the condition to graduate within the requirement of your specific program.
 There are some details: Course works,
 English language test, Thesis proposal
 - exam, Present or publish the thesis work, thesis defense & submit the final thesis.
- Ask for Graduation. Dept. -> Faculty -> University. (Too early to go into detail.)

CUEE Research Clusters



Bioelectronics (BIO)



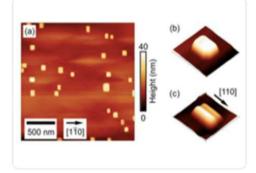
Power and Energy - PEn



Data Analytics (DTA)



Control & Embedded Systems (CES)

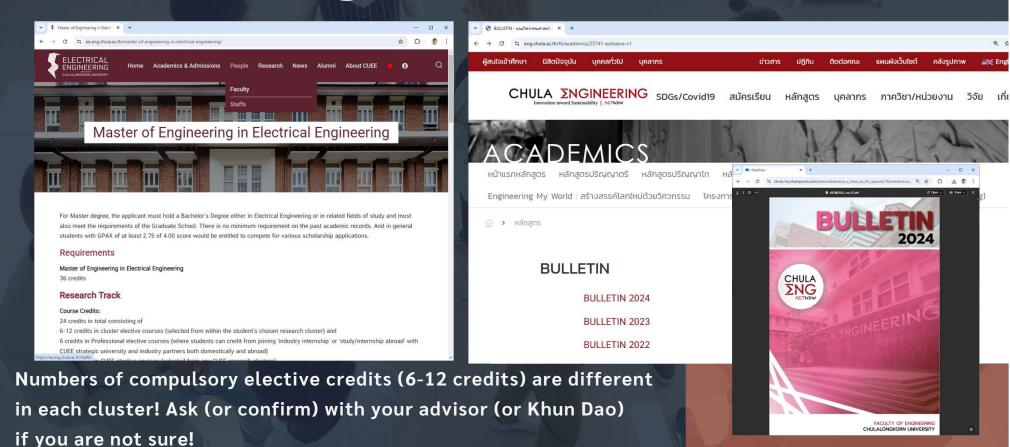


Advance Materials and Devices (AMD)



Telecommunication, Networking and Systems – TNAS

CUEE Program Overview



CUEE Program

Elective Courses in EE (in other clusters)

Research-Based (credit) (credit)

Cluster Name

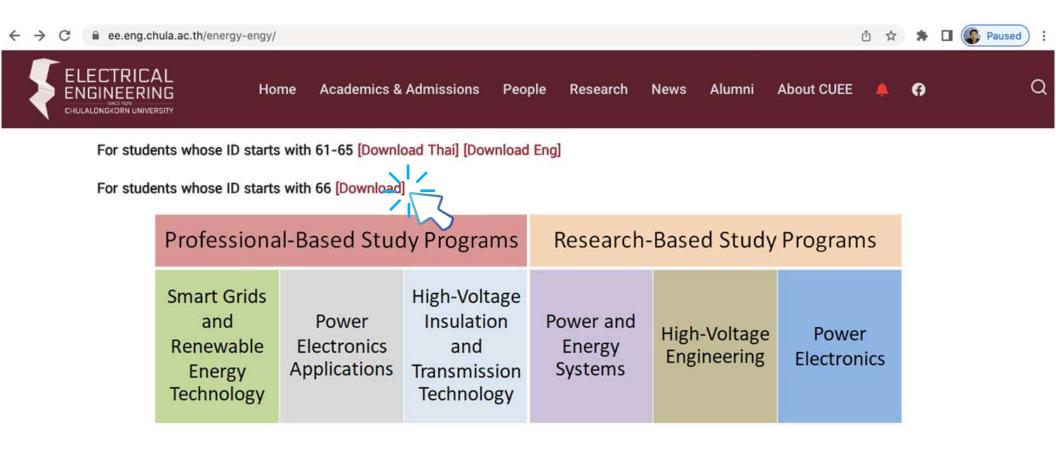
	รายวิชาเลือก	รายวิชาเลือก		
คลัสเตอร์	วิศวกรรมไฟฟ้า	วิศวกรรมไฟฟ้า		
พิสิสเทียว	แบบเน้นวิจัย	แบบวิชาชีพ		
	(หน่วยกิต)	(หน่วยกิต)		
ไบโออิเล็กทรอนิกส์ (Bioelectronics)	6	ไม่มี		
ไฟฟ้ากำลังและพลังงาน (Power and Energy)	6	12		
การวิเคราะห์ข้อมูล (Data Analytics)	0	ไม่มี		
ระบบควบคุมและฝังตัว (Control & Embedded Systems)	3	6		
วัสดุและอุปกรณ์ขั้นสูง (Advanced Materials and Devices)	6	ไม่มี		
โทรคมนาคม โครงข่าย และระบบ (Telecommunication,	3	6		
Networking and Systems)	3	6		

Graduation Requirements for Master Degree

- Course requirements (see *new* Bulletin-2024)
 which might differ from old Bulletin of past years!!
 and your research cluster can issue *additional* requirements
- Thesis proposal (within 4 semesters)
- Thesis examination

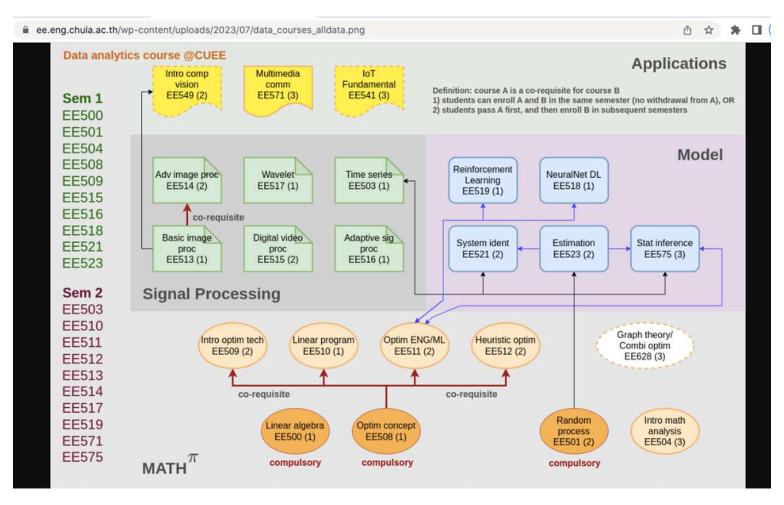
- Minimum Publications: 1 paper in peer-reviewed journal
 or 1 paper in conference with full paper included in
 the conference proceedings
- English language test-score or courses passed by university minimum requirements

Additional Requirements by Power & Energy (PEn) Cluster

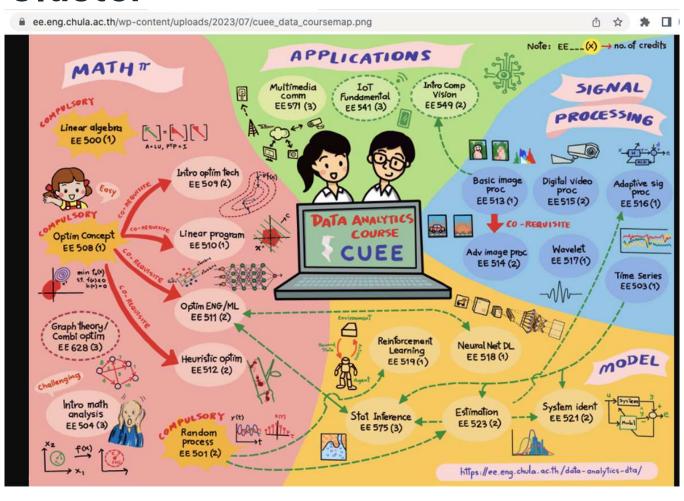


^{*} Also for ID starts with 67

Additional Requirements by Data Analytics (DTA) Cluster



Additional Requirements by Data Analytics (DTA) Cluster



Graduation Requirements for PhD Degree

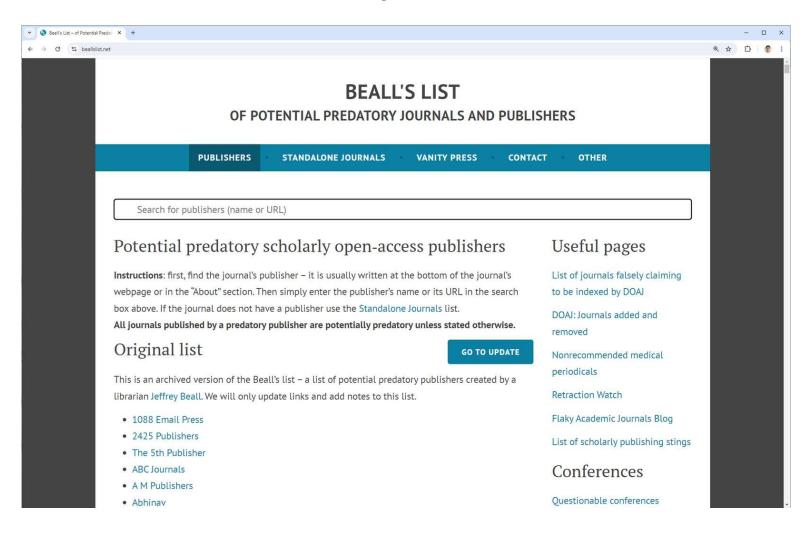
- Course requirements (see *new* Bulletin-2024) which might differ from old Bulletin of past years!! and your research cluster can issue *additional* requirements
- Qualifying examination

- Thesis proposal examination (within 6 semesters)
- Thesis final examination (PhD VIVA)
- Minimum Publications: 2 journal papers (Research-Only

Program) or liournal paper (Research & Coursework Program)

- English language test-score or courses passed by university minimum requirements

Additional Requirements about Journal Publication: Not in Beall's List (Predatory Journals/Publishers)



Graduate Requirement of English Language Score

Program / Class Taken		CU-TEP	IELTS	TOEFL*			
Master	No class	≥ 45	≥ 4.0	≥ 450			
	1 Class	38–44	3.5	425–449			
	2 Classes	30–37	3.0	400–424			
Doctor	No class	≥ 67	≥ 5.5	≥ 525			
	1 Class	60–66	5.0	500-524			
	2 Classes	45–59	4.0-4.5	450–499			
* TOEFL scores are paper base.							

- 1 Class: Master (selectable from 5500504, 5500505, 5500506 or 5500510) and PhD (5500560)
- 2 Classes: Master (5500503 and any additional course from 5500504, 5500505, 5500506 or 5500510) and PhD (both 5500532 and 5500560)
- These English-language classes are provided every semester on first-come first-served basis by Chulalongkorn University Language Institute (CULI)
- Ref: https://www.grad.chula.ac.th/download/apply/grad33446.pdf

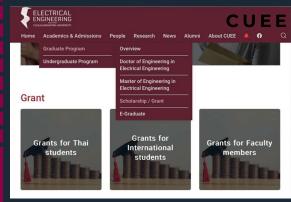
CUEE Student Grant for Academic Event Attendance

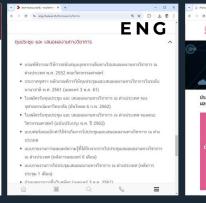


ECTI-CON 2025 organized by CUEE

- At the Department Level
 - ·Master/Doctoral students
 - ·At least 1 time: up to 10,000 THB
 - ·2nd time: Support only for recipients of some CUEE scholarships
 - ·Submit your request early (30 days before the 1st date of the conference)
- At Higher Levels (Faculty & University)

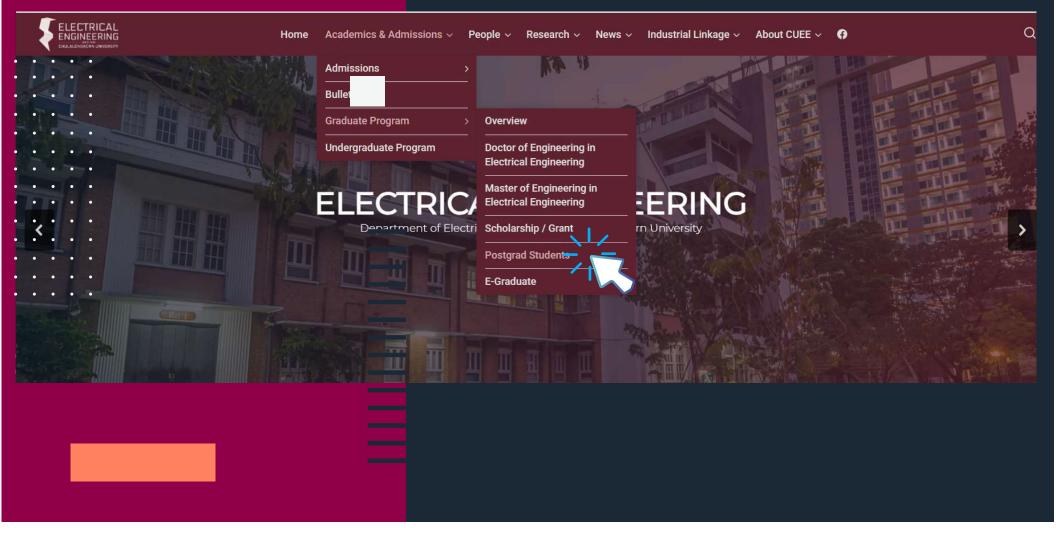
There are other grants. One must ask or monitor any related announcements from them.



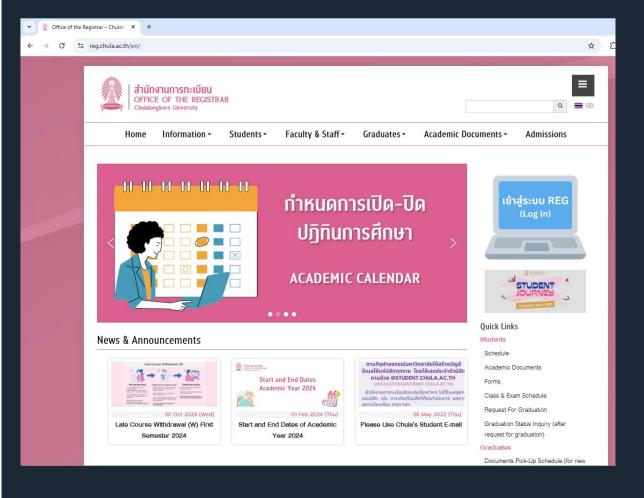


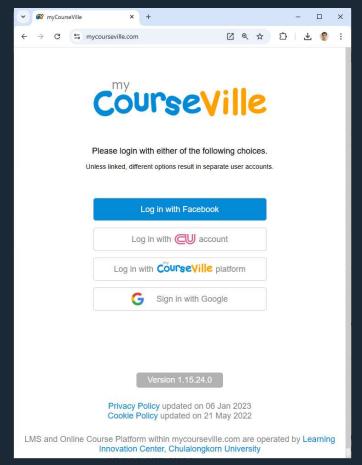


One Stop Service for Postgrad Students



Other Important Systems





CUEE E-Graduate System





- Update student profile
- Prepare course checklist for MEng, PhD study plans
- Upload English test score evidence
- Update your publications to satisfy graduation requirement
- Thesis proposal and final examination procedural steps
- Graduation request procedural steps





CHULA ENGINEERING Electrical Graduate Study System

Username :

Password:

Login

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Let's go there and log-in

Use your Chula account





CHULA ENGINEERING

Electrical Graduate Study System

Welcome MasterA2; TNAS.R (T66M.A2.TNAS.R), Home | Logout

- ▼ Graduate Study
- Student Profile
- · Course Checklist
- · English Test Score
- Publication
- Thesis
- · Graduation Request

EE Intranet Home

News Announcement

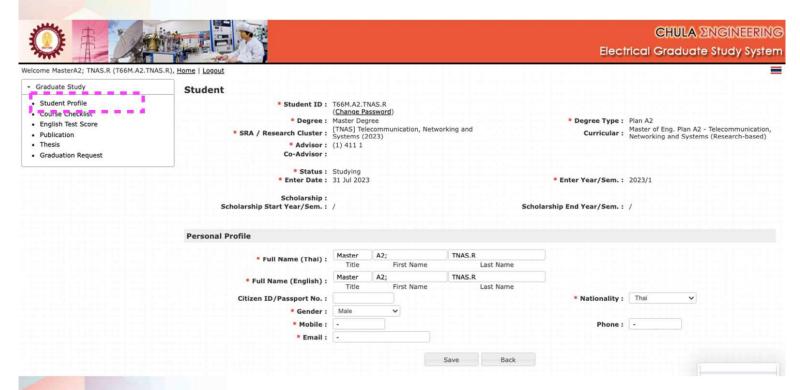
- 2023-08-03 14:28:41 bulletin for graduation requirements
- 2023-08-03 13:58:14 how to check course opening in each semester

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1st page after logging-in







Update your "student profile"

Please ask if you cannot update by yourself.





Plan your "course checklist" by consulting with your advisor.

Course Checklist Preparation



- For students who do not know your program yet (e.g. MEng in professional or research based), consult with your advisor to select your program. Then, inform CUEE department within week 1. After that, CUEE department will assign your chosen program for you in this course checklist page. ***Once selected, the program cannot be changed without difficulties. So be very careful.***
- Plan your "course checklist" by consulting with your advisor. <u>Deadline</u> is by <u>week 2</u> of your semester (which is due also for course enrolments).
- If you want to change courses later but with the same chosen program, then you can always do that at next semesters, but again after careful consultation with your advisor.

Course Checklist **Cautions**



- Course enrolments are <u>responsibility of students</u> (not advisors, not department), by Chula regulation !!!
- By Chula regulation, max of 15 credits can be enrolled in semester 1,2 and max of 6 credits can be enrolled in semester 3 (summer semester). Students can request for enrolling beyond these credit limits ONLY IN THEIR LAST SEMESTER, for satisfying the minimum required credits for graduation.
- Past pitfalls:
 - MEng students not following course enrolment as S/U or grading according to BULLETINS
 - PhD students not enrolling in Dissertation or Seminar credits in some semesters
 - Students enrolling in wrong course IDs but with similar course names
 - Students <u>enrolling</u> to courses <u>unintentionally</u>, not attending classes and exams, and getting F consequently.

Course Checklist **Cautions**





Announcement of the Electrical Engineering Department Registration guidelines for Ph.D. students who have completed all required credits for the seminar or dissertation courses but have not yet graduated

According to the Chulalongkorn University Regulations on Graduate Studies 2018, item 47, Ph.D. students who have completed all credits for the seminar courses required by the Ph.D. program but have not yet graduated must register for the 2102894 Doctoral Dissertation Seminar every semester until graduation.

In addition, according to the Chulalongkorn University Regulations on Graduate Studies 2018, item 50, master's degree and Ph.D. students who have completed all credits for thesis and dissertation courses but have not yet graduated must register for thesis and dissertation courses without credits every semester until graduation.





<u>Upload English test score evidence</u> <u>immediately after you have this information</u>





Update your publications to satisfy graduation requirement

Update this BEFORE requesting for thesis examinations

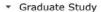




CHULA ENGINEERING

Electrical Graduate Study System

Welcome MasterA2; TNAS.R (T66M.A2.TNAS.R), Home | Logout



- Student Profile
- Course Checklist
- · English Test Score
- Publication
- Thesis
- Graduation Request

Thesis Proposal Examination

No.	Description	Action		
1	Students fill out the form for Thesis Proposal Examination	Fill out the form		
2	Student submits all the documents to verify and process the request of Thesis Proposal Examination			
3	Student receive the documents back and proceed Thesis Proposal Examination			
4	Student submit Thesis Examination Result			

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Thesis proposal and final examination procedural steps

ANY QUESTIONS?

About: CUEE Student Welfare: Dr. Sawit Na Songkhla

Email: sawit.n@chula.ac.th

About

- CUNEX
- Entrance Registration
- Course Registration

CU Registrar Office

Email: webreg@chula.ac.th

About

- admission/scholarship letters
- VISA support document
- accommodation info

CU International Affair Office of the faculty Email: International.affairs.eng@gmail.com



Welcome to all Thai and international graduate students to Chulalongkorn University! Hope you enjoy your time here, both in learning and in doing research on the topic you're passionate about. Wishing you success and that everything turns out just the way you hoped. If you ever run into any issues. including academic stuff, welfare, or even personal struggles feel free to reach out. I'm happy to help however I can.



EE Postgraduate Student Assembly (EEPSA)



















THANK YOU

CUEE Team