



CHULA ISE

CHULA INTERNATIONAL SCHOOL OF ENGINEERING

FACULTY OF ENGINEERING, CHULALONGKORN UNIVERSITY



FIRST CHOICE FOR INTERNATIONAL
ENGINEERING EDUCATION
IN THAILAND



WWW.ISE.ENG.AC.TH

HOW TO APPLY

You can apply via our website

www.ise.eng.chula.ac.th

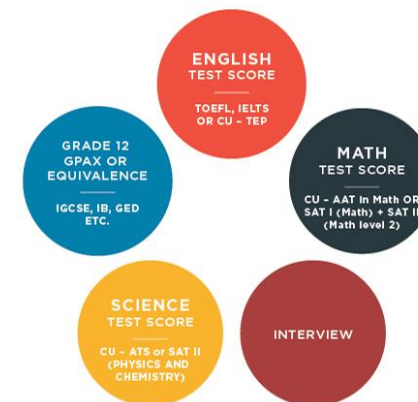


The online application will be available during the application period (typically January). Student must complete the online application form and print the completed version to submit to ISE office along with necessary documents and an application fee. All application must be submitted prior to the deadline stated on the website.

ADMISSIONS REQUIREMENTS

Prospective students must meet all the requirements stated in the Official Chulalongkorn University Announcement on Admission for Bachelor of Engineering Program (International Program). This announcement will be published online and may change from year to year.

The requirements for Chula ISE admission consists of



Admission of any candidates will be decided based on such requirements.

[FOR MAP TO ISE](#)



CONTACT

FOR FURTHER INFORMATION,
PLEASE CONTACT OUR STAFF AT

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OF ENGINEERING (ISE)
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CHULALONGKORN UNIVERSITY

Chulalongkorn University, Thailand's first institution of higher learning, was officially founded on March 26, 1917 with 380 students taking classes in four faculties which were located in 2 campuses. The Faculty of Medicine was located at Siriraj Hospital, while the Faculty of Public Administration and the Faculty of Engineering were at Administration Building and the Faculty of Arts and Science was located at Prince Vajirunhis' place. The last three faculties were located in Patumwan district. Over the years, Chulalongkorn University has grown to become an internationally-recognized university comprising eighteen faculties, eleven research institutes, three teaching institutes, and three other affiliated institutes.

FACULTY OF ENGINEERING

The Faculty of Engineering, Chulalongkorn University was first established as the Engineering School (Yantara Suksa School) of King Chulalongkorn's Civil Service College by King Vajiravudh on June 1, 1913. Later the Civil Service College and the Medical College of Ministry of Education were amalgamated by a royal decree into Chulalongkorn University and the Engineering School became the Faculty of Engineering. In 1935, the Faculty of Engineering established three separate departments to foster growth and advance various disciplines of engineering. Today, Faculty of Engineering comprises 12 departments and one international school offering various degrees at Bachelor, Master, and Doctorate levels.

INTERNATIONAL SCHOOL OF ENGINEERING



International School of Engineering (ISE) was established in 2005 by the Faculty of Engineering, Chulalongkorn University, to provide cutting-edge interdisciplinary programs with international experience to students. Currently, the school is offering the following four interdisciplinary programs:



NANO

BACHELOR OF ENGINEERING IN NANO ENGINEERING



ADME

BACHELOR OF ENGINEERING IN AUTOMOTIVE DESIGN AND MANUFACTURING ENGINEERING



ICE

BACHELOR OF ENGINEERING IN INFORMATION AND COMMUNICATION ENGINEERING



AERO

BACHELOR OF ENGINEERING IN AEROSPACE ENGINEERING



EXTRA-CURRICULAR ACTIVITIES

Engineering students enjoy various extracurricular activities all year round. The activities start before the beginning of the first semester where upperclassmen would welcome the incoming batch of new students with traditional activities. There are several academic clubs, sport clubs, and social clubs that any students may join. During the regular semester, a number of sporting events within Faculty of Engineering and within the university are also available. Our students also complete with students from other universities in various sport events, such as University Game and CU-TU traditional football game, etc. Engineering students are also involved in many social outreach programs throughout the year. These activities include various types of community services in the rural areas of Thailand.



INTERNATIONAL COLLABORATION



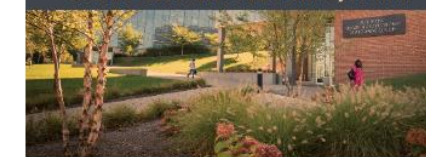
A broad range of exchange programs with several international institutions all over the world such as

- Dartmouth College (USA)
- Case Western Reserve University (USA)
- Télécom Bretagne (France), Technische Universität Darmstadt (Germany)
- Nanyang Technological University (Singapore)
- Hong Kong University of Science and Technology (Hong Kong)
- Peking University (China)
- National Taiwan University (Taiwan), etc.
- The exchange program offers ISE student an opportunity to study abroad for at least one semester.

4+1 Program with Behrend College, Pennsylvania State University (USA) is designed for ISE students who are interested in obtaining a Master of Business Administration degree after they receive their Bachelor's degree in Engineering at ISE. Qualified students can receive an MBA degree by studying only for one more year at Behrend College, PSU.



A One-Year MBA in Pennsylvania



behrend.psu.edu/Chula



AUTOMOTIVE DESIGN AND MANUFACTURING ENGINEERING (ADME)

WHAT IS ADME?

Automotive Design and Manufacturing Engineer is a highly demanded profession, due to the national and global growth of automotive industry. Automotive design involves the development of motor vehicles with a primary concern on the mechanical functions of various components of the vehicles. And manufacturing engineering deals with various aspects of automotive manufacture, from production control to materials handling to automation.



WHY ADME?

Our ADME graduates are especially equipped with expertise in both automotive design and manufacturing engineering. Our program trains students to have a solid background in both fields with a flexibility to choose to specialize in either topic. This advantage doubles the job opportunities for our graduates, while serving the local and global automotive industries with qualified and versatile engineers with a broad academic background.

WHILE SERVING THE LOCAL AND INTERNATIONAL AUTOMOTIVE INDUSTRY WITH QUALIFIED AND VERSATILE ENGINEERS WITH A BROAD ACADEMIC BACKGROUND.



AEROSPACE ENGINEERING (AERO)

WHAT IS AERO?

Aerospace engineers play an invaluable role in the development of modern aircraft and spacecraft. Ever since the advent of the first flying machines, new technologies have propelled us faster, further, and more efficiently than ever before. Today there is an ever-increasing need for human resources with the capability to not only repair, maintain, and construct today's aircraft, but also to look to the future and design those of tomorrow.

WHY AERO?

Global air travel is expanding at an unprecedented pace, prompting the foundation of many new commercial airlines in Southeast Asia. Also a new genre of Unmanned Aerial Vehicle (or Drone) has been gaining more popularities and becoming more sophisticated in term of technology. Our AERO curriculum, initially developed by a collaboration of Chulalongkorn University with the Royal Thai Air Force, is tailor-made to meet this new hunger for aerospace expertise.

ARE YOU A HIGH FLYER?





INFORMATION AND COMMUNICATION ENGINEER (ICE)



WHAT IS ICE?

ICE is a new and exciting integration of Computer Engineering, Electrical Engineering, and Industrial Engineering, which are key subjects at the very core of Chula Engineering. You will learn the fundamental of computing and coding, become equipped with skills in communication. Furthermore, you will complement all these skills with a solid grounding in management science. Our combination will prepare you for the many stimulating challenges of the IT world.

WHY ICE?

The ICE program offers students opportunities to become hardcore programmers, serve the global communities with IT architecture for corporate enterprises, software on mobile devices, satellite communications, game programming, computer networking, and software engineering, to name a few. The discipline will be strengthened with training in management science that will enhance your competency to an international Level.

ICE IS YOUR FUTURE.



NANO ENGINEER (NANO)



WHAT IS NANO?

Our nano-engineering program is a truly multidisciplinary scheme in which student learn how to understand and engineer functional systems at the atomic scale. At this sub-microscopic level, the physical, chemical, and biological properties of materials are quite distinct from those of larger scale bulk matter. Uncovering these unique characteristics spurs the development of novel applications and groundbreaking research that is already making nano-technology the next industrial revolution.



WHY NANO?

Following this trend, the nano-engineering department aims to produce undergraduate students with a strong background in chemical, electrical, and materials engineering. Medicine, plastic, material research, and high performance electronics are just some of the many areas in which development on the nano scale are becoming a major force for technological improvement. Upon completion of their degree, our students form a unique and important human resource pool

CAPABLE OF DRIVING MANUFACTURING AND SERVICES INDUSTRIES TO WARD FUTURE SUCCESS.
