

INTERNATIONAL UNDERGRADUATE PROGRAM

Established in 1941, Chemical Engineering at ITB is the oldest and the first ABET-accredited (since 2010) chemical engineering education institution in Indonesia. It is registered as a member of AIChE and GE3 Global Engineering Education Exchange.

International Undergraduate Program was established in 2016 to ensure the competitiveness of our graduates in the increasingly global engineering job market. This class is taught entirely in English and operates in parallel with the regular class in ITB's Ganesha campus.



INDONESIAN ACCREDITATION BOARD FOR ENGINEERING EDUCATION



Kampus Merdeka INDONESIA JAYA **iie** GLOBAL E³ GLOBAL ENGINEERING EDUCATION EXCHANGE

CONTACT US

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INTERNATIONAL PROGRAM IN CHEMICAL ENGINEERING

UNDERGRADUATE

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WHAT IS CHEMICAL ENGINEERING?

Chemical Engineering combines principles of chemistry, physics, mathematics and economics to design, develop and manage chemical processes. It's a key player in finding solutions to global challenges such as energy, food, and water security.

Chemical engineers work in industries such as petrochemical, pharmaceutical, food & beverage, and energy. They optimize and improve industrial processes using computer simulations and process design to make them safer, more efficient, and environmentally friendly.

A career in Chemical Engineering offers a dynamic and challenging work environment with opportunities for innovation and impact.

COURSE PROGRAM



Phase	Curriculum
First Year: TPB	Basic science, liberal arts, & principles of general engineering
Second Year: Basic Skills	Fundamentals of engineering sciences
Third Year: Study Program	More complex chemical engineering subjects and laboratory experiments
Fourth Year: Final	Capstone projects

PARTNER UNIVERSITIES

DOUBLE DEGREE



MONASH University



THE UNIVERSITY OF QUEENSLAND AUSTRALIA

SINGAPORE POLYTECHNIC **SP**

SUMMER COURSE

STUDENT EXCHANGE PROGRAM

ITB facilitates Semester Exchange Abroad (SEA) through SEA-Reg, SEA-GE3, and IISMA.

Semester Exchange Abroad (SEA) **iisma**
Mobilitas Internasional Mahasiswa Indonesia

bit.ly/ITBSemExchange

Exchange program partners:



STUDENT LIFE

HIMATEK ITB

HIMATEK ITB (ITB Chemical Engineering Student Union) fosters a community among ITB Chemical Engineering students through social, academic, & professional events. It provides opportunities to develop leadership and teamwork skills, gain industry insights, and build a network that will last beyond graduation.

AICHE ITB STUDENT CHAPTER

American Institute of Chemical Engineers ITB Student Chapter is the first in Indonesia and recognized internationally. AIChE ITB SC aims to equip its members with professional skills and connect them with corporate partners.



Graduation Celebration



Industrial Visit

ADMISSIONS

The undergraduate program in Chemical Engineering is applicable for both Indonesian and Non-Indonesian passport holders.

REQUIREMENTS

- English proficiency: TOEFL (min. 61), IELTS (min. 5.5), or ITB ELPT (min. 92)
- International educational qualification certificate, e.g. General SAT or ITB Academic Qualification Test
- High School (or equivalent) report/transcript commending high academic achievement upon graduation

bit.ly/ITBInterAdmission