

# 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.

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.

Scholarship Opportunities  
are available



Kampus  
Merdeka  
INDONESIA JAYA

iie GLOBAL E<sup>3</sup>  
GLOBAL ENGINEERING EDUCATION EXCHANGE

## CONTACT US

CHEMICAL ENGINEERING PROGRAM  
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INTERNATIONAL  
PROGRAM IN  
**CHEMICAL  
ENGINEERING**

UNDERGRADUATE

 [WWW.CHE.ITB.AC.ID/EN](http://WWW.CHE.ITB.AC.ID/EN)





## 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.

## RESEARCH



Energy



Chemical Reaction  
& Catalyst



Chemical Process



Chemical Product



Bio-energy & Food  
Engineering

## COURSE PROGRAM



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

## PARTNER UNIVERSITIES

### DUAL/DOUBLE DEGREE



MONASH University



THE UNIVERSITY  
OF QUEENSLAND  
AUSTRALIA



UNIVERSITI  
KEBANGSAAN  
MALAYSIA  
The National University  
of Malaysia

### STUDENT EXCHANGE PROGRAM

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

<https://goitb.id/ITBSemExchange>

Our students have participated in student exchange programs in various universities across the globe.



University of  
Sheffield



NYU



NUS  
National University  
of Singapore



UNIVERSITY OF  
MICHIGAN



UNIVERSITY OF  
BIRMINGHAM



UTM



KU LEUVEN



UMS

## 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.

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

- Have high academic achievement during high school level/equivalent, as evidenced by academic transcripts from semester 1 to semester 5.
- Pass the ITB Academic Qualification Test (ITB AQ Test).
- Pass the ITB English Language Qualification Test (ITB ELQ Test)

<https://goitb.id/IUPAdmission>