



# Introducing **OUR NEW PROGRAMS**

## ✦ Green & Sustainable Technology

- Advanced Materials
- e-Waste Recovery and Waste Management

## ✦ Biotechnology & Bioengineering

- Biomaterials
- Fermentation Technology

## ✦ Materials & Process Engineering

- Pharmaceutical Engineering
- Process Design and Optimization
- Energy/Renewable Energy and Catalysis

### Benefits

- More specific and in-depth knowledge and expertise in the area of interest.
- A more focused future career path.
- Accommodation of diversity of study interests.



## **Strong at Innovation**

We **rank #1** as the Best Chemical Engineering Department in Indonesia

by SINTA KEMENDIKBUDRISTEK Research and Publication



Department of Chemical Engineering  
Widya Mandala Surabaya Catholic University



## OUR GRADUATION PATHWAY

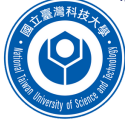
### Bachelor's Degree



#### JOINT DEGREE

DUAL STATE EDUCATION COOPERATION  
CHEMICAL, ENGINEERING

2 years study in Widya Mandala + 2 years study in Partner University in English



or



with S.T., B.Sc.

#### Regular

4 years study in Widya Mandala in Bahasa



with S.T.

### Master's Degree

#### Bundling

with Bachelor Program  
Total 5 years study  
Get 2 degrees  
Only for WM-ChE Students

by Course



or

by Research



with M.T.

2 years study in Master Program

## Prospective careers of the graduates



Production Engineer



Process Designer



Product Developer



Research & Development



Technopreneur



Global Researcher



Consultant

### in the field of

- Foods & beverages
- Pharmaceuticals & cosmetics
- Textiles
- Pulp & paper
- Energy & renewable energy
- High technologies

**Almost everything you use in daily life  
has been made with the help of**

**a Chemical Engineer**

## Seize the chance to get the hands-on experience with our partners



National Taiwan University  
of Science and Technology,  
Taiwan



Beijing University of  
Chemical Technology,  
China



Osaka Institute of  
Technology,  
Japan



Shibaura Institute  
of Technology,  
Japan



BRIN  
BADAN RISET  
DAN INOVASI NASIONAL



ITS  
Institut Teknologi  
Sepuluh Nopember



地方独立行政法人  
大阪産業技術研究所  
Osaka Research Institute of Industrial Science and Technology



chemeng.ukwms.ac.id



@teknikkimia.ukwms



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Get to know more about us:

Jenni +62 813 2527 2510

