



GRADUATE COMPETENCE

Diponegoro University graduates have special competence called "COMPLETE", representing COMMunicator, Professional, Leader, Entrepreneur, Thinker, and Educator. The Chemical Engineering Department provides specific competence of graduates as listed:

- Scientific knowledge
- Designing, developing and improving Chemical Product and Process
- Understanding the fundamental science
- Analysis and innovative thinking



CAREER PROSPECT

Chemical Engineering graduates are in great demand for all kinds of jobs, not only in the chemical engineering sector but also outside in Chemical Engineering sector. Moreover, our graduates have strong alumni network with excellent track record for career success. Typical careers of our graduates are:

- Process and product Engineer
- Operations Engineer
- Product Developer
- Chemical Analyst
- Entrepreneurship
- Academic Staff
- Plant Manager
- Sales Engineer
- Researchers



CHEMICAL ENGINEERING
DIPONEGORO UNIVERSITY
IN 2016:

- ✓ Seven Professors in Chemical Engineering
- ✓ Seven Research Groups
- ✓ Two National Accredited Journals, one SCOPUS International Journal, and three International Journals
- ✓ 6,256 Billions of Research Funding
- ✓ More than 80% of students graduate on time
- ✓ The best student organization in the Engineering Faculty

INTERNATIONAL UNDERGRADUATE PROGRAMME

CHEMICAL ENGINEERING

Diponegoro University

2017



Certified by:



Accredited by:



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DEPARTMENT OF CHEMICAL ENGINEERING
FACULTY OF ENGINEERING
DIPONEGORO UNIVERSITY

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WHY CHEMICAL ENGINEERING??

All products we used daily such as food, water, fuel, cloth, paper, etc. are created based on Chemical Engineering Fundamental. **Chemical Engineering** concerns the involvement of science, technology and management for economically transforming a raw material into valuable final or intermediate products through chemical, biological or physical process. The products have different composition and characteristic from their raw materials as well as higher economic value.

ABOUT US

The Department of Chemical Engineering, Diponegoro University has been providing the chemical and allied industries with first-class engineers ever since its foundation in 1965. Today, Chemical Engineering Department Diponegoro University is recognized as one of the best in Indonesia. Its impressive national and international networks of academic and industrial contacts help to maintain the quality of teaching and learning process. Our department is supported by 21 lecturers holding Ph.D. degree graduated from national and foreign universities (Germany, France, Netherland, Malaysia, Austria, United Kingdom).

"Chemical Engineering for Better Life"

PROGRAM STRUCTURE AND CURRICULUM

Department of Chemical Engineering transformed the expected learning outcomes into the curriculum of the Bachelor Degree in the chemical engineering department. For each academic year, it is divided into two instructional semesters with each having 14 weeks of teaching/instruction and two weeks for examination. A total of 58 courses with 147 credit units (CU) are required to complete the chemical engineering bachelor degree program.

The program offers One/Single Degree and Double Degree in Chemical Engineering (with The Hague University and University of Twente, Netherland). The curriculum of international Undergraduate Program in Chemical Engineering is similar with the regular Chemical Engineering curriculum. The program provides full delivery teaching learning process in English with student-centered and research-based learning. In the third year study, students of the international class should apply for study abroad to partner universities for a minimum duration of one semester (for Single Degree) and one year (for Double Degree). Selection and placement of students in the partner University will be based on their academic standard, English Proficiency Test Score, personal preference and capacity of each partner University

PARTNER UNIVERSITIES

THE HAGUE UNIVERSITY
OF APPLIED SCIENCES

University of Twente
The Netherlands

PUYSENG NATIONAL UNIVERSITY

HO CHI MINH CITY UNIVERSITY OF TECHNOLOGY

TAIWAN TECH

King Mongkut's University of Technology Thonburi

Chulalongkorn University



UNDIP | UNIVERSITAS DIPONEGORO
An Excellence Research University



FACILITIES

Six Instructional Laboratories
Five Research Laboratories : Separation, Food Processing Engineering, Bioprocess, Energy and Process Engineering, Wastewater Treatment

Library as well as e-book dan e-journal access, Canteen, Gazebo, Engineering Workshop

ADMISSION

Eligibilities :

1. Graduates of 2017, 2016, and 2015 from Senior High School or equivalent (A level qualification, IB qualification, or equal with Indonesian High School qualification) with good academic record.

2. Good proficiency in English, measured through Diponegoro English Test (DET) in the entrance examination.

Procedure:

1. Register through <http://um.undip.ac.id/> and get the pin for payment and completing the application form.
2. Pay a non-refundable application fee: Rp. 1.000.000,- through Bank mandiri (via internet banking, ATM, and teller), BRI (via teller), BNI (via ATM and Teller), or Bank BTN (via teller).
3. Complete the application form and print the test card.

Admission Test

Registered applicants will undertake the following academic verification tests held by Diponegoro University:

1. Universitas Diponegoro Scholastic Test (UDST)
2. Diponegoro English Test
3. Group discussion and interview

Important Dates:

- Registration and get pin : March 6 - April 21, 2017
Payment : March 6 - April 22, 2017
Completing application : March 6 - April 22, 2017
Admission test : May 18-19, 2017

Fees:

- + Tuition fee : Rp. 20.000.000,-/ semester
- + Community Service Program/KN fee : Rp. 2.000.000,-
- + International Academic Exposure Program Fee (double degree, an exchange student or academic visits in accordance with the choice of study programs and host institution)