



UNIVERSITAS
ISLAM
INDONESIA



World
University
Rankings 2024



Faculty of Industrial Technology



uui.ac.id/findus

INDUSTRIAL ENGINEERING (+International Program) UNDERGRADUATE PROGRAMS

 Bachelor of Engineering

 8 Semesters (Full-time study)

 Excellent National Accreditation & AUN-QA Certification

The Industrial Engineering Study Program at UII aims to equip its graduates with the necessary skills and attributes to effectively compete in the global job market. This is achieved through a focus on practical work experience, soft skills development, and an emphasis on contributing to society. The program aims to produce graduates with a strong moral character, adept problem-solving abilities, and a capacity for innovation.

- **Excellent Program:** Students are given the chance to choose graduation pathway through the Merdeka Belajar Kampus Merdeka (MBKM) initiative, which includes internships, entrepreneurship, and student exchanges. This program enables students to acquire practical work experience, develop soft skills, and make a constructive impact on society.
- **Facilities:** Manufacturing Systems Laboratory, Design Laboratory Work and Ergonomics, Laboratory of Industrial Statistics and Optimization, Laboratory of Innovation and Organizational Development, Modeling and Simulation Laboratories, SAP Enterprise Resource Planning, Laboratory.

CHEMICAL ENGINEERING (+International Program) UNDERGRADUATE PROGRAMS

 Bachelor of Engineering

 8 Semesters (Full-time study)

 Excellent National Accreditation

The Chemical Engineering Study Program at UII is dedicated to cultivating graduates who are well-prepared to confront challenges and thrive in a competitive free market. They are expected to demonstrate innovation, adaptability, professionalism, independence, and creativity, all while upholding Islamic values. Furthermore, the program is continuously evolving to establish itself as a hub for research and development, and to collaborate with the community, industry, and government in addressing issues related to product design, suitable technology, and industrial process technology.

- **Education System:** Students have the opportunity to delve into the realm of Chemical Engineering specialization, which can be pursued through four distinct course clusters encompassing food and drug technology, energy and environment, material technology, and process simulation.
- **Facilities:** Basic Chemical Engineering Laboratory 1 and 2, Chemical Engineering Operations Laboratory, Computation and Simulation Laboratory, Research Laboratory.

MECHANICAL ENGINEERING UNDERGRADUATE PROGRAMS

 Bachelor of Engineering

 8 Semesters (Full-time study)

 Excellent National Accreditation & IABEE International Accreditation

Mechanical Engineering Study Program at UII aims to equip graduates with strong analytical and practical skills that align with the demands of the industry. With a focus on manufacturing technology, the institution has established itself as the pioneer in offering a Mechanical Engineering Department for Special Region of Yogyakarta and Central Java regions. This program was inaugurated in the academic year 1999/2000 and was officially recognized with Establishment Decree Number 414/DIKTI/Kep/1999 on September 22, 1999

- **Excellent Program:** Students will be equipped with various design skills, using leading software such as SolidWorks, Autodesk Inventor, PowerShape, PowerMill, ArtCAM and 3Design. Students will also have the opportunity to intern at some of Thailand's leading universities.
- **Facilities:** CAD/CAM/CAE Lab, Energy Conversion Lab, Industrial Metrology Lab, Production Process Lab, Mechatronics Lab, Manufacturing System Lab, Energy Conversion Lab.

INFORMATICS (+International Program) UNDERGRADUATE PROGRAMS

 Bachelor of Computer

 8 Semesters (Full-time study)

 Excellent National Accreditation

The Informatics Study Program at UII is committed to cultivating the skills and entrepreneurial mindset of its students, while emphasizing the importance of ethical conduct. Additionally, the program aims to foster students' creativity and proficiency through various study groups, including Robotics Informatics, Web Programming, Open Source, Game Programming, and iOS & Android Study Group.

- **Excellent Program:** The department comprises four specialized study centers, including Digital Forensics Study Center, Center for Medical Informatics Study, Data Science, and Enterprise Information Systems. Furthermore, it houses a training center that offers internationally recognized certifications from leading organizations such as Cisco, Oracle, EC-Council, Adobe, and MikroTik
- **Facilities:** 4 laboratories are equipped with laptops or computers with qualified specifications that can be used by students during lectures or practicums in the Lab. In addition, comfortable and contemporary classes are expected to make students feel at home studying in the Lab.

ELECTRICAL ENGINEERING (+International Program) UNDERGRADUATE PROGRAMS

 Bachelor of Engineering

 8 Semesters (Full-time study)




 Excellent National Accreditation & IABEE International Accreditation

Electrical Engineering program at UII is the sole private university program in Central Java and Yogyakarta to receive accreditation with excellence. The program follows an outcome-based curriculum aligned with the Washington Accord, ensuring that its graduates are considered equivalent to those from international universities with similar curricula. Students will gain expertise in electricity, industrial automation, modern telecommunications, and biomedical engineering. Furthermore, UII Electrical Engineering collaborates with academic, governmental, and corporate entities to enhance education and curriculum development

- **Excellent Projects:** Students will learn various knowledge and skills in the fields of electricity, industrial automation, modern telecommunications and biomedical engineering. In addition, students will also learn the utilization of renewable energy as well as power electronics that are widely used in future electric vehicles.
- **Facilities:** Power Systems Laboratory, Electronics Laboratory, Instrumentation and Control Systems Laboratory, Computer Systems and Biomedics Laboratory, Telecommunication and Signal Processing Laboratory, and Robotics and Innovation Laboratory.



TEXTILE ENGINEERING UNDERGRADUATE PROGRAMS

-  Bachelor of Engineering
-  8 Semesters (Full-time study)
-  Good National Accreditation

The Textile Engineering Study Program at UII was established on September 23, 2019, based on Decree of the Minister of Research, Technology, and Higher Education Number 825/KPT//I/2019. This program is a pioneer and the only program that offers undergraduate-level textile education in Indonesia. The Textile Engineering program at UII accepts prospective students who have graduated from high school (SMA/SMK/MA/equivalent), both from exact and non-exact science backgrounds. It also welcomes transfer students from D1/D2/D3 programs to continue their studies at the undergraduate level starting from the academic year 2022/2023.

- **Excellent Projects:** The curriculum is designed in accordance with the standards of the Indonesian National Qualifications Framework (KKNI), the National Higher Education Standards (SN Dikti), and the Accreditation Board for Engineering and Technology (ABET) from the USA. This ensures that graduates of the Textile Engineering Program at UII are capable of making a positive contribution to the textile industry job market and textile product sector in the era of the 4.0 industrial revolution.
- **Facilities:** Textile Manufacturing and Testing Laboratory, Textile Chemical Process and Nano Technology Laboratory, Textile Product Design Laboratory, Functional Textile Laboratory.

ELECTRICAL ENGINEERING POSTGRADUATE PROGRAM

-  Good Accreditation (BAN-PT)
-  M.T.
-  4 Semesters
-  elektro@uii.ac.id
-  www.uui.ac.id/program-pendidikan/magister-rekayasa-elektro

- **Excellent Program:**
 - The Master of Electrical Engineering Study Program not only offers a distinctive curriculum design and learning outcomes, but also a concept with topics and concentrations / specializations in such a way that the learning experience offered will focus on only one specialization, namely the development of smart systems / intelligent systems integrated with technological advances and the Internet of Things (IoT). With the theme "Smart System as a holistic and adaptive solution to problems in society and sustainable development", the Master of Electrical Engineering Study Program hopes to become a leader in research and development of appropriate technology and of course can be applied in various fields of interest in Electrical Engineering. Various fields of interest in Electrical Engineering are commonly provided such as Electronics, Instrumentation and Automation, Telecommunications, and Electric Power.
- **International Mobility:** There are possibilities of transfer credits and thesis work at: (1) Kumamoto university, and (2) Universiti Teknologi Malaysia

INDUSTRIAL ENGINEERING POSTGRADUATE PROGRAM

-  Excellent Accreditation
-  M.T.
-  4 Semesters
-  mti@uui.ac.id
-  industrial.uui.ac.id/magister

- **Excellent Program:**
 - Divided into four concentrations, namely Industrial Management, Industrial Engineering, Ergonomics and Industrial Safety and Health, as well as Logistics & Supply Chain Management.
 - Provides scholarships for interested students,
 - Open internship opportunities
 - Alumni of Master of Industrial Engineering who are members of IKAMTI, have careers in various industrial fields: national, multinational, state-owned companies, government, educational institutions, NGOs and entrepreneurs.
- **International Mobility:** Industrial Engineering offers a double designation program. In addition to getting a Master of Engineering (MT) degree, graduates of the Master of Industrial Engineering also get American Supply Chain Analyst (ASCA) and Certified International of Project Manager (CIPM) certifications.

CHEMICAL ENGINEERING POSTGRADUATE PROGRAM

 Minimum Accreditation

 M.T.

 4 Semesters

 magister.teknikkimia@uii.ac.id

 che.uui.ac.id/magister

- **Excellent Program:**

- UII Chemical Engineering Master's Program provides master's education with competencies in the fields of energy, environment and materials that focus on competencies in Herbal Technology, Energy Production Technology, Process Engineering and Control, Halal Food Technology, Environmental Management Technology and Material Technology with the abbreviation HERPaLM as the hallmark and excellence of the Study Program that is not offered by other chemical engineering master's programs in Indonesia.

INFORMATICS POSTGRADUATE PROGRAM

 Excellent National Accreditation (BAN-PT)  M.T.

 4 Semesters

 mi@uui.ac.id

 informatics.uui.ac.id/magister

- **Excellent Program:**

- Since 2016, out of 292 graduates, 75% of them have a high level of job suitability.
- Has 4 fields of study concentration that can be selected, namely: Enterprise Information Systems, Medical Informatics, Digital Forensics, Data Science

- **International Mobility:** Program Study Exchange di University of South Eastern Norway

INDUSTRIAL ENGINEERING DOCTORAL PROGRAM

 Minimum Accreditation

 D.r. (Doctoral)

 6 Semesters

 teknik.industri@uui.ac.id

 industrial.uui.ac.id/doktor

- **Excellent Program:**

- PSRI UII Doctoral Program will focus its scientific development on the following fields:
 - Intelligent Supply Chain Management
 - Intelligent Enterprise Management and Engineering
 - Ergonomics, Work Safety, and Health Engineering

- **International Mobility:** Academics, researchers, entrepreneurs, practitioners in national, multinational and government companies.






"From here, i got many knowledge about islam and chemical engineering. It taught and created 'me now'. I got friends and family. Love being part of chemical engineering UII."

Alumni Teknik Kimia 2018

Alfi Desma Nisa

Lab Technician, Baker Hughes Incorporated.

 Academic Title
 Duration of Study
 Study Program Accreditation

Information Services 
0811-260-8844 (WhatsApp message only)

World-Class Campus Facilities

5 Stars (highest rating) in Facility category in the QS World University Ratings



Ranked 3rd Best Private Higher Education Institution in ASEAN

AppliedHE Rankings 2022

Top 15 Nationally and 1,501+ Globally

Times Higher Education (THE) World University Rankings 2023



Excellent Accreditation

Outstanding accreditation for the institution and the majority of study programs (83% of study programs accredited as Excellent or A)

International Accreditation Study Programs

24 Study Programs internationally accredited/certified



Ranked 501-550 Best Campus in Asia

QS Asia University Rankings 2023

Most Sustainable PTIS in Indonesia

UI Green Metric World University Rankings 2022




Global Employability Level

5 Stars (highest rating Employability category in the QS World University Ratings)

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Disclaimer: UII strives to ensure that the information contained in this publication is current and accurate at the time of printing (January 2023).



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