AT GLANCE

The UII Chemistry Study Program has been accredited "UNGGUL" according to SK BAN-PT No 3400/SK/BAN-PT/Akred-Intl/S/VI/2020 and has been accredited from the Royal Society of Chemistry (RSC) United Kingdom and ASIIN from Germany. This acknowledgment is proof that the UII Chemistry Study Program is oriented towards quality graduates. The quality of graduates is supported by research excellence in several fields such as Development of Essential Oils, Materials and Electrochemistry for the Environment and Renewable Energy as well as Isolation and Modification of Structures of Organic Compounds for Food and Medicine. The lecture process is fully supported by modern lecture room facilities, supporting laboratories and complete and adequate laboratory instrumentation facilities to support academic activities.

SUPPORTING FACILITIES

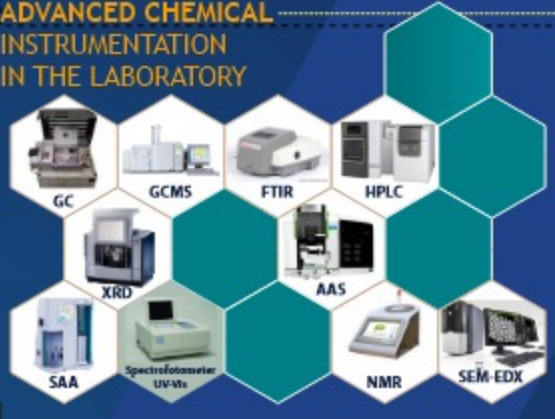
- Teaching Laboratory
- Research Excellencies Laboratory
- Chemical Computing Laboratory
- Essential Oil Laboratory
- Chemical Instrumentation Laboratory
- JIH Hospital and Integrated health Clinic
- Student Dormitory
- Student Flats (Rusunawa)
- Student Sports Building
- Outdoor and Indoor sports fields
- Integrated Library

ISO 17025 OF INTEGRATED LABORATORY

Universitas Islam Indonesia is committed to standardizing all the facilities in it. The Integrated Laboratory of UII has obtained accreditation from the National Accreditation Committee (KAN) as a Testing Laboratory with Laboratory Number LP-478-IDN.

The Integrated Laboratory of UII is the first laboratory from a private university accredited with ISO 17025-2005.

ADVANCED CHEMICAL INSTRUMENTATION IN THE LABORATORY



ALUMNI TESTIMONIALS

I am proud to be the best PTS graduate in Indonesia. I feel a lot of lessons from the Chemistry Study Program UII. The experience I gained in the Chemistry Study Program UII led me to get a master's scholarship in Sakura Country.

Rosnalia Widyan, S.Si.
Alumni Class of 2013 from West Praya, NTB
Awardee Masters scholarship at GIFU University, Japan

Alhamdulillah, I am now working at the Bio Availability and Bio Equevalence Testing Laboratory of PT Biometric Research Indonesia, where there are only 6 laboratories in Indonesia. I was accepted to work after 3 months of graduating from the UII Chemistry Study Program. The knowledge I gained in the UII Chemistry Study Program is relevant to what I do at work.

Berliani Ramadhanty, S.Si. - Alumni Class of 2016
PT. Biometrik Riset Indonesia, Jakarta Selatan.

After 5 months of graduating under the conditions of the Covid-19 pandemic, I was accepted at PT. United Tractors Pandu Engineering as Group Leader, part of the Maintenance Department Plant Jobsite Adaro, which is the 2nd largest coal company in Indonesia. The UII Chemistry Study Program is proven to be able to produce alumni who can compete in the world of work.

Irpan Aji Nugroho, S. Si. - Alumni Class of 2016.
PT. United Tractors Pandu Engineering.

LECTURERS

UNIVERSITAS ISLAM INDONESIA

(INTERNATIONAL PROGRAM)

BACHELOR OF SCIENCE
CHEMISTRY

National Accreditation **"UNGGUL"**
BAN PT No.3400/SK/BAN-PT/Akred-Intl/S/VI/2020

International Accreditation:
RSC (United Kingdom) and ASIIN (German)

Focus Area:

- Chemical Analysis
- Chemical Industry
- Chemical Entrepreneurship

REGISTRATION INFORMATION

via SMS/WA to:
Habibi Hidayat (085274615948),
Gani (081385627796),
Miqdam (085641761731),
Dedi (08122965552)

via E-mail :
dedy.sugiarto@uii.ac.id
or kimia@uii.ac.id

PRODI KIMIA UII · Chemistry UII · @chemistryuii · @chemistryuii

APPLICATION

Application Method for Indonesian Citizenship

- Computer Based Test (CBT): Entrance test through a computer examination system
- Paper Based Test (PBT): Entrance exam with written exam questions
- Tracking of Outstanding Students (PSB): Entrance exam with scholarship offers through track record of achievement
- Report-Based Selection (SIBER): Selection through a track record of achievements in academic and non-academic fields

Application for International Citizenship

- The application can be accessed via link: https://admisi-pasca.uii.ac.id/login.php.
  Prospective International Students will be selected independently by the Directorate of Partnership and International Affairs (DK/KUI or International Office).

SCHOLARSHIPS FOR INTERNATIONAL STUDENTS IN UNDERGRADUATE OR DIPLOMA PROGRAM

Every year, UII offers two Future Global Leaders Scholarships (FGLS): (1) FGLS regular scheme for 50 international students to study in a Bachelor or a Diploma program at UII. These scholarships are given to high school graduates who are citizens of countries other than Indonesia and have completed their education in high school or equivalent; and (2) FGLS partnership scheme with Yemeni Embassy for 6 Yemeni who wish to enrol in Bachelor and Master Programs at UII. The FGLS regular and partnership scheme will cover registration fees, tuition fees, monthly health insurance, and allowances for 4 years during the undergraduate program at UII. In addition, International Students can also take Dhuafa and Hafizh scholarships

For further information on the Future Global Leaders Scholarship, please go to uii.ac.id/en/scholarships

INTERNATIONAL STUDENT ACTIVITIES

International Students will be involved in international activities including:

- Industrial Internships
- International student exchange (ASEAN Countries)
- International Conference and Seminar
- International Competition
- Global Cultural engagement
- other CSP programs in collaboration with international organizations such as Global Woman Breakfest in collaboration with IUPAC
- etc

RESEARCH EXCELLENCIES

- Development of Essential Oils
  Development in essential oils includes optimizing extraction methods on a lab and industrial scale, developing various types of essential oils, processing and manufacturing essential oil derivative products. In addition, developments in the field of applications that have been carried out include antibacterial, antiaging, pesticide, fungicide and so on. Several types of essential oils can be formulated for the fuel efficiency of motor vehicles. The development of essential oils also collaborates with various parties, for example the Borobudur Temple Conservation Center, National Research and Innovation Agency (BRIN), etc.

- Materials and Electrochemistry for the Environment and Renewable Energy
  Research on Materials for Energy and the Environment is focused on the development of materials (natural and synthetic zeolite and clay class materials, silica, carbide, natural cellulose-based materials, natural starch, and agricultural industrial waste as well as activated carbon, mining-based materials, semiconductor materials, manegtik, chitin and chitosan-based materials, as well as natural and synthetic polymer materials. In addition, Electrochemical research for Energy and Environment focuses on electrochemical technology approaches for humans and the environment, including electrochemical applications for enzyme-based sensors (electroanalysis), wastewater degradation (electrodegradation).), and water disinfection (electrodisinfection).

- Isolation and Modification of Structures of Organic Compounds for Food and Medicine
  The leading research topic Isolation and Non-Essential Synthesis for Health and Food, it focuses on the development of natural plant-based drugs and organic synthesis, food modification and diversification, and the development of natural pesticides.

ENTREPRENEURSHIP UNIT

The Chemistry Study Program (CSP) UII has developed a business unit in essential oils and their derivative products. The development of essential oils is supported by the following facilities: Essential Oil Laboratory (LMA), Center for Essential Oil Studies (CEOS) and a land area of 4000 m2. In CSP UII, students learn the development of essential oils from upstream to downstream, namely from the process of selecting seeds, planting, post-harvest handling, optimizing extraction/refining methods to making essential oil-based derivative products. Students also learn marketing skills to market these products. UII CSP students are expected to be able to develop essential oil entrepreneurial careers, develop essential oils in their respective areas so that they can drive the economy in the local area. Several types of essential oils are produced, such as patchouli oil, citronella oil, clove oil, fennel oil, various types of ginger, eucalyptus and various types of fruit and flower oils. The essential oil-based products produced include various types of perfumes, topical oils, fragrances and aromatherapy candles, hand sanitizers, bath soaps, hand washing soaps and others.
The collaboration of the Chemistry Study Program in essential oils is also extensive, such as cooperation with a network of groups of essential oil farmers in various regions, entrepreneurs and various industries, both on a household and large scale.

JOB OPPORTUNITIES

Industrial Sector

- Agro industry
- Petroleum and Petrochemical Industry
- Polymer Industry
- Food Industry
- Fertilizer industry
- Cement Industry
- Sulfuric Acid Industry
- Mining Industry
- Marine Industry

Educational Sector

- Lecturer at various universities.
  Teacher and mentor in Chemistry

Opportunities to Study Abroad

- CSP UII alumni have the opportunity to continue their further studies in various countries such as Thailand, Taiwan, Saudi Arabia, Japan, England and the USA

Government Sector

- National Research and Innovation Agency (BRIN)
- Environmental Research Institute
- National Narcotics Agency (BNN)
- Criminal Laboratory (Bareskrim Laboratory)
- Ministry of Health
- Ministry of Energy and Mineral Resources
- National Agency of Drug and Food Control (BPOM)
- Consultant in the field of Analyst
- Consultant in the field of Environment
- Hospital analyst

LECTURER and STUDENT ACTIVITIES