



UNIVERSITAS
GADJAH MADA

FACULTY OF MATHEMATICS
AND NATURAL SCIENCES



International Undergraduate Program (IUP) of Chemistry

at the Department of Chemistry
Faculty of Mathematics
and Natural Sciences
Universitas Gadjah Mada

Registration plan for each year

1. Intake 1
Registration : January 11, 2021-February 8, 2021
Test : February 19-20, 2021
Acceptance : February 26, 2021
2. Intake 2
3. Intake 3

Registration to the program is open now by visiting our registration site as follow:
<http://um.ugm.ac.id>

+62 274 545188

chemistry@ugm.ac.id

chemistry.ugm.ac.id



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Fees

1. Application fee Rp 1,000,000
2. Tuition fee Rp. 20.000.000,-/semester

Further inquiries

Department of Chemistry, UGM
Sekip Utara Yogyakarta 55281 Indonesia
T/F: +62 274 545188
Web: <http://chemistry.ugm.ac.id/>
E-mail: chemistry@ugm.ac.id

Person in charge

1. Bambang Purwono, Drs., M.Sc., Ph.D.
Mobile: 0851 0296 7033
E-mail: purwono.bambang@ugm.ac.id
2. Adhitasari Suratman, S.Si., M.Si., Dr.rer.nat.
Mobile: 0858 7867 7591
E-mail: adhitasari@ugm.ac.id
3. Drs. Roto, M.Eng., Ph.D.
Mobile: 0815 7853 6263
E-mail: roto05@ugm.ac.id

International Exposure Programs

During the program, the students are encouraged to have: (1) Exchange student, (2) Collaborative research for final year project, (3) Presentation of research project in international conferences. Students will have excellent opportunities to broaden their knowledge in one of the following partner universities: University of New South Wales, Sydney (Australia.), University of Innsbruck (Austria), Hiroshima University (Japan) and Hokkaido University (Japan).

Curriculum

114 credit hours of mandatory courses
30 credit hours of elective courses

Requirements for admission

1. High school graduate or third grader of high school student with good academic transcript
2. English proficiency (TOEFL score min 500 or IELTS score min 6.0).
3. Gajah Mada Scholastic Test (GMST score min 500)
4. Interview



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What the IUP of Chemistry UGM has to offer

Strong vision

The chemistry department of UGM strives to be nationally leading and internationally recognized institution in education, research, and community services, and feels engaged to prepare quality graduates having excellent knowledge and skills in chemistry capable of managing international collaboration and competing with strong motivation to achieve prosperity of human being. Established on 1 September 1960, the chemistry department has achieved international recognition.

Outstanding students and reputable graduates

Currently, there are around 480 B.Sc., 180 M.Sc., and 90 Ph.D. students studying in this department. Since it was established, it has granted 1920 B.Sc. (Sarjana Sains), 380 M.Sc., and 30 Ph.D. degrees. Our graduates work for various education and government institutions, local as well as global companies.



The importance of chemistry

We are living our own life and chemistry is in every part and moment of our life.

Chemistry is an important branch of natural sciences that helps shape our modern life. Advances in chemistry will lead to the development of new drugs, renewable energy sources, clean water supply, safe food etc. Upon graduation, our graduates can find a profession related to chemistry in many areas such as education, research and development, chemical and petrochemical industry, agriculture, mining etc.

Excellent teaching and support staffs

We have 43 quality academic staff members with 33 Ph.D. (26 from international universities). In the department, there are 14 professors, 16 associate professors. There are 38 technical staffs to support daily teaching and research activities.

The Best International Quality Assurance

The program was assessed by the ASEAN University Network Quality Assurance (AUN) in October 2009 and accredited "A" by the National Board of Accreditation of Higher Education (BAN PT). In addition, the Royal Society of Chemistry (RSC) England has unconditionally accredited the undergraduate program of chemistry in 2013.

Top research facilities

The program occupies part of the Faculty of Mathematics and Natural Sciences UGM buildings with total floor plan of 6000 m². Researches are executed at the Physical, Analytical, Organic and Inorganic Chemistry Laboratories with additional teaching laboratory of Basic Chemistry. It is also home to the Austrian-Indonesian Centre for Computational Chemistry (AIC). Array of international standards of research equipment such as AAS, UV-Vis, DTA-TGA, Electrophoresis, Potentiometer, Calorimeter, GC-MS, HPLC, H-NMR, IR, UV-VIS, TLC Scanner etc. are available. In January 2010, it acquired a new Transmission Electron Microscope (TEM), a major equipment to support nanoscience and nanotechnology. There are also many research facilities available in the university wide research laboratories.