



Republic of the Philippines
OFFICE OF THE PRESIDENT

COMMISSION ON HIGHER EDUCATION

Reference No.: IASCTS24-I-795



MEMORANDUM FROM THE OFFICE OF THE CHAIRPERSON

TO : PRESIDENTS/HEADS OF STATE UNIVERSITIES AND COLLEGES
CHED CENTRAL AND REGIONAL OFFICE DIRECTORS/
OFFICERS-IN-CHARGE

SUBJECT : DCSE GLOBAL TALENT SCHOLARSHIP 2024

DATE : 11 March 2024

The Commission on Higher Education hereby informs all interested parties of the call for applications to the DCSE Global Talent Scholarship 2024 for ASEAN students.

This program aims to contribute in strengthening academic ties between Universitas Gadjah Mada (UGM) and ASEAN Countries. Below are the available programs intended for six (6) ASEAN students for the upcoming academic year 2024/2025:

1. Master Program in Computer Science;
2. Master Program in Artificial Intelligence;
3. Master Program in Electronics and Instrumentation;
4. Doctoral Program in Computer Science

Detailed information about the scholarship, including application deadlines, required documents, and other relevant information can be found on their official website: <https://dcse.fmipa.ugm.ac.id/site/en/academic-document/dcse-global-talent-scholarship-2024/>.

The registration deadline for the Fall Semester intake is April 15, 2024, while the Spring Semester intake is on October 15, 2024.

Dissemination of this memorandum is desired.

J. PROSPERO E. DE VERA III, DPA
Chairman



UNIVERSITAS GADJAH MADA
FACULTY OF MATHEMATICS AND NATURAL SCIENCES

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<http://mipa.ugm.ac.id>, E-mail: mipa@ugm.ac.id

Reference Number: 2770/UN1/FMIPA/DEK/KM.01.00/2024

To. The Embassy of The Philippines
Imam Bonjol Street 6 - 8
Menteng, Central Jakarta 10310
Telp.: +62-21 3100334
Fax. : +62-21 3151167

Subject: DCSE Global Talent Scholarship 2024 for ASEAN Students

I hope this letter finds you well. I am writing on behalf of the Faculty of Mathematics and Natural Sciences at Universitas Gadjah Mada (UGM) in Yogyakarta, Indonesia. We are pleased to announce the DCSE Global Talent Scholarship 2024 for ASEAN students.

The scholarship is aimed at attracting outstanding ASEAN students to pursue their studies at UGM in the following programs:

1. Master Program in Computer Science
2. Master Program in Artificial Intelligence
3. Master Program in Electronics and Instrumentation
4. Doctoral Program in Computer Science

We are targeting the admission of six ASEAN students for the upcoming academic year, starting in the Academic Year of 2024/2025.

Detailed information about the scholarship, including application deadlines, required documents, and other relevant information, can be found on our official website:

<https://dcse.fmipa.ugm.ac.id/site/en/academic-document/dcse-global-talent-scholarship-2024/>.

We kindly request your assistance in disseminating information about this scholarship opportunity to potential candidates in your country. This program will contribute to strengthening academic ties between UGM and ASEAN countries.

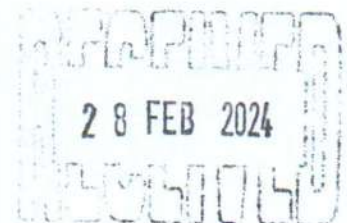
Should you require further information or assistance, please do not hesitate to contact us at [Your Contact Information].

Thank you for your attention and cooperation. We look forward to receiving applications from talented ASEAN students.

Yours sincerely,

Yogyakarta, February 22, 2024

Prof. Kuwat Triyana
The Dean of Faculty of Mathematics and Natural Sciences
Universitas Gadjah Mada



DCSE Global Talent Scholarship 2024

Department of Computer Science and Electronics
Faculty of Mathematics and Natural Sciences Universitas Gadjah Mada
Yogyakarta, Indonesia



DCSE Global Talent Scholarship is a scholarship offered by the Department of Computer Science and Electronics (DCSE) for overseas students to take a Master/Doctoral degree by research to demonstrate the need of financial assistance.

Up to six scholarships are available for eligible students to study in the Department of Computer Science and Electronics, Universitas Gadjah Mada, Indonesia in one of the following programs.

- Master Program in Computer Science
- Master Program in Artificial Intelligence
- Master Program in Electronics and Instrumentation
- Doctoral Program in Computer Science

Main Requirements

- Bachelor or Master certificate from a registered/official university in country of origin. Preferably for ASEAN countries, but other countries may still apply.
- Prospective students must have citizenship other than Indonesia and come from abroad.
- TOEFL 550, IELTS 6, IBT 70.
- Have a research proposal for with 1.5 years of timeline for Master, and 3 years for Doctoral.

Eligibility for Master Program

- The maximum age to apply for the scholarship is 35 years.
- Hold a bachelor degree in computer science, electronic, and instrumentation areas, with minimum GPA of equal to or more than 3.25 out of 4.00 from reputable university within ASEAN countries. Please be advised that master degree holder is not eligible to apply for the Master Degree scholarship.
- A good command of English
- In a good health, proven by a health certificate
- Willing to purchase health insurance during the study duration.
- Commit to all aspect of the program upon nomination
- Be physically and emotionally capable of completing the programs.

Coverage

GTS Type A

- Tuition fee full waived.
- Living allowance 2.5 millions rupiah per months
- Research support funding for publication.

GTS Type B

- Tuition fee full waived
- Research support funding for publication.

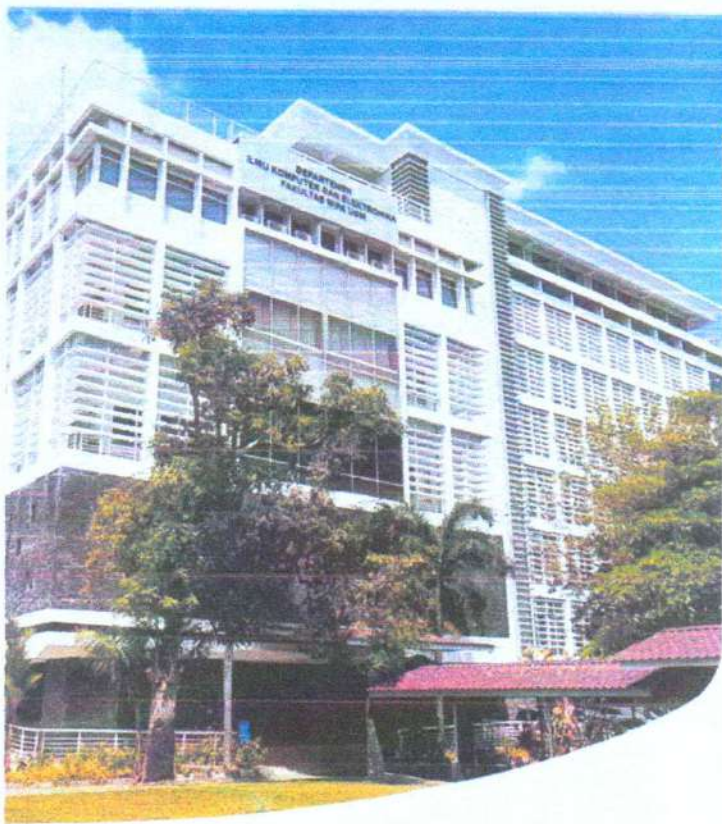
(3 semesters for Master, 6 semesters for Doctoral, with 1 additional semester.)

Note

- All scholarship coverage is meant for a single person only. DCSE Global Talent Scholarship does not provide a family allowance.
- Valid if the awardee lives in Indonesia. If the awardee is returning to his country, the scholarship will only be considered according to the percentage of his presence in Indonesia.
- All foreign students are exempt from admission fees. Other costs besides the scholarship coverage above must be borne by the student if accepted, including round-trip air tickets, health insurance, immigration and visa fees, and other costs.

Eligibility for Doctoral Program

- The maximum age to apply for the scholarship is 40 years old.
- Hold a master degree in computer science, electronic, and instrumentation areas, with minimum GPA of equal to or more than 3.5 out of 4.00 from reputable university within ASEAN countries. Please be advised that doctoral degree holder is not eligible to apply for the Doctoral Degree scholarship.
- A good command of English
- In a good health, proven by a health certificate
- Willing to purchase health insurance during the study duration.
- Commit to all aspect of the program upon nomination
- Be physically and emotionally capable of completing the programs.



Timeline for Scholarship Application

Fall Semester intake

- Registration deadline: **15 April**
- Document Screening and Interview: **End of April**
- Announcement Result: **Second Week of May**
- Semester period: **August to December**

Spring Semester intake

- Registration deadline: **15 October**
- Document Screening and Interview: **End of October**
- Announcement Result: **Second Week of November**
- Semester period: **February – June**

To be noted that the Scholarship Application and Admission Process are separated procedure. The admission process should be done separately according to <https://admission.ugm.ac.id/>. During scholarship application, the applicant should provide the admission ID which they obtained in the admission.

Requirements

- A copy of valid passport
- A formal photo passport color
- Certified copy of the diploma in bachelor degree or equivalent (in English) ●
- Certified copy of the academic transcript of bachelor degree (in English) ●
- Certified copy of the diploma in master degree or equivalent (in English) ●
- Certified copy of the academic transcript of master degree (in English) ●
- Certificate of English Proficiency (i.e. TOEFL, IELTS) for applicants from Non – English speaking countries
- Letter of motivation
- Research Proposal
- Academic recommendation letter from professors or potential supervisors ●
- A recent curriculum vitae
- Proof of completing the registration process via <http://admission.ugm.ac.id/>
- Complete the online application form.

- for Master degree scholarship
- for Doctoral Degree Scholarship

How to Apply

1. Register online at the UGM admission system <http://admission.ugm.ac.id/registration/> and choose domain DCSE Global Talent Scholarship Program by filling and uploading the following documents:
 - Colored Scan of Passport (Cover page and Personal Information pages only)
 - Official Passport-sized Photograph with red background)
 - Official Academic Transcripts, issued by your academic institution (in English)
 - Curriculum Vitae (Resume/Personal Data) – [download here](#)
 - Certificate of Bachelor Degree for Master Program, or Certificate of Master Degree for Doctoral Program
 - IELTS/TOEFL Certificate
 - Personal Statement and Motivation Letter
 - Financial Support Statement
 - Good Health Statement, issued by doctor in any format in English
 - Research Proposal (should be discussed with potential supervisor in DCSE UGM from <https://dcse.fmipa.ugm.ac.id/site/en/profil-pengajar/>)
2. Please send all documents that you have uploaded in the online system and application form with good quality to dep-ike.mipa@ugm.ac.id with subject "DCSE Global Talent Scholarship 2024" and please mention your application number.

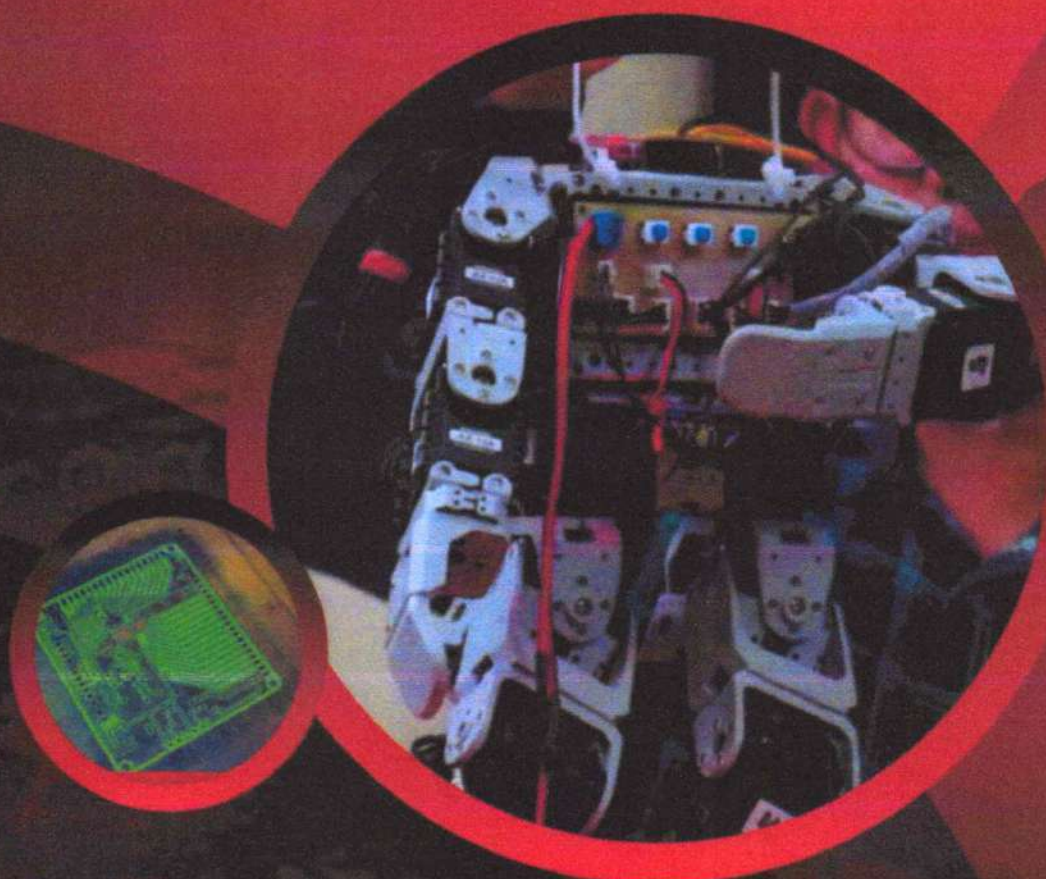
THE INTERNATIONAL UNDERGRADUATE PROGRAM IN ELECTRONICS AND INSTRUMENTATION



IUP-ELINS

Department of Computer Science and Electronics
Faculty of Mathematics and Natural Sciences
Universitas Gadjah Mada

Admission in
2024



Admission Periods

1st Intake
Jan. - Feb.

2nd Intake
Mar. - Apr.

3rd Intake
May - June

CONTACT PERSON
Admin (0813-1270-3131)
dep-ike.mipa@ugm.ac.id



<http://ugm.id/iupelinsreg>

Sekip Utara, BLS 21, Yogyakarta | Phone : 0274 - 546194
<http://dcse.fmipa.ugm.ac.id>

TWO DAYS Test Scheme

Gajah Mada Scholastic Test 90'
English Proficiency Test 150'
Interview 15'

FEE

Tuition Fee:

IDR 23.000.000,- / semester (local students)

IDR 30.000.000,- / semester (foreign students)

Application Fee:

IDR 1.500.000,-

Eligibilities

Graduates (or to be graduated this academic year) from:

- Senior High School or
- A-Level or
- International Baccalaureate

International Exposure

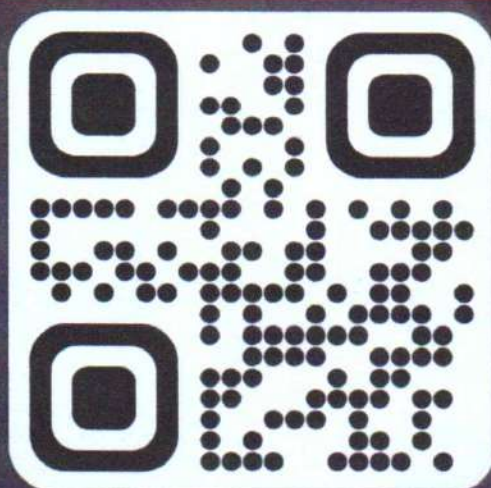
The student is required to have at least one international exposure to the following programs:

- Study Abroad
- International Internship
- Dual Degree*
- International Competition
- Student Exchange
- International Conference
- Summer/Winter School

Why Study Electronics and Instrumentation ?

There are many reasons why it is interesting and useful to study Electronics and Instrumentation (Elins). Amid Industrial Revolution 4.0 euphoria, the future is an era when the labor market will be dominated by a robot and AI-based devices. The innovation will open a new opportunity and new kind of labor. Elins' field is smart systems, robotics, and automation & instrumentation. Graduates from this study program will have excellent careers in the present and future eras. Now, Elins collaborates with foreign universities and the Agency for the Assessment and Application of Technology of the Ministry of Communication and Information of Republic of Indonesia.

VISION
MISSION
STAFF



CURRICULUM
RESEARCH
FACILITIES

SCAN US!

<http://ugm.id/1MI>

SCAN US!

electronics and instrumentation

The excellence of IUP in Computer Science UGM

The IUP in Computer Science UGM students are taught in English, more exposed to international environment, and have the opportunity to join the degree program with University of Birmingham or University of South Australia or student Exchange program in several universities in Asia Europe and Australia. They enjoy small class size and better prepared for job interview in English. The program has also been accredited internationally by ASIIN.

Curriculum

To successfully complete the study, a student must have passed at least 144 credits of courses. The standard completion time for the program is 8 semesters, or 4 years. The courses are divided into two categories: compulsory (114 credits) and electives (30 credits). Compulsory courses include, among others, Programming I and II, Database, Advanced Algorithms, Computer Networks, Software Development, Artificial Intelligence, and Machine Learning. Some elective courses include Distributed Algorithms, Digital Image Processing, Fuzzy Logic, Pattern Recognition, Data Mining and Business Intelligence, Information Retrieval, Digital Forensics, Network and Mobile Programming, and Computational Big Data Analysis. These classes are provided by five research labs.

Facilities

The Department of Computer Science and Electronics has five research labs: Algorithm and Computing, Intelligent Systems, Data and Software Engineering, Computer Systems, and Electronics and Instrumentation. There are 51 teaching staff members, including 28 with PhDs, 16 of whom earned their degrees from foreign universities. The department has one professor and 14 associate professors. In addition to comfortable classrooms, students also benefit from a special common room and access to drinks, as well as reliable Wi-Fi internet connection.



Eligibilities

Graduates (or to be graduated this academic year) from:

- Senior High School** or **A-Level** or
- International Baccalaureate**

Admission Periods

| 1st Intake | 2nd Intake | 3rd Intake |
|------------|-------------|-------------|
| Jan - Feb | April - May | June - July |

More information about Intake Schedule:

ugm.id/iupcsintake

Test Scheme

| | Test | Duration |
|-------|----------------------------|-------------|
| Day 1 | Gajah Mada Scholastic Test | 90 minutes |
| Day 2 | English Proficiency Test | 150 minutes |
| | Interview | 15 minutes |

Academic Fees

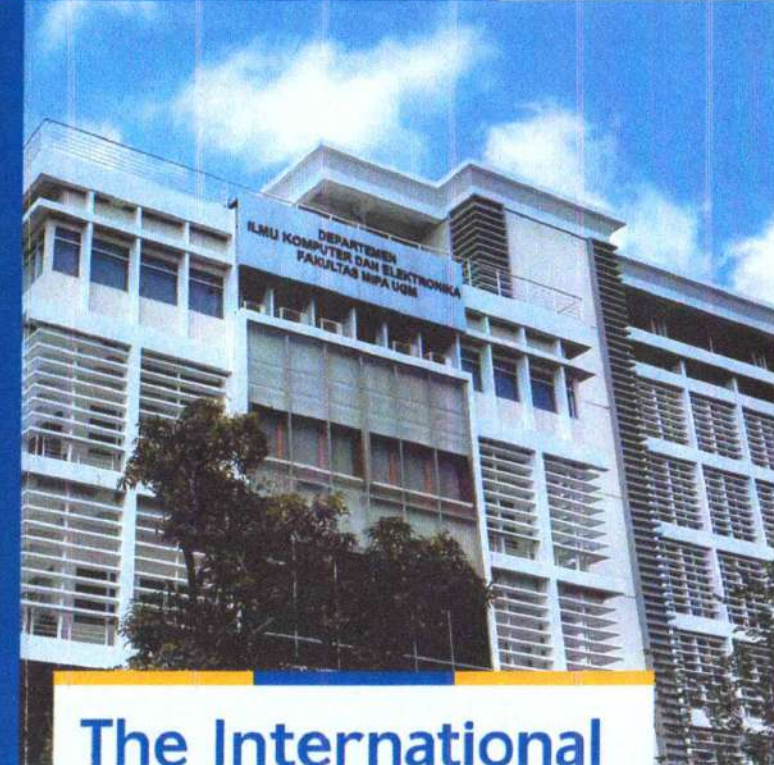
| | Fee |
|-------------|-------------------------------------|
| Tuition | IDR 23.000.000,-/semester (local) |
| Application | IDR 30.000.000,-/semester (foreign) |
| | IDR 1.500.000,- |



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The International Undergraduate Program in Computer Science

Department of Computer Science and Electronics

Faculty of Mathematics and Natural Sciences

Developing the most future Excellence career as a computer expert

In the last 25 years, there has been rapid progress and evolution in computer science and information technology, profoundly transforming all aspects of society. Predicted as the fastest-growing industry for the next four years, the computing field has seen a surge in job titles and a growing demand for professionals, according to the US Department of Labor's Bureau of Labor Statistics.

The computer industry boasts various rewarding careers, such as computer scientists, software engineers, database administrators, web developers, and more. The range of roles includes desktop or mobile application programmers, computer game designers, information security specialists, and digital forensic examiners.

The demand for educated computer experts with university degrees is expected to persist, given the increasing offerings from computer science universities. As the industry continues to expand, early entry into this competitive and lucrative arena is a wise decision for international students.



Why study computer science

There are many reasons why it is interesting and useful to study computer science period here are some thoughts on this topic.

- ▶ Computer science is a rapidly growing field with a profound impact on society. It continues to expand, offering an exciting place for work and learning.
- ▶ Computer science students have numerous opportunities to gain hands on experience in this Dynamic field through research, scholarship programs, and internship.
- ▶ Computer science majors are in high demand for well paying jobs in technology, science, business, healthcare, industry, government, and other sectors.
- ▶ Computing and computer technology touch every aspect of our lives, from the cars we drive to the movies we watch. In the 21st century, understanding various dimensions of computing is essential for an educated person.

Study computer science at the IUP-CS UGM

In response to the first based progress in information and communication technology and increasing global and national demands for ICT professionals, the International Undergraduate Program in Computer Science is established in UGM, starting in the academic year of 2011/2012. The program offers both overseas as well as Indonesian students an opportunity to study and obtain their bachelor's degree in computer science with international standard and excellent curriculum. The international undergraduate program is part of UGM's undergraduate program in computer science, which was established in 1987.



International Exchange Program



Dual Degree Program



The educational objective of the degree program is to produce graduates who are able to be at the vanguard of the development of computer science, in particular, and science and technology, in general, to work and compete in the national and global labor market, and to pursue higher levels of education.



Industrial Research Service



General Internship



International Internship



General Internship



International Exchange Program



Activity of Student Organization

Living in Yogyakarta

UGM is located in Yogyakarta, a city in Java, Indonesia, well-known as a center of education. Schools and universities are scattered throughout the city. Yogyakarta is cherished for its classical Javanese fine arts and culture, including traditional music and dances, batik, ballet, poetry, puppet shows, etc.

The city boasts numerous attractive places to visit, ranging from mountains to beaches, malls to palaces, and temples. Yogyakarta is also renowned for its affordable cost of living, making it highly suitable for students.

