



PROSPECTUS INFORMATICS STUDY PROGRAM

MASTER'S PROGRAM

A journey of learning, leadership,
and lasting impact.



I'm Ull

Islamic Mondial Upfront Intellectual Indonesian

UNIVERSITAS
ISLAM
INDONESIA

Accredited

Unggul

BAN-PT No. 705/SK/BAN-PT/AK-PPJ/M/VIII/2021





MASTER PROGRAM IN INFORMATICS

Faculty of Technology Industry
Universitas Islam Indonesia

Accredited

Unggul

BAN-PT No. 610/SK/BAN-PT/AK-PPJ/M/II/2023



A GREET FROM HEAD OF MASTER'S PROGRAM

Informatics Study Program - Master's Program at the Islamic University of Indonesia offers **excellent academic services** for students to develop themselves into reliable human beings in the field of information technology who are able to solve complex problems, think critically, collaboratively and creatively. In addition, the **learning process is guided by world-class experts** in a supportive academic environment and climate.

Prospective students can choose one of **4 areas of concentration**, namely: enterprise information systems, medical informatics, digital forensics, or data science. These four concentrations are pillars in the field of information technology. And we prepare graduates to be able to act as academics, researchers and practitioners with qualified skills.

This prospectus contains general information regarding the informatics study program - master's program. We hope that prospective students will get an overview of the study program's vision and mission, academic facilities, new student registration flow, and testimonials from alumni.

UII is **the best Islamic campus**. Future leaders, come abroad!

Best regards,

Ir. Irving Vitra Paputungan, S. T., M. Sc., Ph. D.
Head of Informatics Study Program - Master's Program
Faculty of Industrial Technology
Universitas Islam Indonesia

VISION

To develop into a top-tier Master's Program in Informatics that is recognized nationally, grounded in Islamic principles and utilizing education, research, and community service to generate competent, *Ulil Albab*-quality graduates..



MISSION

- Develop qualified education that produces intellectuals and professionals with *Ulil Albab* character in the field of informatics.
- Carry out research to solve actual problems and develop science and technology to answer future challenges.
- Carry out community service by applying research results to improve community welfare.
- Establish mutually beneficial collaboration with alumni, the community and other institutions to support the implementation of education, research and community service.



PROGRAM PROFILE

Graduates of the Master program in Informatics are competent professionals with expertise in data science, digital forensics, enterprise information systems, and medical informatics. They can also handle challenging problems and think critically, creatively, and cooperatively.

ACADEMIC

Act as a professional academic and have good capacity as an educator and manager of educational institutions.

RESEARCHER

Play an active role in research and scientific development in the fields of enterprise information systems, medical informatics, digital forensics and data science.

PRACTITIONER

Play an active role in the development and implementation of information technology for the benefit of the wider community.

CONCENTRATION

INFORMATICS STUDY PROGRAM

MASTER'S PROGRAM

Medical Informatics

The profile of graduates with a concentration in Medical Informatics is:

(1) Health care managers, develop innovative applications for health services and information and provide information management consulting services for health care organizations.

(2) Leader in the field of clinical information technology, and able to design and develop clinical decision support systems and knowledge-based systems.

(3) Researchers and developers of new technologies, as well as those who use technology to combine clinical and research data, can work with industry as consultants and clinical input providers during the design phase.

(4) Academic teaching staff, which includes creating educational programs in the field of medical informatics and instructing students in the medical or clinical fields as well as other medical informatics courses.

Enterprise Information System

The **Enterprise Information Systems** concentration seeks to produce graduates with an enterprise mindset, namely a comprehensive mindset regarding the application of information systems in an enterprise or organization. Students will study the application and interaction of information systems, both using standard and contextual approaches according to enterprise conditions.

Students will examine these approaches in all stages of the information systems life cycle, namely:



CONCENTRATION

INFORMATICS STUDY PROGRAM

MASTER'S PROGRAM

Digital Forensics

Students who graduated from the Master's Informatics Study Program with a concentration in Digital Forensics are expected to have the following basic abilities:

They have basic skills as examiners or digital forensics experts in either law enforcement or other non-law enforcement agencies.

They have adequate academic abilities to pursue higher-level studies.

The Digital Forensics concentration curriculum is designed to provide them with knowledge and skills in understanding the procedures and processes required for conducting digital forensics activities.

Support Learning:

Standard tools for digital forensics

Digital forensics centers and lab

Professional lectures and various experiences related to the fields

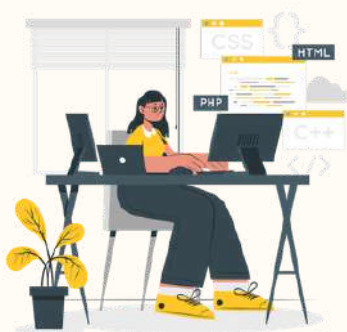
Wide alumni networking

Data Science

The Data Science concentration focuses on analyzing and modeling data from various scientific and practical domains, such as industry. This program emphasizes a strong understanding of fundamental concepts, such as Machine Learning, Deep Learning, and Causal Modeling.

Strong scientific and research backgrounds, as well as a variety of relevant expertise in the real world of practice, support the teaching staff of this curriculum. Moreover, this curriculum is supported by state-of-the-art computational capabilities that enable students to conduct in-depth modeling and data analysis, simulations, and exploration.

This program also prioritizes reliable and applicable technical skills. With these two characteristics, the Data Science Concentration prepares graduates with adequate theoretical and practical skills for various professions, from academics (such as lecturers and researchers) to professionals in the industrial world (such as data scientists, machine learning engineers, and big data administrators).



Scholarship and Publication Awards

The master's program of Informatics provides incentives for students who successfully carry out scientific publications in journals or conferences. The scholarship opportunities that students can achieve are as follows:

Alumni Scholarship

Awarded to master's students and former participants in Indonesian Islamic University's

External Scholarship

Scholarships from the Ministry of Research, Technology, and Higher Education, BPPDN, and numerous other sources are also administered by the Informatics degree for the UII master's degree.

Competitive Scholarship

An "A" study program accreditation is required for college graduates to be eligible for the Competitive Scholarship.

Tuition Fee and Study Path

Full-time Class

The total tuition fee is IDR 40,000,000 for a four- semester study period.

- Tuition fees can be paid four times IDR 10,000,000 for each semester).
- Additional study period (semester 5 - 8) costs IDR 5,000,000 for each semester.

Professional Class

The total tuition fee is IDR 45,000,000 for a three-semester study period.

- Tuition fees can be paid three times (IDR 15,000,000 for each semester)
- Additional study period (semester 4 - 8) costs IDR 5,000,000 for each semester

Admission Test

Academic Potential Test

Interview

Choose Your Study Path

You can choose between full-time or for professionals pathway during your study at Informatics study program for master's.

Full-time

Full-time class held at main campus on Thursday, Friday, and Saturday.

Professional

The professional class is intended for individuals who are employed. Several in-person lecturers take place each month. The remainder is done online.

Admission Procedure



1

Prepare the application documents in accordance with the requirements listed on the website

migateway.uil.ac.id/mi-pmb/



2

Register for a NIU account, purchase the UPCM form, and upload your application documents on the website

admisi.uil.ac.id



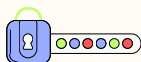
4

The system will send the registration number to the email address you used when registering on **MI-PMB**



3

Fill out the registration form in the **MI-PMB** system by clicking "**Create Registration Number**" on the website



5

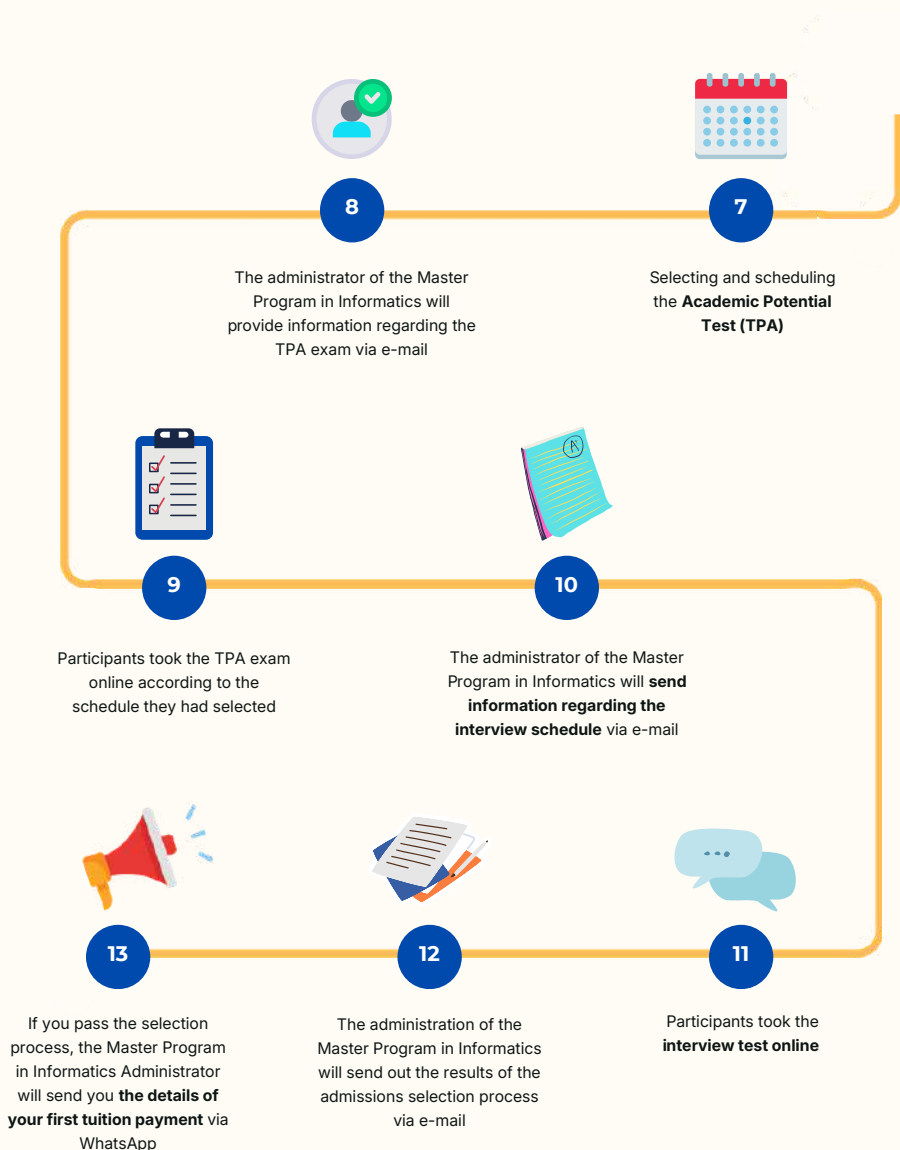
Log in using your **Registration Number** and **Password** to access the **MI-PMB** page



6

Complete your personal information in the **MI-PMB** system

Registration Procedure



Facilities



Main Library Access (Moh. Hatta Building)

*Online Journal
Science Direct
Proquest*

Google Services

*e-Mail
Google Classroom
Google Drive*



IT Services

*UII Connect
Eduroam
VPN
UII Gateway
UII Print*

Sports Facilities

*UII Sport Center
Gymnasium
Medicine and Health Center*



Computer Lab

Study Lounge



Scan for more:



Testimonials

Hear what our **alumni** said about Informatics Master's Program



**Satya Abdul
Halim Bahtiar**

The highly competent lecturers and supportive staff on the UII Master's Programme in Computer Science have helped me to grow and develop.



Isriade Putra

During my Master's degree in Computer Science at UII, I not only gained in-depth academic knowledge, but also developed intellectually, emotionally and spiritually. Thanks to all these experiences, I landed my dream job straight after my thesis defence, which proves that UII prepared me extremely well to face the challenges of the workplace.



Erin Eka Citra

The enthusiasm for learning shown by my classmates and lecturers, support for attending conferences and conducting research using the latest algorithms, industrial study placements at several companies in Jakarta, thesis supervision through a thesis bootcamp, international seminars, and prompt and extremely helpful administrative support. Thanks UII.



**Hanifah
Mardlatillah**

I am delighted to have been part of the UII Master's Programme in Computer Science, as it has not only enriched my academic experience but also provided me with wonderful acquaintances and connections, particularly among the teaching staff. Thank you, UII Master's Programme in Computer Science



Muhardinata

I had an exceptional learning experience. I gained an understanding of Islamic ethics and values, which were implicitly taught in every module. The lecturers did not merely impart technical knowledge, but also instilled an understanding of what is and is not permissible for an IT professional to do, in accordance with the principles of fiqh.



**Rio Pradana
Aji**

Alhamdulillah, the UII Master's in Computer Science is ideal for students who work part-time; the timetables are flexible, and the lecturers are highly competent and deeply committed to helping students develop their skills.

WHY
CHOOSE

Yogyakarta for study?

Life at Yogyakarta

Yogyakarta is a vibrant university town that exudes a unique atmosphere from every corner. The city's friendly people create a comfortable environment for learning, providing the perfect setting to develop your personality and expand your horizons. The tropical climate, with an average daily temperature ranging from 23-32 degrees Celsius, makes Yogyakarta a pleasant place to live. Moreover, the city offers easy access to transportation and diverse supporting facilities, making it an ideal location to thrive.

Transportation

Yogyakarta is in a quite strategic location. Access to and from Yogyakarta can be achieved using various modes of transportation, such as buses, travel, trains, and airplanes. To take you around the Yogyakarta area, online motorbike taxis are a friendly option. Apart from that, you can drive comfortably and safely using a private vehicle with friends and family.



Maps Universitas Islam Indonesia

Scan to see the map



Time and Distance Estimation

Adi Sutjipto Airport	15 Km (ETA. 30 minute)
New Yogyakarta International Airport	52 Km (ETA. 120 minute)
Yogyakarta Station (Tugu)	15 Km (ETA. 40 minute)
Giwangan Bus Terminal	24 Km (ETA. 30 minute)
Jombor Bus Terminal	14 Km (ETA. 25 minute)

*Data was taken from <https://www.uii.ac.id/kehidupan-di-yogyakarta/>



Main Campus of Universitas Islam Indonesia Yogyakarta

Supporting Facilities

Yogyakarta is known to be friendly to immigrants, especially students. Various facilities are available to support a comfortable stay. For those of you who are married, choosing the ideal place to live is an obligation. Boarding houses and/or renting are two favorite options for students. You can find boarding houses or rented houses easily according to your preferences and needs. The choice of living close to campus or the city center is accommodated by many boarding houses and rentals.

To meet household needs, traditional markets and modern markets are easy to find in almost every corner of the region. Various other supporting facilities such as schools for children, places to eat, places of worship and hospitals are easy to find.

Tourist City

Yogyakarta has a variety of tourist destinations, ranging from nature, shopping, to culture. Yogyakarta's location on the southern coast of Java Island offers beautiful beaches. Meanwhile on the north side there is Mount Merapi which also has several tourist destinations around it. Activities usually carried out by tourists include hunting for typical Yogyakarta culinary delights such as; Gudeg, Sate Klathak, Tiwul, and various kinds of market snacks at Angkringan.

Angkringan carts line the streets of Yogyakarta. Have fun with friends while enjoying Sego Kucing (Cat Rice) and warm ginger milk or other warm drinks. While recharging energy to face tomorrow. The cafes in Yogyakarta are no less delicious, providing a place to study, discuss with friends and chat.



U11 Main Campus is located at the slope of Merapi Mountain

Estimated cost of living in Yogyakarta*	
Needs	Estimated cost per month
Renting Room	IDR 400,000 - IDR 1,000,000
Transportation	IDR 100,000 - IDR 200,000
Foods	IDR 1,000,000 - IDR 1,800,000
Data Cellular	IDR 100,000 - IDR 200,000
Entertainment	IDR 1,600,000 - IDR 3,350,000

*Data can be change depends on how you spend your money



MASTER PROGRAM IN INFORMATICS

For more information:

[INFORMATICS.UII.AC.ID/MAGISTER](https://informatics.uii.ac.id/magister)

Contact Us



+62 859-6024-6170 (Admin MI)



+62 813-9246-9391 (Jerry)

Social Media



@magistertf.uii



mi@uii.ac.id