

SARJANA INFORMATIK KESIHATAN(KAEDAH MODULAR) *MASTER OF HEALTH INFORMATICS(MODULAR MODE)*

Pengenalan Program / *Introduction*

The Master of Health Informatics (MHI) program is an advanced degree designed for individuals interested in the intersection of healthcare and information technology. It equips students with the knowledge and skills necessary to effectively manage and utilize healthcare data to improve patient outcomes and enhance the overall efficiency of healthcare systems.

The MHI program offers a comprehensive curriculum that blends the fields of healthcare, computer science, and information systems. Students gain a deep understanding of the healthcare industry, including healthcare delivery models, and healthcare regulations. They also develop expertise in data management, data analysis, and information technology systems.

Throughout the program, students are exposed to various facets of health informatics, such as electronic health records (EHRs), health information exchange (HIE), clinical decision support systems, and telemedicine. They learn how to leverage these technologies to optimize healthcare processes, facilitate seamless communication between healthcare providers, and enable evidence-based decision-making.

The MHI program also emphasizes the ethical and legal considerations surrounding health informatics. Students explore topics such as patient privacy, data security, and regulatory compliance to ensure that healthcare information is handled with utmost confidentiality and integrity.

Graduates of the MHI program are prepared for a wide range of careers in the healthcare industry. They may work as health informatics specialists, data analysts, clinical informaticists, or project managers in hospitals, healthcare organizations, research institutions, and government agencies. They are equipped to contribute to the development and implementation of innovative health information systems that drive improvements in patient care and healthcare outcomes.

Overall, the Master of Health Informatics program offers a unique blend of healthcare and information technology education, equipping students with the skills and knowledge to thrive in the dynamic and evolving field of health informatics.

Durasi / *Duration*

- Full time : 2-4 semester
- Part time : 4-8 semester

Hasil Pembelajaran Kursus / Course Learning Outcome

PROGRAMME LEARNING OUTCOME

- Apply health informatics to support decision making, knowledge management and strategic planning to produce an efficient health care system.
- Evaluate the capability, feasibility, and suitability of information systems to be integrated into the health services.
- Practice lifelong learning to equip themselves with latest knowledge and technology in the area of health informatics.
- Act professionally and ethically as well as having a clear understanding of the social, economic and cultural impact as the result of adopting health informatics.

Yuran / Fees

RM24,000 for LOCAL candidate.

Complete program fee is RM24,000 which will be paid in THREE (3) installments (FULL-TIME) on per semester basis (1st Sem:RM9,000, 2nd Sem:RM7,500 and 3rd Sem: RM7,500),

OR

FOUR (4) installments (PART-TIME) on per semester basis (1st Sem:RM7,200, 2nd Sem:RM5,600, 3rd Sem:RM5,600 and 4th Sem: RM5,600)

RM32,000 for INTERNATIONAL candidate.

Complete program fee is RM32,000 which will be paid in THREE (3) installments (FULL-TIME/PART-TIME) on per semester basis (1st Sem:RM12,000, 2nd Sem:RM10,000 and 3rd Sem: RM10,000)

Struktur Kursus / Course Structure

Structure	Course Credit	Course
Compulsory	20 credits (equivalent to 5 courses)	<ul style="list-style-type: none"> » TS6024 Information Modelling and Databases » TY6024 Health Informatics » TY6034 Analysis and Design of Health Information Systems » TY6044 Enterprise Architecture for Health Information Systems » TY6054 Information Technology Management » TM6112 Research Method in Computing (AUDIT)
Electives	8 credits (equivalent to 2 courses)	<ul style="list-style-type: none"> » TY6064 Law and Ethics in Healthcare » TC6424 Fundamental of Data Science » TU6314 Business Analytics and Intelligence » FK6313 Principles of Healthcare Management
Project	12 credits	<ul style="list-style-type: none"> » TY607C Project
Total	40 Credits	

Kelebihan Program / *Advantages of Program*

Syarat Kemasukan / *Entry Requirements*

A bachelor degree in Medical or Health Sciences with minimum CGPA of 2.75 from universities recognized by the Senate of UKM

or

or other relevant professional qualifications in medical or health sciences recognized as equivalent to honours degree by the UKM Senate.

TOEFL/IELTS/MUETS/CEFR

For international candidates, requirements for English Language is:

minimum 550 (PBT) / 46-59 (iBT) score for the Test of English as a Foreign Language (TOEFL) or 5.5 for the International English Language Testing System (IELTS) or Band 3 for Malaysian University English Test (MUET) or level B2 for the Common European Framework of Reference for Languages (CEFR/CEFR) as a prerequisite for entry into graduate programmes at FTSM.

Language Requirement

Malay Language Courses (4 units)

All international students are required to follow two (2) Malay language courses equivalent to 4 units offered by the Citra Centre. Exemptions can be given to candidates who have taken and passed Malay language courses organized by other bodies recognized by the UKM Senate.

Mod Program / *Mode of Program*

Modular Mode

Cara Memohon / *How to Apply*

Pendaftaran secara online melalui <https://join.ukm.my/> setahun dua pengambilan (pengambilan Mac dan September). Yuran permohonan sebanyak RM50.00 (untuk pemohon tempatan) dan USD30.00 atau RM100.00 (untuk pemohonan antarabangsa) dibuat ke akaun CIMB Bank Berhad atas nama Pusat Kembangan Pendidikan (8002233817).

Online registration via <https://join.ukm.my/> (Mac and September Intake). Application fee of RM50.00 (for Malaysian application), USD30.00, or MYR100.00 (for International applicants) has been paid to Pusat Kembangan Pendidikan, CIMB account number (8002233817).

Hubungi / *Contact*

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