Expand career prospects with a Master's in HIA

HEALTH Informatics and Analytics (HIA) is a discipline that combines healthcare, information technology and artificial intelligence.

Applications of HIA cover precision diagnosis, early detection of serious illnesses, assistance to cardiology, radiology or surgery, drug discovery and healthcare administration.

The technologies involved are related to data science/data analytics, artificial intelligence, image processing, wearables (smartwatches) and Internet of Things (IoT), robotics and augmented/virtual reality.

With this career gaining popularity, International Medical University (IMU) will be offering a Master in Health Informatics and Analytics (MHIA) with its first intake in September.

This programme will train the next generation of leading researchers and practitioners seeking to develop the most effective ways to organise, coordinate, manage, and deliver high-quality patient care and public health.

Students will become experts in linking and analysing large complex data sets, using techniques which are transforming medical research and creating exciting new commercial opportunities.

Upon graduation, the students will be able to:

● Serve as a subject matter expert in Healthcare Informatics and Analytics within a team.

● Develop structured processes to ensure data availability, usability, integrity and security.

● Utilise a wide variety of methods and technologies to support decision making.

● Utilise innovation and systems thinking to move the organisation forward.

IMU's one-year full-time MHIA programme – also available part-time – provides the perfect pathway for recent graduates or professionals from various areas who intend to move their career into this area of the healthcare sector.

IMU will be offering a Master in Health Informatics and Analytics (MHIA) with its first intake in September 2021.

This is also an ideal programme for current health and social care practitioners who are looking to gain additional knowledge and skills in digital innovation.

The programme will also lead on to opportunities for further studies (PhD).

How?

The MHIA programme is a 40-credit programme offered in three levels (postgraduate certificate, postgraduate diploma and Master's) allowing for multiple exit.

Students will enrol into the Master's programme but they can exit at the postgraduate certificate and postgraduate diploma levels.

They can choose to complete all modules of the Master's programme, within a year as a full-time student or within a maximum period of four years as a part-time student.

The programme offers accelerated, modular and blended learning to provide more flexibility to working professionals in the form of online study options.

To ensure a rounded understanding of the issues to formulate intervention and value creation strategies in class simulation or actual industry-based intervention, students will have to undergo a robust curriculum that involves lectures, tutorials, case studies, written assignments, group projects, presentations and discussion boards.

This programme is open to students with a bachelor's degree (or equivalent through APEL) in any discipline / area. Students without a computing and/or statistical background will have to take the "Introduction to Computer Science and Programming" and/or "Statistics Thinking for Health Analytics" modules at the very beginning of the programme.

■ For more information about this or IMU's other postgraduate programmes, call 03-2731 7272, e-mail postgraduate@imu.edu.my or visit www.imu.edu.my.