

## PROGRAMME DESCRIPTION

The Master in Medical Ultrasound program is designed to develop professional competencies by integrating high level clinical skills, theoretical knowledge. The Masters course focuses on clinical sectional anatomy, ultrasound of abdomen and pelvic organs, echocardiography, clinical sonography. This program will equip students with intensive training in both the theoretical basis of medical ultrasound along with scanning and diagnostic skills. After completing this course student can move into administration, private industry, research, teaching or a highly specialized ultrasound technology field.

## PROGRAMME AIM

The aim of Master in Medical Ultrasound program is to develop ultra sonographers who can respond to the dynamic needs of the profession, the health service and its users. The Master in Medical Ultrasound program shall produce Sonographers who are:

- Knowledgeable and competent in performing medical ultrasound procedures.
- Efficient in multilevel communication skills and demonstrate good leadership qualities as well as having the ability to work as a team.
- Capable in problem solving through scientific skills with great values, attitudes and professional ethics.
- Able to practice social skills and responsibilities in community through effective information management and recognize the need of lifelong learning through high impact research and publication.

## INTAKE AND ENTRY REQUIREMENTS

1. April, 2. November

### Entry Requirements:

- i. Bachelor's Degree (Level 6, MOH) in the field of Medical Ultrasound or other fields related to the program with a minimum CGPA of 2.50 or equivalent as accepted by the Lincoln University College Senate; or
- ii. Bachelor's Degree (Level 6, MOH) or equivalent in the field of Medical Ultrasound or other related areas that are not meeting CGPA of 2.50 may be admitted subject to 5 years of working experience in the related field.

For non-Malaysian citizens, please refer to the Malaysian Qualification Agency's (MQA) List of Overseas Qualifications & its equivalency with Malaysian Education System to see if you qualify for this course.

### English Requirements :

International students must have proof of good proficiency in verbal and written English. For example, International English Language Testing System (IELTS) score of 6.0 or its equivalent. If a student does not meet this requirement, HEPS must offer English proficiency courses to ensure that the student's proficiency is sufficient to meet the needs of the programme.

## LIST OF COURSE/MODULE OFFERED IN THE PROGRAMME

NO.	SUBJECT
1.	Clinical Sectional Anatomy
2.	Ultrasound Physics and Instrumentation
3.	Ultrasound of Abdomen and Pelvic Organs
4.	Musculoskeletal Ultrasound
5.	Professional Practice
6.	Small Parts and Pediatric Ultrasound

NO.	SUBJECT
7.	Echocardiography
8.	Obstetrics Ultrasound
9.	Advanced Doppler and Vascular Ultrasound
10.	Biostatistics
11.	Comparative Imaging
12.	Research Methodology
13.	Clinical Sonography
14.	Research Project
15.	Community Service

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