


# ADVANCED DIPLOMA IN MEDICAL ULTRASONOGRAPHY

(R/0914/5/0001)(7/30)(MQA/FA 12567)



 **DURATION**  
1 Year

 **INTAKES**  
February, June, October

# ADVANCED DIPLOMA IN MEDICAL ULTRASONOGRAPHY

After 20 years of producing globally recognised sonographers in partnership with an international affiliate, Vision University College now offers its MQA -accredited Advanced Diploma in Medical Ultrasonography (ADMU). This programme is designed to enable students to complete their study within one (1) year and to produce professional graduates for the healthcare industry that is always facing a shortage of sonographers. Students will be trained in-house at our ultrasound centre, which is the largest ultrasound training centre in Malaysia. Teaching and training will be provided daily involving real patients and students will undergo a practical experience of a minimum of 500 ultrasound scans. Vision University College ADMU graduates will be supported by Hire-Vision in job placements upon graduation.

## WHAT IS SONOGRAPHY

One of the ever-growing screening methods in the healthcare industry today is Medical Ultrasound (Ultrasonography) commonly known for assessing the uterus and monitoring fetal growth during pregnancy. Ultrasound scans can also be used to view internal body structures and organs. The use of this scanning method among medical practitioners has been rapidly increasing because of its effectiveness, flexibility, radiation-free, time-saving technique and cost-saving compared to other scanning methods like X-rays, CT scan and MRI. Because of these risk-free advantages, diagnostic teams are moving towards making ultrasound scanning a primary imaging modality when making a diagnosis for many diseases and conditions.

According to the Bureau of Labor Statistics (BLS), "Employment of diagnostic medical sonographers is projected to grow 17 per cent from 2019 to 2029, much faster than the average for all occupations."

(Source: <https://www.bls.gov/ooh/healthcare/diagnostic-medical-sonographers.htm#tab-6>, 23 April 2021).

With the surge of ultrasound scanning usage over the years, the healthcare industry is struggling to cope with filling the professional vacancies for the execution and interpretation of ultrasound scanning. Most radiographers, nurses and doctors have not been exposed to the curriculum and training this diagnostic method. Due to the lack of manpower, medical institutions are now investing efforts and resources into recruiting sonographers and equipping staff with sonography skills.

### Career Prospects

- Clinical Sonographer
- Research Sonographer
- Ultrasound Application Specialist
- Technical Sales Advisor
- Sonography Entrepreneur



## PROGRAMME STRUCTURE

1. Physics of Ultrasound
2. Ultrasound Application of Abdomen
3. Ultrasound Application of Pelvis, Obstetrics & Gynaecology
4. Human Pathology
5. Ultrasound Application of Small Parts & Musculoskeletal
6. Ultrasound Application of Paediatrics
7. Ultrasound Application of Circulatory & Cardiovascular System & Thorax

\*4 MPU subject's



## EDUCATION PATHWAY

Diploma in Related Field

Bachelor Degree in Related  
Disciplines

M.B.B.S or M.D

Advanced Diploma in Medical Ultrasonography (ADMU)

## ENTRY REQUIREMENTS

Applicants must hold a Diploma or Bachelor's Degree in an allied health field:

- **Cardiopulmonary Technology**
- **Diagnostic Radiography**
- **Nursing/ Midwifery**
- **Biomedical Science/ Technology**
- **Medicine (MBBS/ MD)**
- **or any other equivalent qualifications accredited by MQA and approved by the Academic Committee**

### ADDITIONAL ENGLISH PROFICIENCY FOR INTERNATIONAL STUDENTS:

- **IELTS Band 5.5**

**Vision University College** DKU059(B)

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