

Doctor of Philosophy (PhD)

Department of EMERGENCY MEDICINE

3-6 YEARS / 6-12 SEMESTERS (FULL TIME)
4-7 YEARS / 8-14 SEMESTERS (PART TIME)

Programme Introduction

The Doctor of Philosophy (PhD) is a research-intensive postgraduate programme offered by the Department of Emergency Medicine, Faculty of Medicine, Universiti Kebangsaan Malaysia. The programme is designed for aspiring researchers, academics, and healthcare professionals who seek to generate original knowledge and contribute to the advancement of medical science through high-quality, independent research.

Candidates will undertake supervised research under the guidance of experienced academicians and researchers with expertise in emergency medicine, prehospital care, primary healthcare, trauma, disaster medicine, health systems research and medical science innovation. The programme emphasizes scientific excellence, critical thinking, and the translation of research findings into evidence-based healthcare practice and policy.

Graduates will be equipped with advanced research competencies, scholarly communication skills, and academic leadership capabilities to pursue careers in universities, research institutions, healthcare organizations, government agencies, and international collaborative research networks, while contributing to the continuous advancement of medical science and healthcare delivery at both national and global levels.

ENTRY REQUIREMENTS

MASTER'S DEGREE

- ✓ A Master's Degree from Universiti Kebangsaan Malaysia or any other university recognized by the University Senate; **OR**
- ✓ Other relevant professional/vocational qualifications or related experience recognized by the University Senate as equivalent to a Master's Degree; **OR**
- ✓ Candidates currently pursuing a Master's Degree (Research Mode) at Universiti Kebangsaan Malaysia who are recommended by the Graduate Studies Committee for conversion to a Doctor of Philosophy (PhD) programme, subject to approval by the University Senate; **OR**
- ✓ A Bachelor's Degree with **First Class Honours** or equivalent qualification, with a **Cumulative Grade Point Average (CGPA) of not less than 3.67**, from Universiti Kebangsaan Malaysia or any other university recognized by the University Senate; **AND**
- ✓ International students must demonstrate proficiency in **spoken and written English** with an **IELTS score of ≥ Band 6.0** or equivalent qualification, obtained within two (2) years prior to the application date; **AND**
- ✓ All international applicants and self-funded applicants must provide acceptable proof of financial capability, either in the form of an **active bank/financial institution statement** or a **recognized financial guarantee letter**.

TYPE OF STUDY

Research Mode

Intake:
Throughout the Academic Year

AREA OF RESEARCH

-  Emergency Medicine
-  Trauma Care
-  Critical Care
-  Disaster Management
-  Pre Hospital Care
-  Community Paramedicine
-  Primary Health Care
-  Healthcare Management & Health Services Research
-  Digital Health & AI in Emergency Care
-  Medicine Health Science Research

MORE INFORMATION

APPLICATION ENQUIRY

SPS UKM



SCAN ME

PROGRAMME ENQUIRY

DEPARTMENT OF EMERGENCY MEDICINE,
FACULTY OF MEDICINE
DR. AMSYAR BIN DAUD

- ☎ +603-9145 5394
- ☎ +6017-6675 127
- ✉ amsyar@ukm.edu.my
- 🌐 www.ukm.my/medicine



Master of MEDICAL SCIENCE

Department of Emergency Medicine

2-3 YEARS / 4-6 SEMESTERS (FULL TIME)
3-4 YEARS / 6-8 SEMESTERS (PART TIME)

Programme Introduction

The Master of Medical Science is a research-based postgraduate programme offered by the Department of Emergency Medicine, Faculty of Medicine, Universiti Kebangsaan Malaysia (UKM). The programme is specifically designed for graduates who aspire to advance their expertise through scientific research and scholarly inquiry in emergency medicine and primary health care.

The programme provides opportunities for candidates to develop advanced research competencies, critical thinking, scientific writing, and evidence-based practice in areas related to emergency medical care, trauma, disaster medicine, prehospital care, healthcare simulation and paramedic education. Under the supervision of experienced researchers, candidates will undertake independent research that contributes to the advancement of emergency medical science and healthcare delivery.

Graduates will be well prepared for careers in academia, research institutions, healthcare leadership, policy development, and specialized clinical practice, while contributing to the continuous advancement of emergency medicine at the national and international levels.

ENTRY REQUIREMENTS

BACHELOR'S DEGREE

- ✓ A Bachelor's Degree with a good Cumulative Grade Point Average (CGPA) from Universiti Kebangsaan Malaysia or any other university recognized by the University Senate; **OR**
- ✓ Other relevant professional qualifications or equivalent experience recognized by the University Senate; **AND**
- ✓ International students must fulfill the English language requirement with an **IELTS score of ≥ Band 6.0 or equivalent**, obtained within the last two years prior to the application; **AND**
- ✓ All international applicants and self-funded applicants must provide written proof of financial status, either in the form of an **active bank/financial institution statement or a letter of guarantor**.

TYPE OF STUDY

Research Mode

Intake:
Throughout the Academic Year

AREA OF RESEARCH

-  Disaster Management
-  Emergency Care (Critical/Non Critical)
-  Pre Hospital Care
-  Simulation Based Emergency Medicine
-  Paramedic Education
-  Primary Health Care
-  Healthcare Management & Health Services Research
-  Digital Health & AI in Emergency Care

MORE INFORMATION

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