

## **DOCTOR OF PHILOSOPHY (PhD) ORTHOPAEDIC RESEARCH**

This programme is a Doctor of Philosophy (PhD) programme by research that is offered by the Department of Orthopaedics, Traumatology, and Rehabilitation, Kulliyyah of Medicine, IIUM.

The vision and mission of the department are to inculcate the culture of excellence in developing a better future in orthopaedics, traumatology, and rehabilitation practices through renowned education programmes based on Sejahtera Academic Framework, collaborating and delivering innovative research, and providing value-based clinical services.

The department has an accredited research laboratory, the Orthopaedic Research Laboratory (ORL), that is based in Jalan Hospital Campus. It is the first research laboratory in IIUM and also the first laboratory of orthopaedic research in Malaysia that has been accredited with MS ISO/IEC 17025:2017. The active involvement in research and the obtaining of MS ISO/IEC 17025 accreditation for the orthopaedic research laboratory prove our commitment to fulfil the aspiration, vision, and mission of the university.

### **Programme synopsis:**

It courses cover the research in Orthopaedic field including research methodology, good clinical practice, research ethics, principal of research, literature review and study design, data collection, journal appraisal, thesis writing, formatting, and submission.

At the end of phase 1, students should be able to secure an approved research topic, title or project, as well as the research design protocol and collection of data. At the end of phase 2, students should be able to come up with critically reviewed results and their implications in order to produce a publishable manuscript or scientific paper.

### **Entry Requirement:**

1. Applicant are required to have a master's degree in the field or related fields a university, or any institution of higher learning recognized by the Malaysian Qualifications Agency (MQA)
2. Other qualifications equivalent to a master's degree recognised by the Government of Malaysia; or
3. Candidates without a related qualification in the field/s or working experience in the relevant fields must undergo appropriate prerequisite courses determined by the Kulliyyah; or:

A Bachelor's degree with the following conditions:

- i. A Bachelor's degree in the field or related fields with first-class or its equivalent.
- ii. Undergo internal assessment by Kulliyyah.; AND
- iii. Any other requirement of the Kulliyyah

