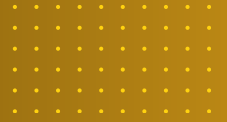




LEADING THE WAY  
KHAUFIAH - AMANAH - IQRA' - RAHMATAN UL-ALAMIN  
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INTERNATIONAL MULTI-AWARD WINNING INSTITUTION FOR SUSTAINABILITY

POSTGRADUATE PROSPECTUS

# MASTER OF SURGERY (OPHTHALMOLOGY)

*POSTGRADUATE CLINICAL SPECIALIST TRAINING*



**Department of Ophthalmology  
Kulliyah of Medicine  
IIUM**

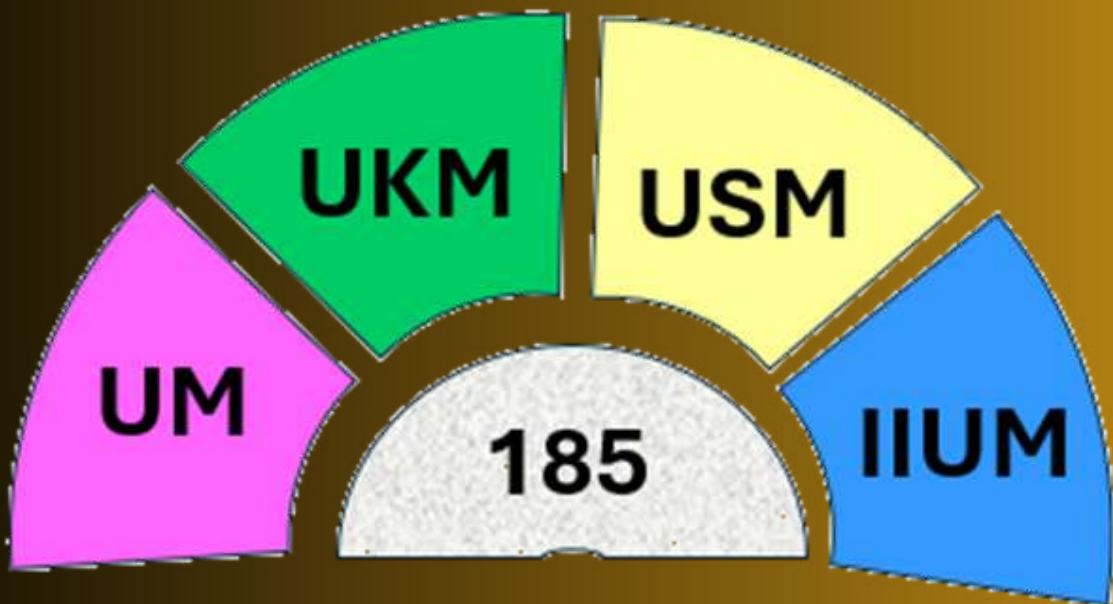
# Ophthalmology Overview

Ophthalmology is the branch of medicine that deals with the diagnosis and medical and surgical treatment of all conditions and diseases related to the eye and orbit.

## How Big Ophthalmology?

739

**NSR registered  
Ophthalmologists**



22

**Accredited Ministry of  
Health Hospitals**

130

**Accredited Trainers**

# Why It Is So Unique?

Ophthalmology is one of the few surgical specialties which combines clinical medicine and (micro)surgery. It is a highly specialised and delicate surgical field which requires a high degree of microsurgical skill. Every ophthalmic surgeon is required to have excellent hand-motor coordination, normal best corrected vision in both eyes and normal stereopsis. In Malaysia, potential trainees are required to undergo vision and stereopsis tests as compulsory prerequisites before being considered for a place on the training programme.

The field of ophthalmology has a high reliance on advanced medical technology ranging from high resolution diagnostic imaging tools to cutting-edge laser-assisted surgical equipment. The technology is constantly improving and has created many breakthroughs in the past decade, making ophthalmology one of the most exciting and attractive medical or surgical specialties. It has become one of the most popular and highly competitive specialties around the world. In Malaysia, the application for entry into the training programme has more than tripled in the past 10 years.



# WHY CHOOSE THE OPHTHALMOLOGY SPECIALTY AS A CAREER?

In Ophthalmology, the practitioner is both a physician and a surgeon, providing the full spectrum of comprehensive ophthalmic care to the patient with a high level of job satisfaction. For example, cataract surgery is one of the most performed surgery in the world, and the most successful. The visual improvement seen in patients is rapid and deeply satisfying to the surgeon. The advanced technology used in ophthalmic medicine is constantly evolving and creating exciting medical breakthroughs, and shows great potential for further development and advancement in eye research and visual rehabilitation.



# PROGRAMME STRUCTURE



Master of Surgery (Ophthalmology) programmed is a four (4) years master's programme by Clinical Specialist Training with full time programme based on rotations and not semester based. The minimum duration shall be four (4) years, with total years not exceeding seven (7) years.

The programmed is designed to produce Ophthalmologists who are not only competent but can pursue further training in a subspecialty of their interest. As the training progresses, the trainees will be given tasks of incremental responsibility for patient care with a corresponding reduction in the level of supervision. The goal of this programme is to produce safe and skilful Ophthalmologists imbued with Islamic values.

The curriculum structure is designed to allow for progressive mastery in knowledge and clinical skills with increasing level of independence and responsibilities imbued with professional and Islamic values via IOHK. It will also stimulate trainees to develop further interest in ophthalmology Subspecialties as well increase the number of research in the ophthalmology field.

This programmed is divided into three (3) phases with multiple clinical postings:-



## PHASE I (Year 1)

# 12

The trainee will undergo twelve (12) months of ophthalmology clinical posting. During this period, they must acquire adequate theoretical knowledge of Ophthalmology Related Basic Medical Sciences, Basic Ocular Sciences Optic and Refraction and Introduction to Clinical Ophthalmology.



The trainees are expected to apply this knowledge in the day-to-day management of ophthalmology patients. At the end of the year, the trainees would be sitting for Part I Examination conducted by Malaysian Universities Conjoint Committee of Ophthalmology (MUCCO). The candidates are required to pass this examination to be eligible to enter Phase II.

## PHASE II (Year 2 & Year 3)

This phase would take two (2) years. The trainees will undergo 24 months of ophthalmology clinical posting. In this phase, trainees would have more in-depth knowledge of ocular diseases and medical related ocular diseases with better ability to perform and interpreted relevant investigations. As this is a clinical training, trainees must also achieve a set of merit points which would be given for publications, presentations and case write ups. They should be able to perform basic ophthalmic surgery under supervision.

In Year 2 the trainees should prepare and present proposals for their dissertation and obtain ethical approval. The research will be conducted and / or completed during Year 3. At the end of Year 3, the trainees would undergo the Part II Examination conducted by the Ophthalmology Conjoint Board. The candidates are required to pass this examination to be eligible enter to Phase III.

## PHASE III (Year 4)

The trainees will be posted to do twelve (12) months of ophthalmology clinical posting. In this phase, trainees should be able to manage common and acute ophthalmic condition independently and communicate effectively with patients, relatives and colleagues. Trainees are expected to be able to perform common surgical procedures with minimal supervision. However, they are expected to recognise their limitations.

Trainees should have knowledge on prevention of blindness programme and have experienced to be actively involved in the related activities. They must submit a complete dissertation six (6) months before part III examination.



## EXAMINATION

In essence throughout this programme, trainees will undergo three (3) examinations:-

**PART I**

**At the end of the Phase I**

**PART II**

**At the end of the Phase II**

**PART III**

**At the end of the Phase III**

# PROGRAMME CONTENT

## YEAR 1

Basic Medical Sciences  
Optic & Refraction  
General Ophthalmology

## PART I EXAMINATION

## YEAR 2

Multidisciplinary &  
Subspecialties Rotation

## YEAR 3

Multidisciplinary &  
Subspecialties Rotation

## PART II EXAMINATION

## YEAR 4

Advanced Subspecialties  
Rotatio

## PART III EXAMINATION

ISLAMISATION OF  
HUMANKNOWLEDGE IN  
MEDICINE (IOHK)



# ADMISSION REQUIREMENT

## General Requirement

These will conform to the Postgraduate Regulations (Revised 2021) of the University.

## MALAYSIAN APPLICANT

- Possesses a MBBS / MD degree or equivalent qualification from an institution recognised by the Malaysian Medical Council (MMC).

AND

- Had undertaken at least one (1) year of post-full registration clinical experience, certified by the relevant authorities (Three [3] years post-graduation).

## INTERNATIONAL APPLICANT

- Possesses a Bachelor of Medicine and Bachelor of Surgery degree or equivalent from a university and is registrable under the Medical Act 1971 (Act No. 50) of Malaysia.
- If the institution which the applicant graduated from is not recognized by the Malaysian Medical Council (MMC), the applicants are

- required to pass Examination for Provisional Registration (EPR) conducted by MMC (Malaysian Medical Council).
- Had undertaken at least three (3) years of post-registration clinical experience by the relevant authorities.
- International English Language Testing System [IELTS] (minimum band score of 6.0) / Test of English as a Foreign Language [TOEFL] (paper based: 650).
- Pass the department assessment and evaluation after three (3) months trial period of attachment and repeat another three (3) months if the first (1st) assessment is not satisfactory. Maximum duration of attachment is six (6) months only.
- Applicant is required to undergo a six (6) month probation period in an Ophthalmology Department, Kulliyah of Medicine, IIUM (International Islamic University Malaysia) prior to acceptance into the programmed.
- Show proof of financial ability to pursue their studies and live in Malaysia for the duration of study.

- A letter of financial guarantee / sponsorship or the most recent financial statement from applicant's bank is sufficient.
- Clear the medical check-up by the University's health authorities.
- Have international passports with at least two (2) years validity and meet all immigration procedures.

## Other Requirement

- Pass the Basic Sciences Examination (Ophthalmology) [BSE (Ophthal)].
- Pass the Malaysian University Conjoint Committee of Ophthalmology (MUCCO) entrance evaluation and interview (only for MOH candidate).
- Favourable referees' reports.

*(This policy requires candidate to have two (2) favourable referees' reports prior to the interview by Department Postgraduate Committee (DPGC) in which these report will be fill up by the consultant who they work with at least for more than four (4) months).*

# ACADEMIC STAFF



**ASST. PROF. DR. AIDILA  
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Head of Department  
Consultant Vitreo-Retinal



**ASSOC. PROF. DATO' DR.  
KHAIRIDZAN MOHD KAMAL**  
Consultant Cornea, External  
Eye Disease & Refractive  
Surgery



**ASST. PROF. DR. ADZURA  
SALAM**  
Consultant Medical Retina  
Specialist



**ASST. PROF. DR. AHMAD  
NURFAHMI AKHTAR ALI**  
Consultant Ophthalmologist



**ASST. PROF. DR. ZUHILMI  
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**ASST. PROF. DR. AZUWAN  
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Optometrist

# NON-ACADEMIC STAFF



**DR. HELIZA ABDUL HALIM**  
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**DR. FADZILAH MAT ALI @  
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Medical Officer



**AZURA MOHAMED YUNUS**  
Science Officer



**NUR AZYYATI BOHARY**  
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**NORSAZIRA YAHAYA**  
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**WAN MAZLINDA WAN DAUD**  
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**AFIQAH NUR MAZIAH OTHMAN**  
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**AWATIF MOHD TOHIR**  
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**NOR ZILAWATI YUSOF**  
Nurse



**NURULHIDAYU MOHAMED  
NORDIN**  
Nurse



**NUR AQILAH MD NOH**  
Nurse



**NORHAFIZAH MOHAMAD  
NORDIN**  
Nurse



**NURUL SUHAIRAH SAMURI**  
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**MUAZ MAHMUD**  
Medical Health Assistant



**NUR INTAN FARAHHANA  
ZULKEFLI**  
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**MOHD HAZEEM ASZRAF  
ZULKIFLI**  
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**NUR IFRAH ABD GHANI**  
Part Time Administrative



# CONTACT US

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