

## **Bachelor of Optometry (Honours)**

### **1. Program Summary**

Optometry is a field that involves the examination and management of vision problems and eye diseases to restore visual function and maintain healthy eye. Faculty of Health Science, Universiti Kebangsaan Malaysia offers an accredited and professional degree in Optometry. The first two and half years focus on basic courses in health and vision sciences, diseases, visual optics and procedures in clinical optometry. The students' learning will shift from theory to clinical application in the remaining one and half years. Clinical postings include primary care clinic, contact lens clinic and specialty clinic such as binocular vision, paediatric vision and low vision. Students will do clinical posting rotations at the faculty's optometry clinic, government and private hospitals. They will also have the opportunity to do industrial training locally or abroad. This course prepares students to work in diverse optometry settings such as hospital, private practice, optical industry and contact lens industry.

### **2. Life at the Faculty**

Faculty of Health Science is located in the heart of Kuala Lumpur city and there are various educational, cultural and recreational facilities nearby that can be utilised. Students have the opportunity to interact with others on campus and engage in various social activities, sports and community services. Various facilities including the library, cafeterias and student lounges are available for the students to study, to have discussion sessions with their peers or to have a break in between lectures. Student accommodation is located near Taman Tasik Tititwangsa an urban recreational park spreading across an area of 95 hectares with 57 hectares of lake. Students will able relax or exercise at the park if they require a change of scenery. The program also has a tight-knit relationship with the alumni and industrial stakeholders to help mould the students to become a professional in their career pathway. Students also have the opportunity to interact with the industry players in optometry through events and seminars organised by students' optometry club or members of Optometry program.

### **3. Program information**

Faculty: Faculty of Health Sciences

Campus: Jalan Raja Muda Abdul Aziz, Kuala Lumpur

Degree: Bachelor of Optometry (Honours)

Length of study: 4 years

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### **4. Why this program?**

- Program of Optometry and Vision Science in Faculty of Health Sciences, UKM was established in 1981.
- The opportunity to learn from experienced lecturer in the field of optometry and health science.
- Engagement with alumni of Optometry UKM who hold various key positions in public and private sectors.
- High rate of employability upon graduation.

5. **What you will learn** \*List all the subject for each year of study

**Year 1: Semester I**

Course Code	Course Title	Course Level	Credit
NNPD1013	FISIOLOGI MANUSIA	WJ	3
NNPD1032	ANATOMI MANUSIA	WJ	2
NNNV1053	OPTIK UNTUK OPTOMETRI	WJ	3
NNNV1033	BIOKIMIA PERUBATAN	WJ	3
LMCR1052	Pembangunan Diri I	C1	2
LMCR***1	Kursus Citra Luar Fakulti	C3	1
<b>Total</b>			<b>14</b>

**Year 1: Semester II**

Course Code	Course Title	Course Level	Credit
NNPD1022	SAINS TINGKAHLAKU	WJ/C1	2
NNNV1242	MIKROBIOLOGI & IMMUNOLOGI	WJ	2
NNNV1243	OPTIK PENGLIHATAN	WJ	3
NNNV1263	ANATOMI & FISIOLOGI OKULAR	WJ	3
NNNX2**2	ELEKTIF BEBAS	PB	2
LMCE1062 /	Academic Interactions (MUET Band 3) /	WF	2
LMCE1072 /	Academic Literacy (MUET Band 4) /		
LMCE1082	Page To Stage (MUET Band 5 & 6)		
LMCR1062	Pembangunan Diri II	C4	2
LMCW1022	Asas Keusahawanan dan Inovasi	CW	2
<b>Total</b>			<b>18</b>

**Year 2: Semester I**

Course Code	Course Title	Course Level	Credit
NNNV2292	PATOLOGI ASAS	WJ	2
NNNV2412	KANTA OFTALMIK I	WJ	2
NNNV2433	KAEDAH KLINIK PRIMER I	WJ	3
NNNV2452	KAEDAH KLINIK PRIMER II	WJ	2
NNNV2672	OPTIK INSTRUMENTASI	WJ	2
LMCW2163	Tamadun Islam dan Tamadun Asia	CW	3
<b>Total</b>			<b>14</b>

**Year 2: Semester II**

Course Code	Course Title	Course Level	Credit
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NNNV2422	KANTA OFTALMIK II	WJ	2
NNNV2463	PERSEPSI PENGLIHATAN	WJ	3
NNNV2483	FARMAKOLOGI AM	WJ	3
NNNV2623	KAEDAH KLINIK PRIMER III	WJ	3
NNNV2642	KAEDAH KLINIK PRIMER IV	WJ	2
NNNV2662	PENGLIHATAN BINOKULAR	WJ	2
NNCC2022	KEMAHIRAN PROFESIONAL DAN INTERPERSONAL	P	2
LMCE2082 /	Pro Talk English (MUET Band 3) /	WF	2
LMCE2092 /	Speak To Persuade (MUET Band 4) /		
LMCE2103	Advanced Communication Project (MUET Band 5 & 6)		3
LMCW2022	Pengurusan & Analitik Data	CW	2
LMCW2173	Hubungan Etnik	CW	3
<b>Total</b>			<b>24 / 25</b>

### Year 3: Semester I

Course Code	Course Title	Course Level	Credit
NNPD3013	BIOSTATISTIK	WJ/C3	3
NNNV3232	FARMAKOLOGI OKULAR	WJ	2
NNNV3252	GANGGUAN BINOKULAR	WJ	2
NNNV3432	PENYAKIT OKULAR	WJ	2
NNNV3452	KAEDAH KLINIK PRIMER V	WJ	2
NNNV3472	KAEDAH KLINIK PRIMER VI	WJ	2
NNNV3612	KANTA SENTUH I	WJ	2
NNNV3812	DISPENSING OFTALMIK	WJ	2
LMCE3061 /	Corporate Storytelling (MUET Band 3) /	WF	1
LMCE3071	Professional Communication (MUET Band 4)		
<b>Total</b>			<b>18</b>

### Year 3: Semester II

Course Code	Course Title	Course Level	Credit
NNPD3223	KAEDAH PENYELIDIKAN	WJ	3
NNNV3282	KLINIK KHAS I	WJ/C1	2
NNNV3412	LATIHAN AMALI OPTOMETRI	WJ	2
NNNV3283	KLINIK OPTOMETRI PRIMER I	WJ	3
NNNV3622	KANTA SENTUH II	WJ	2
NNNV3822	PENGLIHATAN TERHAD	WJ	2
NNNV3842	OPTOMETRI SEKITARAN	WJ	2
NNNV3863	OPTOMETRI PEDIATRIK & STRABISMUS	WJ	3
<b>Total</b>			<b>19</b>

### Year 4: Semester I

Course Code	Course Title	Course Level	Credit
NNNV4014	KLINIK OPTOMETRI PRIMER II	WJ/C2	4

NNNV4032	DIAGNOSIS & RAWATAN REFRAKTIF	WJ/C6	2
NNNV4052	PENGURUSAN PRAKTIS OPTOMETRI	WJ/C4	2
NNNV4053	PROJEK PENYELIDIKAN I	WJ/C2	3
NNNV4213	KLINIK KANTA SENTUH I	WJ	3
NNNV4233	KLINIK KHAS II	WJ/C1	3
<b>Total</b>			<b>17</b>

#### Tahun 4: Semester II

Course Code	Course Title	Course Level	Credit
NNNV4024	KLINIK OPTOMETRI PRIMER III	WJ/C2	4
NNNV4063	PROJEK PENYELIDIKAN II	WJ/C3	3
NNNV4223	KLINIK KANTA SENTUH II	WJ	3
NNNV4262	DIAGNOSIS DIFFERENSIAL OPTOMETRI	WJ/C6	2
NNNV4463	KLINIK KHAS III	WJ/C5	3
CMIE2013	USAHANIAGA ASAS I	P	3
<b>Total</b>			<b>18</b>

#### 6. Program requirements

##### i. STPM/equivalent entry requirement

Obtained at least **Grade B- (CGPA 2.67)** at **STPM / KPM Matriculation / Foundation** level in the following subject:

- Biology
- Physic
- Mathematic / Additional Mathematics

or

- Biology
- Chemistry
- Mathematic / Additional Mathematics; **and**
- Obtained at least **Grade B / Grade 4B** at **SPM** level in the following subject:
- Fizik

**and**

Obtained at least **Level 3 (Band 3)** in **Malaysian University English Test (MUET)**;

**and**

Pass the test and / or interview set by Faculty.

##### ii. Diploma/equivalent entry requirement

Possess a Diploma in Sciences / Health Sciences or an equivalent Diploma from an Educational Institution recognized by the University and Government of Malaysia or the College of the Ministry of Health Malaysia (MOH) and obtain a minimum **CGPA of 3.50**;

and

Candidate are required to submit academic transcripts from Semester one (1) until final Semester;

and

Obtained at least **Level 3 (Band 3) in Malaysian University English Test (MUET)**;

and

Pass the test and / or interview set by Faculty.

or

**Candidates for STPM / KPM Matriculation / Foundation (NOT CURRENT YEAR) / A-Level**

Obtained at least **Grade B- (CGPA 2.67)** at **STPM / KPM Matriculation / Foundation** level in the following subject:

- Biology
- Physic
- Mathematic / Additional Mathematics

or

- Biology
- Chemistry
- Mathematic / Additional Mathematics; **and**
- Obtained at least **Grade B / Grade 4B** at **SPM** level in the following subject:
- Fizik

and

Obtained at least **Level 3 (Band 3) in Malaysian University English Test (MUET)**;

and

Pass the test and / or interview set by Faculty.

**iii. International Entry Requirement**

Entry requirement for international students can be obtained from the following website:

<http://www.ukm.my/pkp/ukm-international-programme/>

and

Pass the test and / or interview set by Faculty.