

Bachelor of Environmental Health (Honours)

1. Program Summary

The Bachelor of Environmental Health (Honours) in UKM is a holistic program that covers the fields of Environmental Health and Occupational Safety & Health (OSH). The program complies with, and is gazetted under the Malaysian Allied Health Profession Act (2016). The environmental health portion of the course deals with issues regarding environmental quality (air, water, soil, noise), infectious disease control, food safety and environmental & health risk assessments. The OSH portion of the course, on the other hands, deals with the management of safety and health in the workplace, including occupational health risks. By studying this program, students will master the tools needed in managing and improving the community's health and safety through the improvement of the environmental quality and safe workplace condition. The program has strong linkages with government entities (e.g. Ministry of Health), external organization (e.g. Malaysian One Health University Network/MYOHUN) and the industries. The students from this program are prepped to work either in the public health facilities as an Environmental Health Officers (EHO) or in an industrial setting as a Safety & Health Officers (SHO).

2. Life at the Faculty

At the program, students will be assigned with a designated mentor among the academic staff member to help in advising the students in their academic journey, including their well-being during their study. 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. 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 Environmental & Occupational Health career pathway. The students are also encouraged to be involved in societies, both externally (Malaysian Association of Environmental Health (MAEH) & Malaysian Industrial Hygienist Association (MIHA)) and internally (The Environmental Health Student Club & MIHA UKMKL Student Chapter). Since the campus is situated within the Kuala Lumpur city centre, the students will also be exposed to the vibrant city life and experiences. 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.

3. Program information

Faculty: Faculty of Health Sciences

Campus: Jalan Raja Muda Abdul Aziz, Kuala Lumpur

Degree: Bachelor of Environmental Health (Honours)

Length of study: 4 years

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4. Why this program **Advantages- subjects, employability etc*

- This program complies with and is gazetted under the Malaysian Allied Health Profession Act 2016.
- All faculty members are renowned experts in their respective Environmental Health and Occupational Safety and Health field.

- The Program has established networking with agencies, NGOs and prominent industries in Environmental Health and Occupational Safety and Health field.
- Students will experience a multi-approach learning method that includes class-based lectures, webinars, field-based trainings, laboratory-based practicals and industrial placements for both Environmental Health and Occupational Safety and Health field.
- Participate in various Student Advancement Workshops / Seminars conducted in collaboration with experts from the industries.
- Join the Environmental Health Student Club and the MIHA UKM KL Student Chapter to enhance networking and career development opportunities.

1. 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	HUMAN PHYSIOLOGY	WJ	3
NNPD1032	HUMAN ANATOMY	WJ	2
NNNE1053	ENVIRONMENTAL MICROBIOLOGY	WJ/C3	3
NNNE1073	BASIC BIOCHEMISTRY AND METABOLISME	WJ	3
NNNE1092	BASIC ENVIRONMENTAL CHEMISTRY	WJ	2
LMCR1052	SELF DEVELOPMENT 1	C1	2
LMCR***1	<i>Kursus Citra Luar Fakulti</i>	CR	1
Total			16

Year 1: Semester II

Course Code	Course Title	Course Level	Credit
NNPD1022	BEHAVIOURAL SCIENCE	WJ/C1	2
NNNE1242	ENVIRONMENTAL SCIENCE	WJ	2
NNNE1083	ENVIRONMENTAL HEALTH PRINCIPLES	WJ	3
NNNE1222	ADVANCED ENVIRONMENTAL CHEMISTRY	WJ	2
NNNE1122 /	ENVIRONMENTAL PHYSICS* /	P	4
NNNE1142 /	NOISE, HEAT AND LIGHT POLLUTION* /		
NNNE1162	LABORATORY MANAGEMENT AND SAFETY *		
LMCE1062 /	ACADEMIC INTERACTIONS (MUET BAND 3) /	WF	2
LMCE1072 /	ACADEMIC LITERACY (MUET BAND 4) /		
LMCE1082	PAGE TO STAGE (MUET BAND 5 & 6)		
LMCR1062	SELF DEVELOPMENT 1	C4	2
LMCW1022	BASIC ENTREPRENEURSHIP AND INNOVATION	CW	2
Total			19

Choose: Two Elective Courses (4 unit) *

Year 2: Semester I

Course Code	Course Title	Course Level	Credit
NNNE2074	PUBLIC HEALTH & EPIDEMIOLOGY	WJ/C5	4
NNNE2093	MEDICAL PARASITOLOGY	WJ	3
NNNE2233	BASIC TOXICOLOGY	WJ	3

NNNE2072	BASIC PATHOLOGY	WJ	2
NNNE2112 /	ENVIRONMENTAL HEALTH EDUCATION* /	P	2
NNNE2132	POLLUTION AND HEALTH*		
LMCW2183	MALAY COMMUNICATION	CW	3
Total			17

Choose: One Elective Courses (2 unit) *

Year 2: Semester II

Course Code	Course Title	Course Level	Credit
NNNE2024	ENVIRONMENTAL SAMPLING & ANALYSIS	WJ/C6	4
NNNE2483	OCCUPATIONAL SAFETY AND HEALTH	WJ	3
NNNE2423	AIR QUALITY	WJ	3
NNNE2443	MEDICAL ENTOMOLOGY	WJ	3
NNNE2463	WATER QUALITY	WJ	3
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
LMCW2193	MALAY COMUNICATION	CW	3
LMCW2022	DATA MANAGEMENT AND ANALYTICS	CW	2
Total			23 / 24

Year 3: Semester I

Course Code	Course Title	Course Level	Credit
NNPD3013	BIOSTATISTICS	WJ/C3	3
NNNE3013	OCCUPATIONAL AND ENVIRONMENTAL DISEASES	WJ	3
NNNE3014	FOOD QUALITY AND SAFETY	WJ	4
NNNE3232	ERGONOMIC	WJ/C4	2
NNNE3213	INDUSTRIAL AND ENVIRONMENTAL TOXICOLOGY	WJ	3
NNNE3112 /	EMERGING INFECTIOUS DISEASES* /	P	2
NNNE3132	ENVIRONMENTAL MANAGEMENT*		
XXXX__2	FREE ELECTIVE*	P	2
LMCE3061 /	CORPORATE STORYTELLING (MUET BAND 3) /	WF	1
LMCE3071	PROFESSIONAL COMMUNICATION (MUET BAND 4)		
Total			20

Choose: Two Elective Courses or Elective offered by other Program (4 unit) *

Year 3: Semester II

Course Code	Course Title	Course Level	Credit
NNPD3223	RESEARCH METHODOLOGY	WJ	3
NNNE3064	ENVIRONMENTAL HEALTH RESEARCH I	WJ	4
NNNE3263	INDUSTRIAL HYGIENE	WJ	3
NNNE3283	ENVIRONMENTAL HEALTH LAW AND PROSECUTION PROCEDURES	WJ	3

NNNE3122 /	OCCUPATIONAL SAFETY AND HEALTH MANAGEMENT SYSTEM* /	P	4
NNNE3142 /	BASIC ENVIRONMENTAL ECONOMICS* /		
NNNE3162	OCCUPATIONAL SAFETY AND HEALTH LAW*		
Total			17

Choose: Two Elective Courses (4 unit) *

Year 4: Semester I

Course Code	Course Title	Course Level	Credit
NNNE4034	HAZARDOUS SUBSTANCE AND SOLID WASTE MANAGEMENT	WJ	4
NNNE4054	ENVIRONMENTAL HEALTH RESEARCH II	WJ/C2	4
NNNE4073	HEALTH RISK ASSESSMENT	WJ/C2	3
NNNE4112 /	ENVIRONMENTAL IMPACT ASSESSMENT* /	P	2
NNNE4132	ECOTOXICOLOGY*		
NNNE4152 /	ENVIRONMENTAL HEALTH ACADEMIC WRITING* /	P	2
NNNE4172	ENVIRONMENTAL HEALTH SCIENTIFIC COMMUNICATION*		
Total			15

Choose: Two Elective Courses (4 unit) *

Year 4: Semester II

Course Code	Course Title	Course Level	Credit
NNNE404C	INTERNSHIP PLACEMENT	WJ	12
Total			12