BACHELOR OF SCIENCE
HEALTH, SAFETY AND ENVIRONMENT

Specialise in identifying and managing workplace risks to ensure a safe and healthy work environment.

This course prepares you for a diverse career in the expanding area of occupational health and safety. You will learn how to create, maintain and manage a safe and healthy workplace, and develop professional skills in critical thinking, information literacy and technology.

Your first year is interprofessional and taken with other health sciences students.

In your second and third years you’ll learn how to identify and manage risks and hazards, participate effectively in decision-making processes and improve health and safety to prevent injuries and illness in the workplace.

You will complete a 100-hour placement in your second year and a 150-hour placement in your third year.

COURSE ESSENTIALS

ENTRY REQUIREMENTS

- GCE A-Levels/STPM (best of 3) - 5
- UEC (best of 5 subjects) - 15
- ATAR (incl. WACE/SACE/HSC/VCE) - 70
- IB - 24
- Ontario Gr 12 (best of 6) 6 CPU - 60
- HKDSE - 15
- WAJFF (CPS) - 53
- India - 65%
- Sri Lanka - 5
- IELTS: Overall 6.5 (no individual band below 6.0)
- TOEFL (IBT): 79 (band minimum W-21, L-13, R-13, S-18)
- SPM 1119 English: C
- GCE 'A' Level: E
- GCE 'O' Level: C
- MUET: Band 5 and no less than 200 in aggregate score

DURATION

3 years full-time

MOHE COURSE CODE

3PT/BPP
N/862/6/0080
11/24

PREREQUISITES

Mathematics. Calculus is desirable.

LOCATION

Curtin Malaysia

PROFESSIONAL RECOGNITION

- Malaysian Qualifications Agency (MQA)
- Australian Occupational Health and Safety Education Accreditation Board (Safety Institute of Australia)
- Institute of Occupational Safety and Health (UK)

INTAKE

Feb, Jul
Why Study

- Prepares you for employment in a rapidly expanding area.
- Excellent employment opportunities.
- Strong industry links.
- Workplace and off-site field trips.
- Strong science base.
- Develops your professional skills in critical thinking, information literacy and competency with technology.

Career Opportunities

- Environmental Health and Safety Specialist
- Corporate Health and Safety Director
- Food Safety Inspector
- Health and Safety Engineer
- Web application developer
- OSHA Inspector

Course Structure

YEAR 1 SEMESTER 1
- Foundations for Professional Health Practice
- Introduction to Health, Safety and Environment
- Linear Algebra 1
- Foundations of Biostatistics and Epidemiology

YEAR 1 SEMESTER 2
- Introduction to Chemistry
- Human Structure and Function
- Indigenous Cultures and Health Behaviours
- Introduction to Microbiology and Biohazards

YEAR 2 SEMESTER 1
- Workplace Human Factors
- Introduction to Psychology
- Employment and Environment Law
- Promoting Mental Health and Social Inclusion

YEAR 2 SEMESTER 2
- Risk Assessment and Risk Management
- Epidemiology - From Principles to Practice
- Occupational Hygiene
- Health Safety and Environment Professional Practice

YEAR 3 SEMESTER 1
- Environmental Systems Management
- Applied Research and Biostatistics
- Injury Management and Workers Compensation
- Health and Safety Technology

YEAR 3 SEMESTER 2
- Toxicology and Diseases
- Emergency Management and Incident Investigation
- Health and Safety Management
- Health and Safety Professional Practice

Career Opportunities

- Environmental Health and Safety Specialist
- Corporate Health and Safety Director
- Food Safety Inspector
- Health and Safety Engineer
- Web application developer
- OSHA Inspector

Disclaimer and copyright information

Information in this publication is correct at the time of printing and valid for 2020, but may be subject to change. In particular, the University reserves the right to change the content and/or method of assessment, to change or alter tuition fees or any unit of study, to withdraw any unit of study or programme that it offers, to impose limitations on enrolment in any unit or programme, and/or to vary arrangements for any unit of study programme, including switching from face-to-face to online teaching. This material does not consist of legal or professional advice. Curtin Malaysia accepts no responsibility for and makes no representations, whether expressed or implied, as to the accuracy or reliability in any respect of any material in this publication. Except to the extent mandated otherwise by legislation, Curtin Malaysia does not accept responsibility for the consequences of any reliance which may be placed on this material by any person. Curtin Malaysia will not be liable to you or any other person for any loss or damage (including direct, consequential or economic loss or damage) however caused and whether by negligence or otherwise that may result directly or indirectly from the use of this publication.

For important updates to the information in this publication, please visit curtin.edu.my

Published by Curtin University, Malaysia 2019
CRICOS Provider Code 00301J
Curtin University, Malaysia is owned and managed by Curtin (Malaysia) Sdn. Bhd. (644213-M)
Ministry of Education Registration Number KPT/JPT/DFT/US/Y02 DUL N003(Q)
MAPCU Membership No. C/038

CONTACT US:
Curtin University, Malaysia
CDT 250, 98009 Miri,
Sarawak, Malaysia
Tel : +60 85 630 100 (General Line)
 +60 85 630 000 (Student enquiries)
Fax : +60 85 630 088
Email : enquiries@curtin.edu.my

All courses at Curtin Malaysia are recognised by the Malaysian Ministry of Higher Education through the Malaysian Qualifications Agency. Curtin Malaysia is one of eight institutions granted self-accreditation status by the MQA.