

Master of Environmental Science

STUDENT HANDBOOK

Academic Session 2025/2026



School of Industrial Technology
Universiti Sains Malaysia

indtech.usm.my

**Student Handbook
Master of Environmental Science
Academic Calendar 2025/2026**

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Online copy of the Student Handbook

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1.0 Background

1.1 History

1973

The establishment of the School of Applied Sciences, offering the Bachelor of Applied Science programmes in Electronic Science and Technology, Food Science and Technology, and Polymer Science and Technology.

1984

The name of the School was changed to the School of Engineering Sciences and Industrial Technology. Hence, the curricula were amended to Bachelor of Engineering (B. Eng) and Bachelor of Technology (B. Tech) to meet the requirement of engineering and industrial technology courses.

1986

The School was split into:

- School of Electrical and Electronic Engineering
- School of Materials and Mineral Resources Engineering
- School of Industrial Technology

School of Industrial Technology offered Bachelor of Technology programmes in Food Technology, Polymer Science and Technology, Quality Control & Instrumentation, and Wood, Paper and Coatings Technology.

1999

Environmental Technology programme was introduced by School of Industrial Technology.

2001

Polymer Technology and Quality Control & Instrumentation programmes were upgraded into:

- Polymer Engineering programme
- Mechatronic Engineering programme

2002

Wood, Paper and Coatings Technology programme was renamed Bioresource, Paper and Coatings Technology programme.

2008

Bioprocess Technology programme was introduced by School of Industrial Technology.

2018

Master of Science (Environmental Science) programme was introduced by School of Industrial Technology.

2020

Bioresource, Paper and Coatings Technology programme was renamed Bioresource Technology programme.

2022

Bioprocess Technology programme was changed to Bioprocess Engineering Technology programme.

2025

Master in Bioprocess Technology programme was introduced by School of Industrial Technology.

1.2 The Vision and Mission: Universiti Sains Malaysia

The Vision

Transforming Higher Education for a Sustainable Tomorrow

The Mission

USM is a pioneering, transdisciplinary research intensive university that empowers future talents and enables the bottom billions to transform their socio-economic well-being

1.3 The Vision and Mission: School of Industrial Technology

The Vision

World class centre in technological innovation for a sustainable tomorrow

The Mission

1. To be the prime education provider of technologists who are competent, capable of independent thinking, possess communication and analytical skills, and able to fulfil the needs in various industries and socio-economic development.
2. To pursue cutting-edge research in the fields of Food Technology, Bioresource Technology, Environmental Technology, and Bioprocess Engineering Technology.
3. To contribute to the well-being of the community through sustainability-led dynamic transdisciplinary academic programmes, research innovation, teamwork, and continuous improvement.

1.4 Thrust Areas

1. Food Technology and Sustainability
2. Industrial Biotechnology and Sustainable Bioprocessing
3. Materials and Sustainability
4. Environmental Science and Sustainability

1.5 Principal Officers - School of Industrial Technology

DEAN



Assoc. Prof. Dr. Yusri Yusup

DEPUTY DEAN



Assoc. Prof. Dr. Uthumporn Utra @
Sapina Abdullah
(Academic, Career & International)



Assoc. Prof. Dr. Lee Chee Keong
(Research, Innovation & Industrial –
Community Engagement)

PROGRAMME CHAIRMAN



Dr. Maizura Murad
(Food Technology)



Ts. Dr. Azniwati Abd Aziz
(Bioresource Technology)



Assoc. Prof. Dr. Syahidah Akmal
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(Environmental Technology)



Ts. Dr. Siti Baidurah Yusoff
(Bioprocess Technology)

Deputy Registrar



Mdm. Nooraida
Mad Naser

Senior Assistant Registrar



Mdm. Khairun
Nisa Ismail

Senior Research Officer



Ts. Dr. Che Ku
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Che Ku Alam

Senior Science Officer



Mr. Jeffiz Ezuer
Shafii

Senior Science Officer



Mr. Mohd
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Master of Environmental Science (Coursework)

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Master of Environmental Science (Coursework)

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2.0 Academic System and General Information

2.1 General Information

The following general information is available on the Institute of Postgraduate Studies (USM) website: <https://ips.usm.my/index.php/download/candidature>.

1. Registration
2. Fees
3. Duration of Candidature
4. Renewal of Registration and Course(s) Registration
5. Malaysian Culture and Malay Language (LKM111)
6. Research Methodology for Research Mode Students
7. Pre-Requisite Course(s)
8. Add/Drop of Courses
9. Postponement of Studies
10. Conversion of Status
11. Conversion of Degree Level
12. Extension of Candidature
13. Withdrawal from Programme
14. Change of Mode of Study
15. Termination of Candidature
16. Reactivation of Candidature
17. Preparation, Submission and Examination of Thesis for Research Mode Students
18. Plagiarism
19. Graduation Requirements
20. Graduation-in-Council
21. Student Support Services
22. Student Card (ID)
23. Dress Code

2.2 School / Programme Requirements

2.2.1 General Entry Requirements

I. Bachelor's Degree

1. CGPA of at least 2.75/4.00; or
2. CGPA of 2.50 - 2.74/4.00 with; or
 - a. Research experience – 1 year; or
 - b. Professional experience in related field- 1 year; or
 - c. One (1) academic publication in related field; or
 - d. Grade B for major/ elective courses; or
 - e. Grade B+ for final year project.
3. CGPA of 2.00 - 2.49/4.00 (Honours degree) with;
 - a. Research experience - 5 years; or
 - b. Professional experience in related field - 5 years, AND
 - i. One (1) academic publication in related field; or
 - ii. Grade B for major/elective courses; or
 - iii. Grade B+ for final year project.

II. APEL A Certificate (APEL T-7)

<http://www2.mqa.gov.my/APEL/>

For non-CGPA qualifications, please refer to IPS for confirmation.

2.2.2 English Requirements

The minimum score for each programme can vary from the below list, candidates are required to check for each programme requirements.

- A minimum of Band 5 for IELTS; or
- A minimum score of 40 for TOEFL (Internet-based); or
- A minimum of Band 7.5 for TOEFL Essentials (Online); or
- A minimum score of 154 for Cambridge English: Advance (CAE)/Proficiency (CPE) /Preliminary (PET) /First (FCE)/ Linguaskill Online; or
- A minimum score of 47 for Pearson Test of English (PTE); or
- A minimum of Band 107 for CIEP Level (ELS); or
- A minimum of Band 3.5 for Malaysian University English Test (MUET).

Exemption can be considered to candidate if:

- English is the candidate's mother tongue or National Language; or
- Candidate graduated from an Institution of Higher Learning in which the medium of instruction at Bachelor and/or Master degree level is English (statement of proof required).

2.2.3 Graduation Requirements

A Coursework student must comply with the following graduation requirements.

1. Pass all courses and examination determined by the school;
2. Pass dissertation/research project;
3. Obtain at least a CGPA of 3.00;
4. Fulfill the minimum duration of candidature;
5. Must obtain minimum grade C for Malaysian Culture and Malay Language (LKM111). This course is compulsory for all international students.

3.0 Academic Programme

3.1 Programme Overview

This programme, which is spread between 1 to 2 years for full-time students and 2 to 4 years for part-time students, is gaining popularity and its importance require no introduction since environmental problems are reported and discussed every day globally. This programme is designed to enable our graduates to become thinkers, leaders, and innovators that will respond to various environmental challenges in driving any sector of industries towards environmental sustainability. The programme combines the aspect of natural and social sciences within a technology-based interdisciplinary framework, providing a foundation for candidates to appreciate the interconnectedness of air, water, and soil processes.

Classes for this master programme are held on weekends. Registration is open twice a year. You can register in either the first or the second semester.

To graduate, you would need to complete 40-unit courses, which cover:

- Core courses: 27 units
- Elective courses: 13 units

A typical programme consists of two semesters. Each semester would be 18 weeks or four months long.

TYPE OF STUDY	MINIMUM	MAXIMUM
Full-Time	2 semesters	4 semesters
Part-Time	4 semesters	8 semesters

3.2 Programme Educational Objectives (PEO)

Master of Environmental Science by coursework programme is designed to produce graduates who meet the following five (5) objectives:

PEO	EDUCATIONAL OBJECTIVES
PEO1	Produce graduates who are competent, creative, innovative and have mastery of knowledge in the field of Environmental Science.
PEO2	Produce graduates who can communicate and have the competence to work in interdisciplinary teams professionally in the field of Environmental Science.
PEO3	Produce graduates who have significant autonomy, independence, leadership, and interpersonal skills in planning, resource management, and problem solving in the field of Environmental Science.
PEO4	Produce graduates who can contribute to the well-being of society and environmental sustainability.
PEO5	Produce graduates who have entrepreneurial skills and can be examples of self-improvement through continuous academic or professional development.

3.3 Programme Learning Outcomes (PLO)

Master of Environmental Science by coursework programme consists of eleven (11) PLO statements as follows :

PLO	LEARNING OUTCOMES
PLO1	Mastering knowledge in the field of specialization in environmental science holistically.
PLO2	Integrate knowledge in solving science, technology and environmental sustainability issues in a transdisciplinary manner based on critical, creative and innovative thinking.
PLO3	Demonstrate comprehensive technical skills related to the complexity of science, technology and environmental sustainability issues.
PLO4	Display a responsible attitude and master social skills in contributing to the well-being of society.
PLO5	Articulating knowledge effectively to experts and non-experts.
PLO6	Demonstrates basic digital skills for career development.
PLO7	Demonstrate numeracy skills in all aspects of life.
PLO8	Demonstrate leadership and skills to develop and implement sustainable strategies and plans scientifically and critically.
PLO9	Managing information in lifelong learning.
PLO10	Apply knowledge of science, technology and environmental sustainability for career development.
PLO11	Make assessments based on science, technology, law and management for environmental sustainability in a professional and ethical manner.

3.4 Course Synopsis and Course Learning Outcomes (CLO)

No.	INFORMATION
1	<p>IEA501/3 Atmospheric Science and Air Quality</p> <p>This course discusses the relationship between physical processes of the atmosphere and air quality. The student will be taught the structure, composition, atmospheric boundary layer, and energy balance of the atmosphere and how to apply this knowledge to model the dispersion of air pollutants using AERSCREEN and AERMOD models. A brief introduction to the state-of-the-science weather forecasting model, such as WRF (model Weather Research Forecasting), would also be discussed.</p> <p>CLO1: Able to predict processes of the atmosphere using laws of physics.</p> <p>CLO2: Able to combine the results of an air pollution model study.</p> <p>CLO3: Able to defend the review paper via an oral presentation.</p> <p>CLO4: Able to synthesize atmospheric science literature in the form of a review paper.</p>
2	<p>IEA504/4 Ecosystem Services</p> <p>This course focuses on the concept of ecosystem services by exploring the ways in which ecosystem services can be valued, measured and monetized/unmonetized by society, across the spectrum of 4 main aspects; provisioning services, regulating services, supporting services and cultural services. Both theoretical and practical applications of ecosystem services and valuation are explored through case studies. Strategies for effective group work will be explored and the students will be able to reflect on their own participation and their role within the learning group. This course includes guest lectures, video and film shows, student seminars and a group project related to a selected community and its ecosystem services and issues and ways to solve them in a transdisciplinary approach.</p> <p>CLO1: Able to evaluate the ecosystem services concepts and human well-being.</p> <p>CLO2: Able to integrate assessment of ecosystem services and sustainability based on the social, economic and environmental aspects using community or industry case studies.</p> <p>CLO3: Able to display the ability to plan, carry out tasks and disseminate the task given by proposing an entrepreneurial paper.</p> <p>CLO4: Able to identify the ability to take on different roles between project leader and team members in executing tasks given.</p>
3	<p>IEA505/8 Research Project</p> <p>This course provides opportunities to students to conduct research related to environmental issues and ways to address these issues via instrumentation techniques, modelling, management or legislation. These components will be assessed through publication ready manuscript and viva voce.</p> <p>CLO1: Able to manipulate tools, measure change responses and synthesize experimental data.</p> <p>CLO2: Able to plan studies to solve problems in the field of environmental science alternatively or with new ideas</p> <p>CLO3: Able to present the results of research clearly and confidently.</p> <p>CLO4: Able to organize research projects ethically</p> <p>CLO5: Able to organize the findings of literature review and research in the form of publications</p>

No.	INFORMATION
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4	<p>IEA506/4 Environmental Scientific Writing</p> <p>This course trains the students on the methods of environmental scientific writing and communication. These topics will be assessed through project paper, media review, and presentation.</p> <p>CLO1: Able to explore literature review critically.</p> <p>CLO2: Able to linking all parts/sections of a manuscript to produce a logical and clear manuscript.</p> <p>CLO3: Able to evaluate project paper and media review.</p>
5	<p>IEA514/3 Applied Environmental Forensics</p> <p>This course will provide basic knowledge in environmental forensics by emphasising the use of the latest methods which are suitable to solve key environmental pollution questions. These methods include chemical and DNA fingerprinting techniques. Chemical fingerprinting techniques to be discussed are mass spectrometry, trace metal analysis and stable isotopes analysis of light elements whereas the DNA fingerprinting technique covers methods of DNA extraction and detection of toxin encoding gene. Students will be exposed to a variety of scenarios and problems related to environmental pollution and will be tested to propose appropriate techniques to find the source of the problems. Students will also gain exposure to the process of investigation in the field from a legal perspective. In addition, the students will be taught on how to use multivariate statistical methods in order to recognise patterns of data and thus obtaining the best information and interpretation from the analyses carried out. At the end of this course, students will know how to organise information and data from various sources in order to find the source of environmental pollutions using critical and logical thinking .</p> <p>CLO1: Able to generate field and laboratory investigations through measurements which has an acceptable precision range.</p> <p>CLO2: Able to organize information and data from different sources to establish and identify origin and history of environmental pollution.</p> <p>CLO3: Able to combine the appropriate methods to conduct the forensic investigation of the environment up to the legislative level.</p> <p>CLO4: Able to Compare suitable statistical methods for analyzing large data sets along with measurements of uncertainty involved.</p>
6	<p>IEA515/3 Environmental Microbiology</p> <p>This course provides a general introduction to the diverse roles of microorganisms in natural and artificial environments. It will cover topics including: cellular architecture, energetics and growth; evolution and gene flow; population and community dynamics; water and soil microbiology; biogeochemical cycling; and microorganisms in bio-deterioration and bioremediation.</p> <p>CLO1: Able to explain the basic concepts of environmental microbiology.</p> <p>CLO2: Able to calibrate the composition and number of microorganisms in the environment .</p> <p>CLO3: Able to relate the composition of microorganisms to the processes of biodeterioration, bioremediation and biodegradation.</p> <p>CLO4: Able to defend the results of the assignment clearly with full confidence.</p>

No. INFORMATION**7 IEA517/3 Environmental Law, Monitoring and Enforcement**

This course provides a general introduction covering environmental regulations and their implementation by government agencies. The course can be an effective and efficient method for students to master various types of problems in environment in relation to regulation, monitoring, and enforcement.

- CLO1:** Able to apply terms, definitions, concepts and principles in environmental legislation, monitoring and enforcement.
- CLO2:** Able to organize information from various resources for environmental legislation, monitoring and enforcement.
- CLO3:** Able to defend coursework outputs clearly and with confidence during legislation-based presentation session.
- CLO4:** Able to relate case-study with environmental legislation professionally and ethically.

8 IEA518/3 Environmental Sampling Techniques

This course introduces basic knowledge related to environmental sampling and analysis of air, water, and soil. Students will be exposed to practical, quality control, and data management and analysis.

- CLO1:** Able to combine the sampling and environmental analysis methods to assess the level of pollution in the environmental ecosystem.
- CLO2:** Able to identify environmental pollution indicators through practical training and make decisions based on solid evidence.
- CLO3:** Able to organize information and data from different sources to translate environmental pollution problems through presentations.

9 IEA519/3 Environmental Issues

This course intends to provide students with basic scientific understanding of environmental issues and the ability to critically assess issues in the mass media. Case studies and mass media will be used to illustrate various environmental issues.

- CLO1:** Able to explain environmental issues in economic, social and environmental aspects.
- CLO2:** Able to formulate the latest environmental issues through writing.
- CLO3:** Able to defend the argument critically and logically on environmental issues by presentation.

10 IEG502/3 Aquatic Ecotoxicology

This course provides students with essential knowledge in the field of aquatic ecotoxicology that includes basic classification of chemical pollutions, sources and issues related to aquatic ecosystems. Students will be exposed to the understanding of the fate and behaviour of chemical pollutants in the aquatic environment, emerging pollutants and the effects on organisms and populations. The standard methods of chemical toxicity assessment, monitoring, assessment of environmental risks, and legislation will also be introduced to give added value to the students' competency.

- CLO1:** Able to explain important terms, definitions and concepts in the subject of aquatic ecotoxicology and its relation to environmental problems and sustainability.
- CLO2:** Able to describe the sources of pollution, the latest technology of treatment systems and the response of the aquatic environment.
- CLO3:** Able to defend the argument critically and logically on environmental issues by presentation.
- CLO4:** Able to discriminate a state of pollution and associate it with toxicity and risk to the aquatic environment

No. INFORMATION**11 IEG503/3 Hydrogeology and Watershed Management**

This course aims at combining hydrogeology fundamentals and watershed management for a comprehensive understanding of geo-scientific fundamentals with a specific focus on issues that are essential in hydrogeology and environmental management. This course focuses on watershed management and planning as one of the sustainability components in sustainable development. In addition, this course will discuss local and international related watershed management regulations, laws, standards, and guidelines .

- CLO1:** Able to apply terms and parameters of water quality and its relation to environmental impact study.
- CLO2:** Able to organize various methods and strategies by thinking beyond watershed management.
- CLO3:** Able to organise data and information from multiple sources for watershed management studies.

12 IEG513/4 Environmental Disaster Management

This course provides management theory which includes environmental disaster and emergency measures involving preparation, prevention, recovery, and emergency response. Students will also be exposed to the concept of risk assessment and vulnerability analysis.

- CLO1:** Able to apply key terms, definitions and concepts in environmental disaster management.
- CLO2:** Able to organize information from various resources for environmental disaster management.
- CLO3:** Able to defend coursework outputs clearly and with confidence during presentation session.
- CLO4:** Able to relate factors in environmental disaster management professionally and ethically.

13 IEK516/3 Sustainable Energy Resources

The course provides the students with an overview of the most significant renewable and sustainable energy resources, basic terms, concepts, technologies, state of the art, and challenges to overcome carbon dioxide emissions and climate change issues as well as other sustainable development goals. It also provides the students with an insight into the possible solutions to sustainable energy usage and efficiency management practices. Students will be able to understand the renewable and sustainable energy resources, energy conversion technologies, efficiencies and practical utilisation of the renewable and sustainable energy resources .

- CLO1:** Able to explain the terms, definitions and important concepts in the subject of renewable energy sources, energy consumption and its relation to environmental and sustainability problems.
- CLO2:** Able to link renewable energy sources, non-renewable energy sources, state-of-the-art energy efficient technologies and low carbon economies with a thought-provoking approach.
- CLO3:** Able to defend the course work clearly and confidently during the presentation session.
- CLO4:** Able to organize information from different sources to be applied into energy efficiency management methods and sustainable energy resource management in groups.

3.5 Programme Structure - Full-Time

Sample of the Study Plan (2 semesters / 1 year)

COURSE TYPE	2025/2026 ACADEMIC SESSION	
	SEMESTER I	SEMESTER II
CORE (T)	IEA501/3 IEA505/8* IEA518/3 IEG503/3	SEM BREAK
	IEA504/4 IEA505/8* IEG502/3 IEK516/3	
	13	14
ELECTIVE (E) (Choose one)	IEA506/4 IEA515/3 or IEA517/3	SEM BREAK
	IEA519/3 IEG513/4 or IEA514/3	
	7	6 or 7
Total Unit	20	20 or 21

*Course is offered in TWO (2) semesters (unit counted per semester is 4).

Sample of the Study Plan (4 semesters / 2 years)

Course Type	2025/2026 Academic Session	
	Semester 1	Semester 2
CORE (T)	IEA501/3 IEA518/3	SEM BREAK
	IEA504/4 IEG502/3	
	6	7
ELECTIVE (E) (Choose one)	IEA515/3 or IEA517/3	SEM BREAK
	IEA519/3	
	3	3
Total Unit	9	10

Course Type	2026/2027 Academic Session	
	Semester 1	Semester 2
CORE (T)	IEA505/8* IEG503/3	SEM BREAK
	IEA505/8* IEK516/3	
	7	7
ELECTIVE (E) (Choose one)	IEA506/4	SEM BREAK
	IEG513/4 or IEA514/3	
	4	3 or 4
Total Unit	11	10 or 11

*Course is offered in TWO (2) semesters (unit counted per semester is 4).

3.6 Programme Structure - Part-Time

Sample of the Study Plan (4 semesters / 2 years)

2025/2026 Academic Session			
Course Type	Semester 1		Semester 2
CORE (T)	IEA501/3	SEM BREAK	IEA504/4
	IEA518/3		IEG502/3
6	7		
ELECTIVE (E) (Choose one)	IEA515/3 or IEA517/3		IEA519/3
	3	3	
Total Unit	9	10	
2026/2027 Academic Session			
Course Type	Semester 1		Semester 2
CORE (T)	IEA505/8*	SEM BREAK	IEA505/8*
	IEG503/3		IEK516/3
7	7		
ELECTIVE (E) (Choose one)	IEA506/4		IEG513/4 or IEA514/3
	4	3 or 4	
Total Unit	11	10 or 11	

*Course is offered in TWO (2) semesters (unit counted per semester is 4).

Sample of the Study Plan (6 semesters / 3 years)

2025/2026 Academic Session			
Course Type	Semester 1		Semester 2
CORE (T)	IEA518/3	SEM BREAK	IEG502/3
	3		3
ELECTIVE (E) (Choose one)	IEA506/4		IEG513/4 or IEA514/3
	4		3 or 4
Total Unit	7	6 or 7	
2026/2027 Academic Session			
Course Type	Semester 1		Semester 2
CORE (T)	IEG503/3	SEM BREAK	IEK516/3
	3		3
ELECTIVE (E) (Choose one)	IEA515/3 or IEA517/3		IEA519/3
	3		3
Total Unit	6	6	
2027/2028 Academic Session			
Course Type	Semester 1		Semester 2
CORE (T)	IEA501/3	SEM BREAK	IEA504/4
	IEA505/8*		IEA505/8*
7	8		
Total Unit	7		8

*Course is offered in TWO (2) semesters (unit counted per semester is 4).

Sample of the Study Plan (8 semesters / 4 years)

2025/2026 Academic Session			
Course Type	Semester 1		Semester 2
CORE (T)	IEA518/3	SEM BREAK	IEG502/3
	3		3
ELECTIVE (E) (Choose one)	IEA506/4		IEG513/4 or IEA514/3
	4		3 or 4
Total Unit	7		6 or 7
2026/2027 Academic Session			
Course Type	Semester 1		Semester 2
CORE (T)	IEG503/3	SEM BREAK	IEK516/3
	3		3
Total Unit	3		3
2027/2028 Academic Session			
Course Type	Semester 1		Semester 2
CORE (T)	IEA501/3	SEM BREAK	IEA504/4
	3		4
Total Unit	3		4
2028/2029 Academic Session			
Course Type	Semester 1		Semester 2
CORE (T)	IEA505/8*	SEM BREAK	IEA505/8*
	4		4
ELECTIVE (E) (Choose one)	IEA515/3 or IEA517/3		IEA519/3
	3		3
Total Unit	7		7

*Course is offered in TWO (2) semesters (unit counted per semester is 4).

3.0 Expertise

1. Food Technology

No.	Name	Expertise & USM Expert Link
1	Prof. Dato' Dr. Azhar bin Mat Easa	1. Protein-Nutrient Interactions 2. Functional Foods 3. Almost-Illegal Foods <i>USM Expert: https://experts.usm.my/cvitae/azhar</i>
2	Assoc. Prof. Dr. Cheng Lai Hoong	1. General Food Processing - Industrial Problems Solving 2. Product shelf life 3. Food Quality <i>USM Expert: https://experts.usm.my/cvitae/lhcheng</i>
3	Assoc. Prof. Dr. Lee Lai Kuan	1. Human Nutrition 2. Nutritional Biochemistry 3. Nutrigenomic 4. Food Security 5. Biostatistic 6. Human Clinical Trial <i>USM Expert: https://experts.usm.my/cvitae/l.k.lee</i>
4	Assoc. Prof. Dr. Tan Thuan Chew	1. Food Regulations 2. Kinetic Study 3. Beverage Processing and Technology 4. Alternative Proteins 5. Food Defense 6. Food Fraud <i>USM Expert: https://experts.usm.my/cvitae/thuanchew</i>
5	Dr. Uthumporn Utra @ Sapina Abdullah	1. Food Chemistry and Analysis 2. Starch Structure and Functionality 3. Functional Food Product <i>USM Expert: https://experts.usm.my/cvitae/sapina</i>
6	Dr. Abdorreza Mohammad Nafchi	1. Textural, Rheological, and Thermal Properties of Foods 2. Bionanocomposites and Smart Packaging 3. Food Plant Layout 4. Simulation and Optimization of Food Processing Lines <i>USM Expert: https://experts.usm.my/cvitae/amohammadi</i>
7	Dr. Effarizah binti Mohd Esah	1. Microbiological Food Safety 2. Molecular Microbiology 3. Bacterial Foodborne Pathogens <i>USM Expert: https://experts.usm.my/cvitae/effarizah</i>
8	Dr. Hayati binti Samsudin	1. Food Packaging 2. Biodegradable Polymers 3. Mass Transfer in Food Packaging Application <i>USM Expert: https://experts.usm.my/cvitae/hayatis</i>

No.	Name	Expertise & USM Expert Link
9	Dr. Maizura binti Murad	<ol style="list-style-type: none"> 1. Food Sensory Evaluation 2. Food Analysis 3. Halal Food Management <p><i>USM Expert: https://experts.usm.my/cvitaemaizura</i></p>
10	Dr. Musfirah binti Zulkurnain	<ol style="list-style-type: none"> 1. Edible Oil Applications Technologies 2. Structuring Fatty Food Systems 3. Fats & Oils Processing Technologies 4. Non-Thermal Processing Technologies <p><i>USM Expert: https://experts.usm.my/cvitaemusfirah.z</i></p>
11	Dr. Nor Shariffa binti Yussof	<ol style="list-style-type: none"> 1. Food Biopolymers and Colloids 2. Food Nanotechnology 3. Lipid Technology <p><i>USM Expert: https://experts.usm.my/cvitaenshariffa</i></p>
12	Dr. Norazatul Hanim binti Mohd Rozalli	<ol style="list-style-type: none"> 1. Food Processing and Engineering 2. Heat and Mass Transfer in Food Processing 3. Food Rheology 4. Kinetic Analysis <p><i>USM Expert: https://experts.usm.my/cvitaenorazatulhanim</i></p>
13	Dr. Norlia binti Mahror	<ol style="list-style-type: none"> 1. Food Microbiology 2. Mycology 3. Mycotoxins <p><i>USM Expert: https://experts.usm.my/cvitaenorlia.mahror</i></p>
14	Dr. Syahariza binti Zainul Abidin	<ol style="list-style-type: none"> 1. Food Chemistry and Analysis 2. Texture-Modified Food 3. Starch Structure-Digestibility Study 4. Halal Food Authentication <p><i>USM Expert: https://experts.usm.my/cvitaesyahariza</i></p>

2. Bioresource Technology

No.	Name	Expertise & USM Expert Link
1	Prof. Datuk Dr. Abdul Khalil bin Shawkataly	<ol style="list-style-type: none"> 1. Bio Composites 2. Hybrid Composites 3. Nanotechnology and Fibre Science 4. High Performance/Conventional Lignocellulosic Composites <p><i>USM Expert: https://experts.usm.my/cvitaekhalil</i></p>
2	Assoc. Prof. Dr. Leh Cheu Peng	<ol style="list-style-type: none"> 1. Biomass Utilization for value-added products (Pulp, Papermaking and Bioenergy) 2. Cellulose and Fiber Technology 3. Sustainable Wood and Biomass Processing (Pulping and Bleaching) <p><i>USM Expert: https://experts.usm.my/cvitaecpleh</i></p>

No.	Name	Expertise & USM Expert Link
3	Assoc. Prof. Dr. Mohamad Haafiz bin Mohamad Kassim	<ol style="list-style-type: none"> 1. Isolation and Characterization of Microcrystalline Cellulose and Cellulose Nanowhisker 2. Cellulose and Cellulose Derivative 3. Pulp and Paper Making <p><i>USM Expert: https://experts.usm.my/cvitaе/mhaafiz</i></p>
4	Assoc. Prof. Dr. Nurul Fazita binti Mohammad Rawi	<ol style="list-style-type: none"> 1. Natural Fibre 2. Biocomposites and Biopolymer 3. Manufacture and Thermoforming of Biocomposite Sheets 4. Packaging Material from Biocomposites <p><i>USM Expert: https://experts.usm.my/cvitaе/fazita</i></p>
5	Assoc. Prof. Dr. Tay Guan Seng	<ol style="list-style-type: none"> 1. Lignocellulosic Based Polymer Composites (Thermoplastic and Thermoset) 2. Chemical Modification of Lignocellulosic Materials 3. Polyurethane Research and UV Curing Technology <p><i>USM Expert: https://experts.usm.my/cvitaе/taygs</i></p>
6	Dr. Arniza binti Ghazali	<ol style="list-style-type: none"> 1. Eco-Friendly Pulping of Oil Palm Biomass 2. Fundamental Study of Alkaline Peroxide Reaction Towards Pulp and Biomass 3. Pulp Based Products <p><i>USM Expert: https://experts.usm.my/cvitaе/arniza</i></p>
7	Dr. Azniwati binti Abd Aziz	<ol style="list-style-type: none"> 1. Synthesis and Characterization of Diblock Copolymers 2. Self-Assembly of Amphiphiles 3. Synthesis and Characterization of Surface-Active Janus Particles 4. Utilising Natural Resources as Surfactants in (Mini)Emulsion UV-Curable Coatings <p><i>USM Expert: https://experts.usm.my/cvitaе/azniwati</i></p>
8	Dr. Faheem Ullah	<ol style="list-style-type: none"> 1. Biopolymer Chemistry 2. Hydrogel Technology 3. Controlled Drug Delivery 4. Nanomedicine 5. Regenerated Products of Hydrogel, Aerogel, Xerogel, <p><i>USM Expert: https://experts.usm.my/cvitaе/kmsalleh</i></p>
9	Dr. Kushairi bin Mohd Salleh	<ol style="list-style-type: none"> 1. Biopolymers 2. Bioadhesives 3. Biocomposites 4. Cellulose and its Derivatives 5. 3-D Bioprinting, Skin-issue Engineering <p><i>USM Expert: https://experts.usm.my/cvitaе/kmsalleh</i></p>
10	Dr. Mohamad Shazeli bin Che Zain	<ol style="list-style-type: none"> 1. Phytochemistry and Applications <p><i>USM Expert: https://experts.usm.my/cvitaе/shazeli</i></p>

No.	Name	Expertise & USM Expert Link
11	Dr. Mohd Nurazzi bin Norizan	<ol style="list-style-type: none"> 1. Biocomposite 2. Natural Fibre Composite 3. Hybrid Composite 4. Polymer Chemistry and Structure 5. Materials Characterisation 6. Nanocomposite <p><i>USM Expert: https://experts.usm.my/cvitaе/mohd.nurazzi</i></p>
12	Dr. Nur Izzaati binti Saharudin	<ol style="list-style-type: none"> 1. Physical and Mechanical Properties of Bio-Composites and Bamboo-Based Composites Material for Structural and Non-Structural Application 2. Furniture Design and Manufacturing <p><i>USM Expert: https://experts.usm.my/cvitaе/nurizzaati</i></p>
13	Dr. Sumarni binti Mansur	<ol style="list-style-type: none"> 1. Membrane Technology 2. Haemodialysis Membrane 3. Biomaterials 4. Functional Materials 5. Biomass 6. Biocomposites <p><i>USM Expert: https://experts.usm.my/cvitaе/sumarni90</i></p>

3. Environmental Technology

No.	Name	Expertise & USM Expert Link
1	Prof. Dr. Norli binti Ismail	<ol style="list-style-type: none"> 1. Water 2. Wastewater 3. Solid Waste Treatment Technology 4. Management <p><i>USM Expert: https://experts.usm.my/cvitaе/norli</i></p>
2	Assoc. Prof. Dr. Yusri bin Yusup	<ol style="list-style-type: none"> 1. Boundary-Layer Meteorology 2. Air-Sea Interaction <p><i>USM Expert: https://experts.usm.my/cvitaе/yusriy</i></p>
3	Assoc. Prof. Dr. Mardiana Idayu binti Ahmad	<ol style="list-style-type: none"> 1. Renewable and Sustainable Energy Technologies 2. Bio-Based Micro and Nanotechnology/Materials for Pollution control 3. Environmental and Energy Management 4. Indoor Environmental Quality <p><i>USM Expert: https://experts.usm.my/cvitaе/mardianaidayu</i></p>
4	Assoc. Prof. Dr. Japareng bin Lalung	<ol style="list-style-type: none"> 1. Environmental microbiology <p><i>USM Expert: https://experts.usm.my/cvitaе/japareng</i></p>
5	Assoc. Prof. Dr. Syahidah binti Akmal Muhammad	<ol style="list-style-type: none"> 1. Stable Isotope Fingerprinting 2. Chemical Fingerprinting in Environmental Forensics 3. Environmental Monitoring of Organic Contaminant <p><i>USM Expert: https://experts.usm.my/cvitaе/syahidah</i></p>

No.	Name	Expertise & USM Expert Link
6	Assoc. Prof. Dr. Muhammad Izzuddin bin Syakir Ishak	1. Environmental Isotopes 2. Green material Technology for Watershed Management <i>USM Expert: https://experts.usm.my/cvitae/misyakir</i>
7	Assoc. Prof. Dr. Mohd Hafiidz bin Jaafar	1. Occupational Safety and Health <i>USM Expert: https://experts.usm.my/cvitae/mhafiidz</i>
8	Assoc. Prof. Dr. Mohamad Anuar bin Kamaruddin	1. Solid Waste Characteristics Study 2. Water Quality 3. Environmental Management 4. Landfill Technology 5. Waste Diversion <i>USM Expert: https://experts.usm.my/cvitae/anuarkamaruddin</i>
9	Dr. Harlina binti Ahmad	1. Environmental Engineering 2. Environmental Monitoring 3. Environmental Assessment <i>USM Expert: https://experts.usm.my/cvitae/harlinaa</i>
10	Dr. Khozema bin Ahmed Ali	1. Catalysis 2. Reaction Engineering 3. Air Pollution Monitoring and Control 4. Nanotechnology <i>USM Expert: https://experts.usm.my/cvitae/khozema</i>
11	Dr. Mark Harris Zuknik	1. Supercritical Carbon Dioxide (SC-CO ₂) Extraction <i>USM Expert: https://experts.usm.my/cvitae/zuknik</i>
12	Dr. Mohd Saiful bin Samsudin	1. Environmental Analysis and Modelling 2. Environmental Monitoring and Assessment 3. Environmental Toxicology <i>USM Expert: https://experts.usm.my/cvitae/saifulsamsudin</i>
13	Dr. Norhaniza binti Amil	1. Particulate Matter (PM) Characterization 2. Chemical Composition and Particle Number Distribution (PNC) 3. Source Apportionment of Atmospheric Aerosol 4. Atmospheric Pollution and Human Health 5. Occupational Health and Safety <i>USM Expert: https://experts.usm.my/cvitae/norhaniza_amil</i>
14	Dr. Santhana Krishnan Chandrasekar	1. Biogas 2. Bioconversion 3. Fermentation 4. Wastewater <i>USM Expert: https://experts.usm.my/cvitae/santhanakc</i>
15	Dr. Widad binti Fadhullah	1. Isotope Ecology 2. Ecological Risk Assessments <i>USM Expert: https://experts.usm.my/cvitae/widad</i>

4. Bioprocess Technology

No.	Name	Expertise & USM Expert Link
1	Prof. Dr. Liong Min Tze	<ol style="list-style-type: none"> 1. Fermentation Technology 2. Functional Food 3. Food Processing Plant and Machinery Design 4. Food Microbiology 5. Clinical Nutrition <p><i>USM Expert: https://experts.usm.my/cvitaе/mintze.liong</i></p>
2	Associ. Prof. Ir. Dr. Husnul Azan bin Tajarudin	<ol style="list-style-type: none"> 1. Biofeedstocks 2. Bioprocess Design 3. Downstream Processing 4. Factory Environment <p><i>USM Expert: https://experts.usm.my/cvitaе/azan</i></p>
3	Assoc. Prof. Dr. Lee Chee Keong	<ol style="list-style-type: none"> 1. Biological Macromolecules 2. Waste Valorisation 3. Biocatalyst and Enzyme Technology 4. Bioplastic Technology 5. Fermentation Technology <p><i>USM Expert: https://experts.usm.my/cvitaе/cklee</i></p>
4	Assoc. Prof. Dr. Tan Joo Shun	<ol style="list-style-type: none"> 1. Fermentation Technology 2. Bioreactor Food Fermentation 3. Functional Food Technology 4. Next Generation Food 5. Bioprocess Technologies <p><i>USM Expert: https://experts.usm.my/cvitaе/jooshun</i></p>
5	Ts. Dr. Ana Masara binti Ahmad Mokhtar	<ol style="list-style-type: none"> 1. Biochemical Genetics 2. Tumour Biology and Immunology 3. Cancer Cell Biology <p><i>USM Expert: https://experts.usm.my/cvitaе/anamasara</i></p>
6	Dr. Mohamad Hafizi bin Abu Bakar	<ol style="list-style-type: none"> 1. Cell Culture Technology 2. Biopharmaceuticals 3. Cell Biology 4. Molecular Pharmacology 5. Metabolomics <p><i>USM Expert: https://experts.usm.my/cvitaе/mhafizi88</i></p>
7	Dr. Mohd Asyraf bin Kassim	<ol style="list-style-type: none"> 1. Environmental Microbiology 2. Industrial Microbiology 3. Phycoremediation 4. Biomass Energy Technology 5. Bioremediation, Bioconversion and Biodegradation <p><i>USM Expert: https://experts.usm.my/cvitaе/asyrafkassim</i></p>

No.	Name	Expertise & USM Expert Link
8	Dr. Muaz bin Mohd Zaini Makhtar	<ol style="list-style-type: none"> 1. Bioconversion 2. Biofuel 3. Bioremediation 4. Bioprocess Engineering 5. Biomass Energy Technology <p><i>USM Expert: https://experts.usm.my/cvitaе/muazzaini</i></p>
9	Dr. Noor Aziah binti Serri	<ol style="list-style-type: none"> 1. Biochemical Process 2. Biocatalyst and Enzyme Technology 3. Bioprocess Technologies <p><i>USM Expert: https://experts.usm.my/cvitaе/aziah_serri</i></p>
10	Dr. Nor Hawani binti Salikin	<ol style="list-style-type: none"> 1. Cloning and Genetic Engineering 2. Marine Microbiology 3. Industrial Microbiology 4. Agricultural Microbiology <p><i>USM Expert: https://experts.usm.my/cvitaе/norhawani</i></p>
11	Dr. Noreen Suliani binti Mat Nanyan	<ol style="list-style-type: none"> 1. Gene Isolation 2. Gene Transformation 3. Microbial Technology 4. Nucleic Acids 5. Proteins <p><i>USM Expert: https://experts.usm.my/cvitaе/noreen_nanyan</i></p>
12	Ts. Dr. Siti Baidurah binti Yusoff	<ol style="list-style-type: none"> 1. Biofeedstocks 2. Biofuel 3. Bioplastic 4. Fermentation Technology 5. Biodegradable Packaging <p><i>USM Expert: https://experts.usm.my/cvitaе/sitibaidurah</i></p>
13	Dr. Siti Balqis binti Zulfigar	<ol style="list-style-type: none"> 1. Proteomics 2. Biocatalyst 3. Downstream Processing 4. Enzyme Technology <p><i>USM Expert: https://experts.usm.my/cvitaе/balqiszulfigar</i></p>
14	Dr. Wan Zafira Ezza binti Wan Zakaria	<ol style="list-style-type: none"> 1. Statistical Computing 2. Computer-Aided Geometric Design (CAGD) 3. Calculus <p><i>USM Expert: https://experts.usm.my/cvitaе/ezzafira</i></p>

5.0 Facilities

5.1 Laboratory Facilities for Undergraduate Teaching

NO.	LAB NO.	LAB NAME	PIC
1	019	Food Processing Lab	Mohd. Firdaus
2	031	Paper Processing Lab	Mazlan
3	042	Unit Operations Lab	Noraida / Alfenddi / Jeffiz
4	056	Furniture Workshop	Basrul
5	114	CAI/Computer Lab	Muhammad Khairi
6	137	Food Technology Equipment Lab	Abdul Rahim
7	A203	Microbial Agent and Strain Improvement (MASI) Lab	Najmah
8	A204	Bioanalysis and Biocatalysis (BB) Lab	Azmaizan
9	206	Microbiology Lab	Abdul Ghoni
10	233	Food Biochemistry Lab	Abdul Rahim
11	243	Liquid Chromatography Lab	Abdul Rahim / Norita
12	250	Food Sensory Analysis Lab	Najmah
13	255	Food Analysis Lab	Norita
14	262	Water Analysis Lab 1	Noraida / Alfenddi
15	306	Bioresource Lab 1	Azhar
16	340	Coating Lab 1	Shamsul
17	352	Paper Lab 1	Noorhasni / Mazlan

5.2 Laboratory Support Facility

NO.	LAB NO.	LAB NAME	SERVICE	PIC
1	048	Centre of Technical Facility	Maintenance / Repair	Zahidil Aswad
2	056	Furniture Workshop	Furniture workshop	Basrul
3	172	Lab Management Office	Service	Jeffiz / Mohd Syukri

5.3 Computer Laboratory and Research Laboratory

NO.	LAB NO.	LAB NAME	PURPOSE	PIC
1	025	Food Processing Lab	Teaching & Research	Mohd. Firdaus
2	031B	Mechanical Test Lab	Teaching & Research	Munir
3	031C	Mechanical Test Lab	Research	Munir
4	114	CAI/Computer Lab	Teaching & Computing Facility	Muhammad Khairi
5	119	Microbiology Lab	PG Research	Alfenddi
6	131	Super Critical & Special Instrument	PG Research	Alfenddi

NO.	LAB NO.	LAB NAME	PURPOSE	PIC
7	133	Environmental Technology Research Lab	Research	Alfenddi
8	137	Food Technology Equipment Lab	Teaching & Research	Abdul Rahim
9	140	Vermitech Lab	Research	Jeffiz
10	144	Sewage Lab	Research	Jeffiz
11	148	Environmental Technology Lab	Research	Jeffiz
12	154	Env.Tech Instrumental Lab	PG Research	Mohd Syukri
13	210	Food Technology Research Lab I	PG Research	Abdul Ghoni
14	215	Food Technology Research Lab II	PG Research	Abdul Ghoni
15	225	Food Technology Research Lab III	PG Research	Norita
16	225A	Spectroscopy Lab	Elemental Analysis Lab	Khairul Azhar
17	229	Paper Research Lab	PG Research	Mazlan
18	232	Food Technology Research Lab I	PG Research	Abdul Rahim
19	243	Liquid Chromatography Lab	Teaching and Research	Abdul Rahim / Norita / Azmaizan
20	307	Density Profiler Lab	Teaching and Research	Mohd Syukri
21	308	Bioresource Lab 1	Teaching and Research	Azhar
22	317	Paper Lab 2	Teaching and Research	Noorhasni
23	320	BPC Research Lab I	PG Research	Azhar
24	329	Ibn Hayyan Lab	Research	Khairul Azhar
25	331	Coating Lab 3	PG Research	Shamsul
26	333	Coating Lab 2	Thermal Analysis Lab	Noraida
27	337	UV Machine Lab	PG Research	Noraida
28	345	BPC Research Lab II	PG Research	Shamsul
29	348	Lignocellulosic Polymer Composite Lab	PG Research	Shamsul
30	350	Weather Station Lab	PG Research	Noraida
31	352	Paper Lab 1	Teaching and Research	Noorhasni
32	A001	Pilot Scale Lab	PG Research	Azmaizan
33	A202	Bioprocess Technology Lab	Teaching and Research	Azmaizan/Najmah
34	A307	PRHONE Research Lab	PG Research	Najmah
35	A309	Integrated Bioprocessing Research Lab	PG Research	Azmaizan
36	A407a	Fermentation, Microbiology, Microalgae, Enzyme (FeMEs) Lab	PG Research	Azmaizan
37	A408a	ProCeDa Lab	PG Research	Najmah
38	A409a	Bioprocess Technology Lab	Research/Instrument	Najmah

* Undergraduate students will have practical classes and final year research projects in laboratories assigned as teaching and research laboratories

* PG research laboratories are dedicated to postgraduate students.

5.4 Centralised Laboratory

NO.	LAB NO.	LAB NAME	PURPOSE	PIC
1	047	Microscope Laboratory	Teaching & Research	Munir / Mohd Syukri
2	225A	Elemental Analysis Laboratory	Teaching & Research	Khairul Azhar / Mohd Syukri
3	243	Liquid Chromatography Laboratory	Teaching & Research	Azmaizan
4	329	Gas Chromatography Laboratory	Teaching & Research	Khairul Azhar / Mohd Syukri
5	333	Thermal Analysis Laboratory	Teaching & Research	Noraida / Shamsul

5.5 Other Facilities

In addition, the school also provides the following facilities:

1. A Student Corner at the School foyer
2. Muslim Prayer Rooms (Surau) (Room 302A/B/ A607)
3. A Seminar Room (Room 171)
4. Conference Room (Ground floor of the School)
5. Cuckoo Water Machines (Level 1 & Level 3)
6. Student Lockers (available at the respective division)
7. A mini garden
8. Wireless network "Wi-Fi" throughout USM campus
9. Postgraduates Rooms – Environmental Technology (Room 049 & 350)
10. Postgraduates Room – Food Technology (Room 221)
11. Postgraduates Room – Bio-Resource, Paper and Coating Technology (Room 319)
12. Postgraduate Space (Room A605)
13. ePlas Multipurpose Classroom (A601)





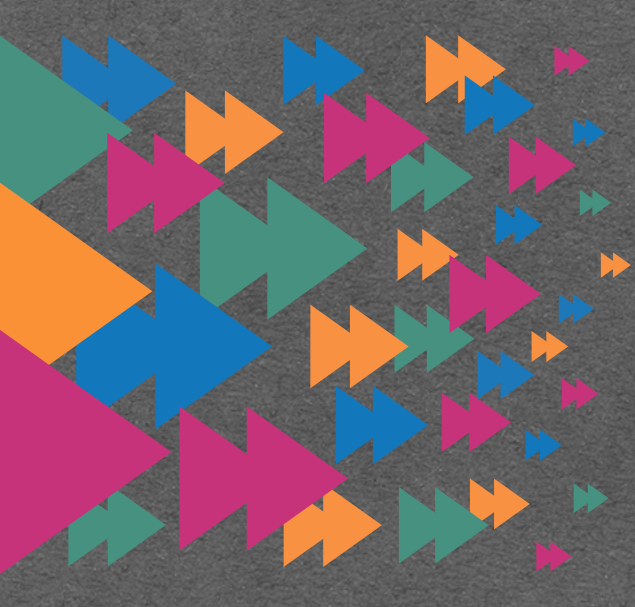
ACADEMIC CALENDAR - ACADEMIC SESSION 2025/2026

FOR ALL SCHOOLS (EXCEPT FOR SCHOOL OF MEDICAL SCIENCES AND SCHOOL OF DENTAL SCIENCES)

Main Campus : Registration for New Student (26 - 28 September 2025) / **Orientation Week (29 September - 04 October 2025)
 Engineering Campus : Registration for New Student (28 September 2025) / **Orientation Week (29 September - 04 October 2025)
 Health Campus : Registration for New Student (30 September 2025) / **Orientation Week (30 September - 04 October 2025)

SEM	WEEKS	ACTIVITIES	DATE	REMARKS
ONE	1	Teaching & Learning (T&L 7 Weeks)	Monday, 06.10.2025 - Sunday, 12.10.2025	
	2		Monday, 13.10.2025 - Sunday, 19.10.2025	
	3		Monday, 20.10.2025 - Sunday, 26.10.2025	20.10.2025, Monday - Deepavali**
	4		Monday, 27.10.2025 - Sunday, 02.11.2025	
	5		Monday, 03.11.2025 - Sunday, 09.11.2025	
	6		Monday, 10.11.2025 - Sunday, 16.11.2025	
	7		Monday, 17.11.2025 - Sunday, 23.11.2025	
	8	Mid Semester Break (1 Week)	Monday, 24.11.2025 - Sunday, 30.11.2025	
	9	Teaching & Learning (T&L 7 Weeks)	Monday, 01.12.2025 - Sunday, 07.12.2025	
	10		Monday, 08.12.2025 - Sunday, 14.12.2025	
	11		Monday, 15.12.2025 - Sunday, 21.12.2025	
	12		Monday, 22.12.2025 - Sunday, 28.12.2025	25.12.2025, Thursday - Christmas Day
	13		Monday, 29.12.2025 - Sunday, 04.01.2026	01.01.2026, Thursday - New Year of 2025
	14		Monday, 05.01.2026 - Sunday, 11.01.2026	
	15		Monday, 12.01.2026 - Sunday, 18.01.2026	
	16	Revision Week (1 Week)	Monday, 19.01.2026 - Sunday, 25.01.2026	
	17	Examination (3 Weeks)	Monday, 26.01.2026 - Sunday, 01.02.2026	01.02.2026, Sunday - Thaipusam
	18		Monday, 02.02.2026 - Sunday, 08.02.2026	02.02.2026, Sunday - Replacement leave for Thaipusam (Main & Engineering Campus)
	19		Monday, 09.02.2026 - Sunday, 15.02.2026	
	20	Mid Semester Break / Industrial Training (4 Weeks)	Monday, 16.02.2026 - Sunday, 22.02.2026	17 & 18.02.2026, Tuesday & Wednesday - Chinese New Year 19.02.2026, Thursday - 1st day of Ramadhan
	21		Monday, 23.02.2026 - Sunday, 01.03.2026	
	22		Monday, 02.03.2026 - Sunday, 08.03.2026	07.03.2026, Saturday - Nuzul Al-Quran
	23		Monday, 09.03.2026 - Sunday, 15.03.2026	
TWO	24/1	Teaching & Learning (T&L 7 Weeks)	Monday, 16.03.2026 - Sunday, 22.03.2026	21.03.2026 & 22.03.2026, Saturday & Sunday - Eid al-Fitr**
	25/2		Monday, 23.03.2026 - Sunday, 29.03.2026	23.03.2026, Monday - Replacement leave for Eid al-Fitr****
	26/3		Monday, 30.03.2026 - Sunday, 05.04.2026	
	27/4		Monday, 06.04.2026 - Sunday, 12.04.2026	
	28/5		Monday, 13.04.2026 - Sunday, 19.04.2026	
	29/6		Monday, 20.04.2026 - Sunday, 26.04.2026	
	30/7		Monday, 27.04.2026 - Sunday, 03.05.2026	01.05.2026, Friday - Labour Day
	31/8	Mid Semester Break (1 Week)	Monday, 04.05.2026 - Sunday, 10.05.2026	
	32/9	Teaching & Learning (T&L 7 Weeks)	Monday, 11.05.2026 - Sunday, 17.05.2026	
	33/10		Monday, 18.05.2026 - Sunday, 24.05.2026	
	34/11		Monday, 25.05.2026 - Sunday, 31.05.2026	27 & 28.05.2026, Wednesday & Thursday - Eid al-Adha** 31.05.2026, Sunday - Wesak Day
	35/12		Monday, 01.06.2026 - Sunday, 07.06.2026	01.06.2026, Monday - Replacement leave for Wesak Day (Main & Engineering Campus) 01.06.2026, Monday - Yanq di-Pertuan Aqonq's Birthday
	36/13		Monday, 08.06.2026 - Sunday, 14.06.2026	
	37/14		Monday, 15.06.2026 - Sunday, 21.06.2026	17.06.2026, Wednesday - Awal Muharram
	38/15		Monday, 22.06.2026 - Sunday, 28.06.2026	
	39/16	Revision Week (1 Week)	Monday, 29.06.2026 - Sunday, 05.07.2026	
	40/17	**Examination (2 Weeks)	Monday, 06.07.2026 - Sunday, 12.07.2026	07.07.2026, Tuesday - Georgetown World Heritage City Day 11.07.2026, Saturday - Penang Governor's Birthday
41/18	Examination (3 Weeks)		Monday, 13.07.2026 - Sunday, 19.07.2026	
42/19			Monday, 20.07.2026 - Sunday, 26.07.2026	
COURSES DURING LONG BREAK / SEMESTER BREAK	43/20	Long Semester Break / Industrial Training (10/11 Weeks)	Monday, 27.07.2026 - Sunday, 02.08.2026	
	44/21		Monday, 03.08.2026 - Sunday, 09.08.2026	
	45/22		Monday, 10.08.2026 - Sunday, 16.08.2026	
	46/23		Monday, 17.08.2026 - Sunday, 23.08.2026	
	47/24		*T&L	Monday, 24.08.2026 - Sunday, 30.08.2026
	48/25	Examination	Monday, 31.08.2026 - Sunday, 06.09.2026	31.08.2026, Monday - National Day
	49/26		Monday, 07.09.2026 - Sunday, 13.09.2026	
	50/27		Monday, 14.09.2026 - Sunday, 20.09.2026	16.09.2026, Wednesday - Malaysia Day
	51/28		Monday, 21.09.2026 - Sunday, 27.09.2026	29 & 30.09.2026, Tuesday & Wednesday - Sultan of Kelantan's Birthday (Health Campus)
	52/29		Monday, 28.09.2026 - Sunday, 04.10.2026	

**This Academic Calendar is subject to change



Universiti Sains Malaysia
THE PREFERRED UNIVERSITY
by design

#usm #welead

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