Quality Education

Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all.

Universiti Malaya's Commitment to Quality Education

Education is imperative to equip everyone in society with the vital knowledge and skills needed to build a sustainable future. As outlined in Universiti Malaya's Quality Policy, we are committed to delivering teaching and learning, carrying out research, and providing quality services on a global level. We aim to generate and enhance knowledge through continuous improvement efforts for the benefit of all stakeholders, particularly Universiti Malaya's students.

SDG 4 is a commitment and call to action to ensure inclusive and equitable quality education and promote lifelong learning opportunities for all. This call to action on SDG 4, as pledged by Universiti Malaya, the oldest public and research university in Malaysia, is reflected in our diverse lifelong learning initiatives coupled with our supportive policy framework.

Proportion of Graduates with Teaching Qualification

In alignment with Sustainable Development Goal 4 (SDG 4) — Quality Education, the Universiti Malaya (UM) demonstrates its commitment by preparing qualified graduates to contribute to early childhood and primary education. The consistent proportion of UM graduates with relevant teaching qualifications, reaching a peak of 6.5% in 2022 and sustaining at 5.9% in 2023, underscores UM's dedication to enhancing educational quality and accessibility at foundational levels, ultimately supporting the development of inclusive and equitable education systems.
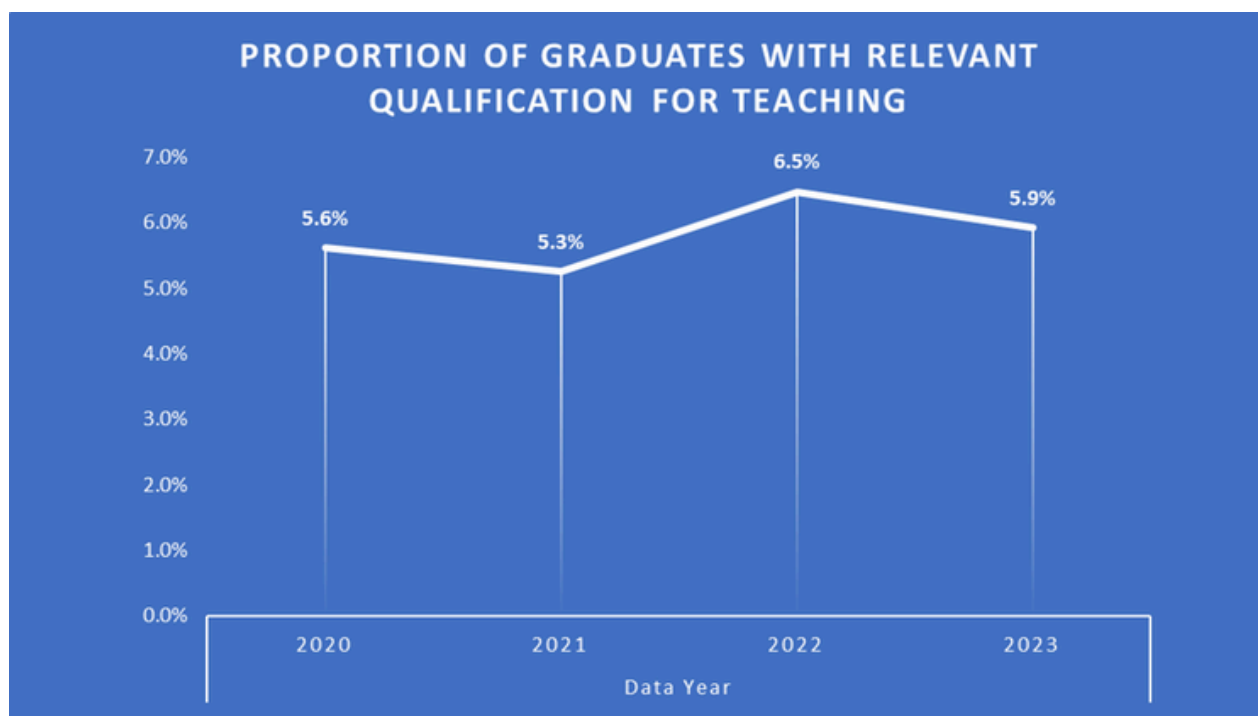
Above: A graph showing the proportion of graduates with relevant qualification for teaching at Universiti Malaya, comparing data from 2020 to 2023
(Source: Universiti Malaya Academic Portal)
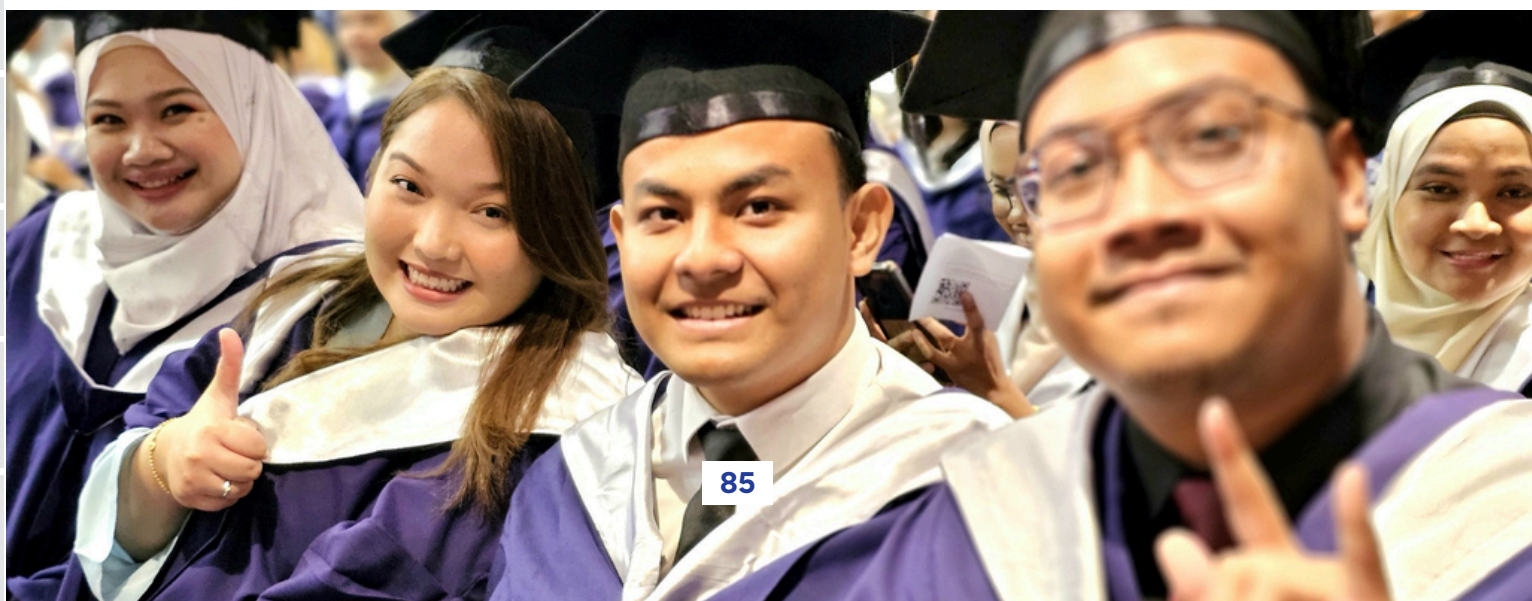
Public Resources for Lifelong Learning

Universiti Malaya provides free access to educational resources for students, staff, and the public.

Universiti Malaya Library

With the growing interest in information, knowledge and scholarly activities, the UM library has transformed its name to Digital Scholarship & Information Commons (DSIC). Established in 1959, DSIC has a total collection of more than one million up-to-date titles. It comprises a Central Library that provides comprehensive library facilities for the entire campus, along with a network of branch and special libraries to meet the specific needs of various faculties. The library is led by the Chief Librarian, supported by a team of professional librarians, support and technical staff.

The five (5) focus areas of DSIC are:
- Enriching the student learning experience
- Advancing research for the public good through research partnership
- Growing as learning organisation that nurtures, enables, and empowers talent
- Creating an equitable environment for education, engagement, and inspiration
- Enhancing strategic partnership and community engagement

MicroCredentials@UM

Microcredentials@UM is an initiative launched in 2019 to assist Universiti Malaya educators in designing and publishing high-quality online courses to meet the university's goal of expanding its online course offerings.

Since its launch, UM has successfully received thousands of enrolments via FutureLearn platform from diverse learners across the globe.

A total of over 42 publicly accessible online courses are offered under the Microcredentials@UM initiative, led by the Academic Strategic Planning Department (ASPD) in collaboration with FutureLearn.
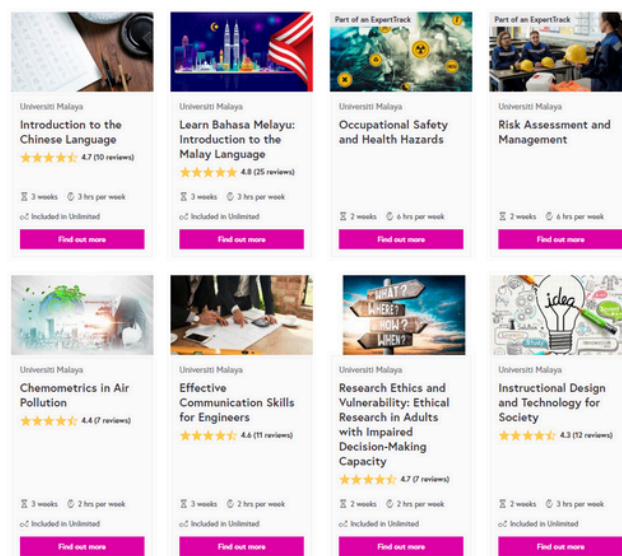

Above: *The main library of Universiti Malaya*
Below: *Explore the MicroCredentials courses offered at UM.*
Learn more here: MicroCredentials Courses

SULAM UM

Service Learning Malaysia - University for Society (SULAM) is an innovative initiative designed to bridge higher education and societal needs by encouraging students to address real-world challenges and improve communities. As defined by the National Service Learning Clearinghouse, service learning integrates meaningful experiences with education, fostering civic responsibility and strengthening communities. This initiative reflects the global shift towards education that not only focuses on academic knowledge but also social impact, a core principle aligned with SDG 4: Quality Education.

SDG 4 emphasises inclusive, equitable quality education and the promotion of lifelong learning opportunities. SULAM actively contributes to this goal by embedding service learning into UM's academic framework, ensuring students gain practical knowledge, develop a deeper understanding of their role in society, and enhance their social consciousness. The Ministry of Higher Education (MOHE) Malaysia has also made service learning a requirement for university students, underscoring the importance of holistic education that extends beyond the classroom.

According to Eyler and Giles (1999), service learning is a form of experiential education, where students work through a cycle of action and reflection. As they apply their academic knowledge to solve community problems, they simultaneously reflect on their own growth and understanding, achieving both tangible objectives for the community and deeper personal insights.

At Universiti Malaya, SULAM represents one of the key components in cultivating well-rounded graduates with an entrepreneurial mindset, ready to contribute positively to society. The initiative also exemplifies High Impact Educational Practices (HIEPs), a framework introduced by the Ministry of Higher Education (MOHE) in 2016. In line with UM's commitment to SDG 4, SULAM integrates academic rigor with civic engagement, offering students the opportunity to be lifelong learners while actively making a difference.

Universiti Malaya enhances the impact of the SULAM initiative by providing free online educational resources through the SULAM Module, which supports both students and educators in adopting service learning practices. These resources are accessible at SULAM UM, further contributing to the democratisation of education—a key aspect of SDG 4.

For more information about activities held in 2023 under the SULAM project, please visit here.

Below: UM student-led's SULAM Project with local community

Table: List of SULAM Modules

SULAM Modules	Learning Materials
Chapter 1: SULAM as Community Engaged Pedagogy	HERE
Chapter 2: SULAM Course Development	HERE
Chapter 3: SULAM Community Partner Matching	HERE
SULAM Playbook Service Learning Malaysia - University for Society	HERE
Introduction and History of SULAM Initiation Sharing session by Dr. Farrah Dina (Strategic Committee Member, Higher Education Department, Ministry of Higher Education)	HERE
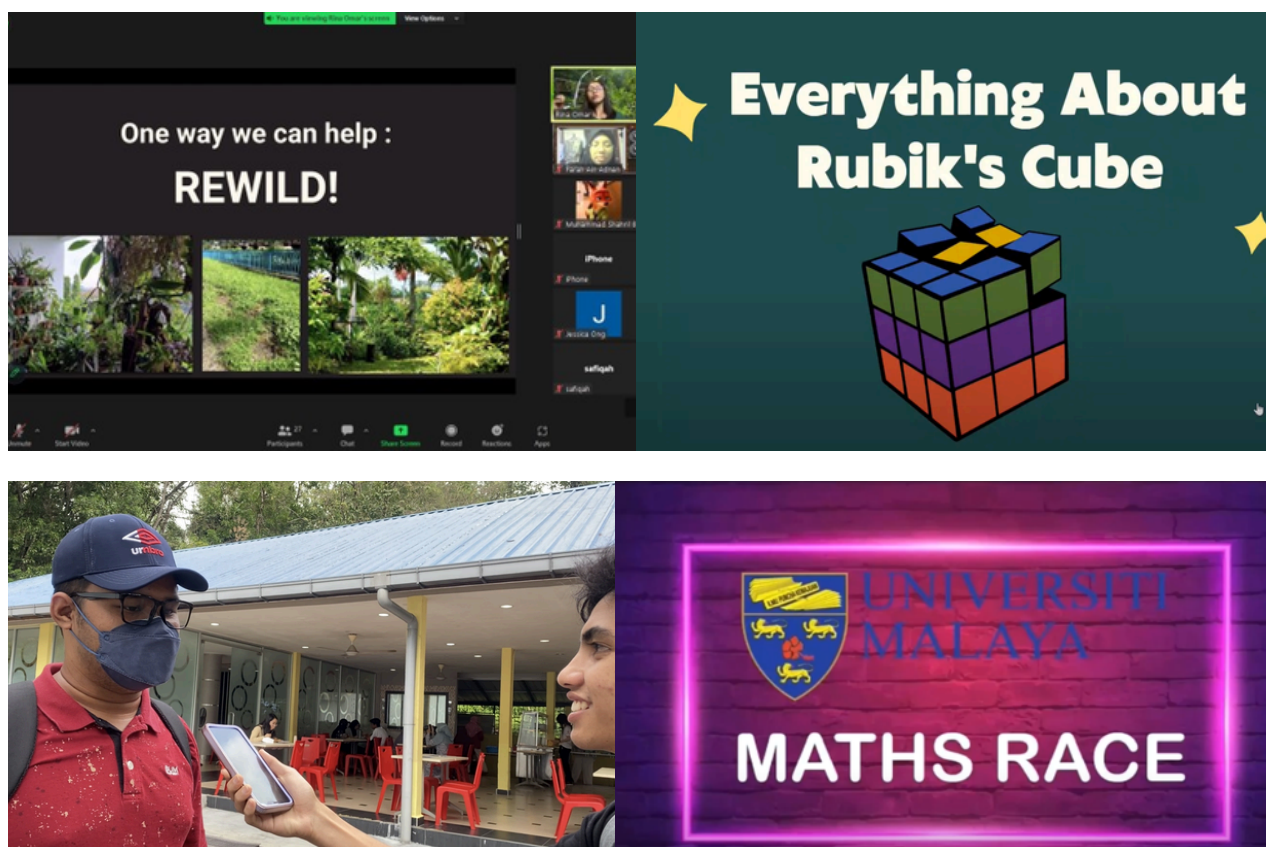
Above: *Examples of SULAM projects from 2022 to 2023*
(Source: SULAM activities)

Museum of Asian Art and Art Gallery

The Museum of Asian Art boasts a long history, having been built up over a period of almost 50 years. The museum's present home was constructed to accommodate the increasing new acquisition. In June 1980, the new building was established in the scenic area between the Faculty of Economics and the Faculty of Law (currently occupied by the Faculty of Business and Accounting). Within three floors of exhibition space, the museum represents three significant civilisations: Indian, Chinese and Islamic (Malay culture).

The Museum is home to a total of six (6) categories of collections:

- Malaysiana: The Malay collection includes crafts such as basketry, textiles, brass, silver, and wood carvings
- Southeast Asia (Cambodia, Thailand, Laos, Vietnam, Indonesia): The diverse cultures of Southeast Asia are represented through sculptures, textiles, jewellery, ceramics, and terra-cotta works
- India: A collection of Indian stone sculptures, from as early as the Sathavahana period, as well as Jain and Buddhist iconography
- The Persian World and the West Asia (Iran, Iraq and Middle East): This includes Islamic bronzes, miniature paintings, tombstones, and precious stones used for seals
- China: A comprehensive range of Chinese ceramics and porcelain that spans almost the entire history of this art form in China (3,000 years)
- Japan: Ceramics originating from the early Karatsu tradition and Imari/Kakiemon period

In 2023, the Museum of Asian Art and Art Gallery has showcased at least six exhibitions, enhancing educational engagement and cultural appreciation.

Left to right: _The Ancestral Path Exhibition "Pameran Jalan Nenek Moyang"_; _An Exhibition on the Excellence of Islamic Art_; _An Emporium of Jars: Ancient Stoneware Jars of Southeast Asia_
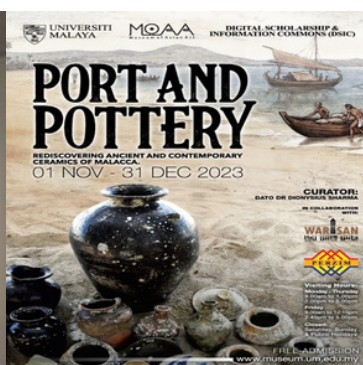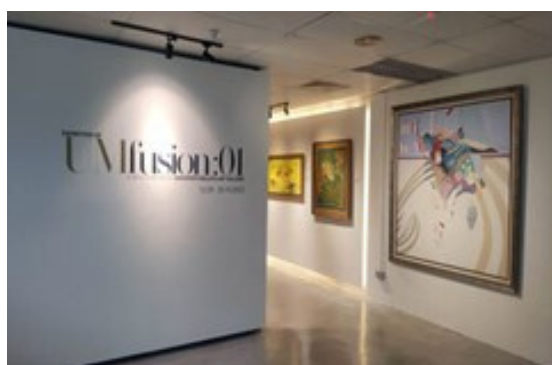
Left to right: _Exhibition of UMFUSION:01 A New Chapter of Universiti Malaya Art Gallery_; _Port And Pottery Rediscovering Ancient and Contemporary Ceramics of Malacca_; _"Pameran Alam & Guru: Nukilan Sarwajagat"_

Rimba Ilmu Botanic Garden, located in Universiti Malaya, Kuala Lumpur, is a lush green sanctuary designed for education, research, and conservation. Spanning over 80 hectares, it houses diverse plant species native to Malaysia and Southeast Asia, making it a vital ecological hub. Visitors can explore tropical plants, rare herbs, medicinal species, and various ecosystems. Established to promote environmental awareness and preservation, Rimba Ilmu offers a serene escape within the city, ideal for nature lovers, researchers, and students alike.

Rimba Ilmu also serves as an important research site for many scientific studies, such as phytochemistry (investigating the chemical properties of plants, including medicinal uses and anti-bacterial properties), plant growth and structure, and even insect life.

Rimba Ilmu collaborates with various entities, such as the Forest Research Institue of Malaysia (FRIM) and renowned research universities in the country, including Universiti Kebangsaan Malaysia (UKM), Universiti Putra Malaysia (UPM), and Universiti Sains Malaysia (USM).

Two prominent features of educational and research resources from Rimba Ilmu include:

Herbarium: one of the most important herbaria in Malaysia, with collection containing over 75,000 accessions. Established in 1960 and registered with the International Association for Plant Taxonomy under the acronym KLU, it is the oldest university herbarium in the country. The emphasis is on Malaysia's native flora, although a good selection of temperate flora has also been assembled through exchange. The Herbarium moved to its current location at Rimba Ilmu in 2000.

Green House (*Rumah Hijau*): These research facilities are specially built for researchers to conduct scientific studies. There are six such facilities, each housing different research projects by researchers and students, focusing on plants, agriculture, plant physiology, and more.

Below (left): *Herbarium at Rimba Ilmu*
Below (right): *Green House at Rimba Ilmu*

Public Events for Lifelong Learning

In 2023, Universiti Malaya organised a diverse array of public events aimed at promoting lifelong learning in direct support of SDG 4. These events encompassed seminars, workshops, and interactive sessions featuring experts from various fields, meticulously designed to enhance skills, knowledge, and personal development for participants of all ages. The university's goal was to foster an inclusive and engaging learning environment, encouraging continuous education beyond traditional academic settings.

These initiatives not only provided valuable opportunities for professional and personal growth but also cultivated a robust culture of lifelong learning within the community, reinforcing Universiti Malaya's unwavering commitment to accessible and quality education for all. A total of 275 public events specifically dedicated to SDG 4 has been hosted in 2023.

Table: List of public events dedicated to SDG 4 in 2023

Date (Year 2023)	Event Title	Host	Accessibility
8 - 10 January	Universiti Malaya Research Carnival (UMRC)	Deputy Vice Chancellor Research & Innovation Office	Free
11 January	Path Education, Path Exposure	Centre for Foundation Studies in Science (PASUM)	Free
12 January	SULAM Showcase in Education (SHINE)	Faculty of Computer Science and Information Technology	Free
14 January	*Forum Keistimewaan Sumber Inspirasi: Perubahan Mentaliti Dan Sikap Sebuah Caknaan Bersama*	*Exco Kebajikan dan Kemasyarakatan bersama Exco Hal Ehwal Siswi dan Mahasiswa O.K.U KMUM APM*	Free
17 January	Octopus The Talk Series: Academic Multitasking - Understanding the Dimensions and How to Cope	Academic Strategic Development Planning Department (ADeC)	Free
17 January	SULAM Showcase in Education	Faculty of Computer Science and Information Technology	Free
16 - 20 January	Pasum Alumni Sharing: One Step Closer	Alumni Unit PASUM	Free
1 - 20 January	Poetry Writing Competition	2nd Residential College	Free
30 January	Department Of Anatomy Talk Series: Common Errors in Research Publication	Faculty of Medicine	Free
31 January	Discover Journals with Libkey Nomad	Universiti Malaya Library	Free
31 January	Sembang Psikologi: Welcome To 2023! Let's Establish Your Vision Board	Centre for Counseling & Disability Empowerment (CDE)	Free
4 February	Festival Perpaduan Kuaz	JKP Kerohanian & Perpaduan	Free
14 February	KUAZ The Night Journey	JKP Kerohanian & Perpaduan	Free

Table: *List of public events dedicated to SDG 4 in 2023*

Date (Year 2023)	Event Title	Host	Accessibility
17 February	Virtual Mobility Outbound Clinic	International Students & Mobility Centre	Free
25 February	Reimagining Life Live Life, Don't Just Exist by Yusuf Hashim	Universiti Malaya Library	Free
25 February	Pertandingan Cabaran Statistik/Matematik Peringkat Kebangsaan 2023 Kali Kedua (ISMChallenge-II 2023)	Faculty of Science	Free
28 February	Staying Current with Browzine Um Library Workshop 2023	Universiti Malaya Library	Free
1 March	Forum On "The Art of Dialogue: Intersecting Anthropology and Religion"	UM Centre for Civilisational Dialogue (UMCCD)	Free
3 March	Malaysian Accounting Students Convention 2023 Camaraderie	Universiti Malaya Accounting	Free
10 March	Language Training Course	Kong Zi Institute	Free
13 March	Townhall Session FBL	Kesatuan Mahasiswa Universiti Malaya - Fakulti Bahasa dan Linguistik	Free
19 March	Malaysian Youth Finance Series (MYFS) 2023	Universiti Malaya Finance Association	Free
20 March	E-Resources Webinar: Maximising Your Research with Project Muse	Universiti Malaya Library	Free
22 March	The ICT-INOV Instructor Training	Faculty of Computer Science and Information Technology	Free
23 March	HSK Workshop for Mandarin Language Teacher	Kong Zi Institute	Free
25 March	Bengkel Royal Media - Bengkel Berkaitan Mobilegrafi Dan Fotografi	12th Residential College (Royal Media Club)	Free
27 March	Research Sharing Session for Academic Staff	Faculty of Computer Science and Information Technology	Free
29 March	E-Resources Webinar: EBSCO Resources & EBSCO Discovery Service (EDS) Platform	Universiti Malaya Library	Free
31 March	Virtual Mobility Outbound Clinic	International Students & Mobility Centre	Free
4 April	Webinar On High Impact Literature Review	Faculty of Arts and Social Sciences	Free
7 April	Bengkel Multimedia Kelab UMCares	Universiti Malaya Community Engagement Centre (UMCares)	Free
8 April	Ceramah Ihya' Ramadhan Sains Puasa	10th Residential College	Free
8 April	Science Communication Series I/2023: How to Craft a Great Curriculum Vitae?	Faculty of Medicine	Free
13 April	Majlis Tadarus & Khatam Al-Quran Peringkat Universiti Malaya	Universiti Malaya Student Union	Free
17 April	Green Materials with Autonomous Behaviour for The Carbon Neutral Seaport and Rail Infrastructures	Building Surveying Department	Free

Table: *List of public events dedicated to SDG 4 in 2023*

Date (Year 2023)	Event Title	Host	Accessibility
19 April	UMCares Riddle (Make-Up Challenge)	Universiti Malaya Community Engagement Centre (UMCares)	Free
21 April	Rise Of Oleorangers - T-Shirt Design Competition	OleoRangers	Free
10 May	Career Talk with MFM: Getting to Know Further Processing	IMechE University of Malaya Student Chapter	Free
11 May	AEI Special Tea Break Session (Hybrid): The Impact of Faculty Study Abroad Experiences on University Development In Southeast Asian Countries - A Cross-Country Comparison Based On Large-Scale Questionnaire And Interview Surveys	Asia-Europe Institute	Free
12 May	Unsur Budaya Cina Dan Makna Emotif Dalam Kata Adjektif Warna Bahasa Cina	Faculty of Arts and Social Sciences	Free
12 May	Unboxing Monopoly	Universiti Malaya Community Engagement Centre (UMCares)	Free
13 May	AAPG UM Sc Petrobowl Competition	University of Malaya's American Association of Petroleum Geologist (AAPG)	Free
13 May	Apollo's Poets Project - Ekspresi Puitika	2nd Residential College	Free
13 May	UMCares Leadership Talk	Universiti Malaya Community Engagement Centre (UMCares)	Free
15 May	Educational Guided Tour for Students from Program Diploma Pendidikan Pascasiswazah for Ecology and Biodiversity Course	Rimba Ilmu Botanic Garden	Free
9 & 16 May	Public Lecture: Japanese Organisational Culture	Faculty of Arts and Social Sciences	Free
17 May	Webinar 1 - Malaysia Scopus: Introduction to Scopus & Latest Innovations and Updates	Universiti Malaya Library	Free
17 May	Resume And Sharing Session	IMechE University of Malaya Student Chapter	Free
19 May	Led Workshop Series - Flutter Foundation: Your First Step to Mobile App Development	Makerspace@UM	Free
20 May	Remade 1.0 Remaja Masa Depan SMK (P) Titiwangsa	12th Residential College (Remaja Facillitator)	Free
26 May	Workshop Series: Arduino+Chatgp	Makerspace@UM	Free
26 May	Opencv & Raspberry Pi [Python]: Welcome to Computer Vision	Makerspace@UM	Free
1 June	Rimba Ilmu Open Day 2023	Rimba Ilmu Botanic Garden	Free
2 June	Lloyd Fernando Seminar Series Poetry in Singlish? Reading Joshua Ip and Hamid Roslan	Faculty of Arts and Social Sciences	Free
2 June	Nlocking The Power of Knowledge: Join the Open Science Movement!	Universiti Malaya Library	Free

Table: *List of public events dedicated to SDG 4 in 2023*

Date (Year 2023)	Event Title	Host	Accessibility
6 June	Staying Current with Browzine Um Library Workshop 2023	Universiti Malaya Library	Free
8 June	Student-Led Workshop Series	Universiti Malaya Sustainable Development Centre (UMSDC)	Free
10 - 11 June	English Carnival @ UM 2023	Faculty of Creative Arts	Free
13 June	Research Talk: Unlocking Possibilities of Higher Educational Research for Community	Faculty of Education	Free
14 June	UM Sustainability Festival 2023: Spark! Sustainability Ideation Session (UM Living Labs: Ecocampus)	Universiti Malaya Sustainable Development Centre (UMSDC)	Free
16 June	Research Talk: An Insight into Multidisciplinary Research	Faculty of Education	Free
16 June	Unlocking Opportunities Towards Sustainable Educational Research	Faculty of Education	Free
19 June	E-Resources Webinar: Getting Familiar with The Features Platform & Values of Oxford University Press (OUP)	Universiti Malaya Library	Free
19 June	E-Resources Webinar: Getting Familiar with The Features Platform & Values of Sage Publications	Universiti Malaya Library	Free
20 June	Malaysia Scopus: Search & Discovery for Researcher Workflow in Scopus	Universiti Malaya Library	Free
21 June	Adaptation Of Japanese Holistic Education in Malaysia	Faculty of Education	Free
23 June	Webinar Research Cluster Public Forum: Food Security Through Sustainable & Organic Aquaculture	UM Research Cluster Office	Free
23 June	Undergraduate Research Symposium	Faculty of Creative Arts	Free
26 June	Pattern Recognition and Its Applications in Air Writing Recognition	Faculty of Computer Science and Information Technology	Free
27 June	Science Communication Seminar Series: Writing and Communicating Policy Papers and Position Statements	Faculty of Science	Free
5 July	Jove Visualisation and Enhancement for Research & Education	Universiti Malaya Library	Free
11 July	E-Resources Webinar: Publishing Strategically for Research Impact Using Journal Citation Reports	Universiti Malaya Library	Free
15 July	Master of Health Research Ethics (MOHRE) Programme Open Day 2023	Faculty of Medicine	Free
15 July	Kursus Asas dan Kemahiran Dialog	UM UNESCO Club	Free
18 July	Technical Talks for Professional Development and Defence Preparation	Engineering Postgraduate Club	Free
18 July	Fundamentals Of Literature Review - Contribution Diagram Inspired Journey	Faculty of Arts and Social Sciences	Free

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Table: *List of public events dedicated to SDG 4 in 2023*

Date (Year 2023)	Event Title	Host	Accessibility
20 July	Program Kesejahteraan UM - Indraloka	Universiti Malaya Community Engagement Centre (UMCares)	Free
21 July	Public Forum on Science Communication - Translating Science into Public Knowledge	Faculty of Science	Free
27 July	Publication Series Workshop: Search and Retrieve Business Journals by EBSCO	Universiti Malaya Library	Free
27 July	E-Resources Workshop - EBSCOHOST, EBSCO Ebooks and EBSCO Mobile App	Universiti Malaya Library	Free
28 - 29 July	Open Day of Faculty of Computer Science and Information Technology	Faculty of Computer Science and Information Technology	Free
31 July	Seminar on Thermal Analysis with Sample Observation	Centre of Advanced Materials (CAM)	Free
7,14, 21, 28 July	Program Sembang Santai (Bulan Julai)	Division of Counseling & Disability Empowerment (CDE)	Free
7 June - 7 August	Exhibition Titled From Darkness to Clarity: The Evolution of Medical Imaging Through Emeritus Professor Dr Ng Kwan Hoong's Innovations	TJ Danaraj Medical Library	Free
2 August	Lecture: Biofilms: Microbial Lifestyles of Clinical Relevance	Faculty of Medicine	Free
3 August	Mastering The Basics: A Seminar on The Principle and Practice of Molecular Biology Instrument	Faculty of Medicine	Free
7 August	The Ins and Outs of Scholarly Publishing Finding the Right Journal for Your Manuscript & The Peer-Review Process	Universiti Malaya Library	Free
7 August	Decoding The Universe Workshop	Faculty of Science	Free
9 - 10 August	UM-AKEPT Global Series: Skills for The Workforce of The Future Conference	Universiti Malaya Centre for Civilisational Dialogue (UMCCD)	Free
11 August	Pertandingan Karya Kreatif Pelajar Universiti Malaya Tahun 2023	Student Affairs Department	Free
7 - 11 August	AUA UI-UM Deep Dive Program 2023: Asian Civilisation Understanding, Appreciating & Celebrating Asian Heritage: Uniting	Universiti Malaya Centre for Civilisational Dialogue (UMCCD)	Free
11 August	A Journey into The Effects of Asking: Insightful Questions	Faculty of Computer Science and Information Technology	Free
16 August	Eksplorasi Ajaib Di Paya Indah Wetland!	Universiti Malaya Community Engagement Centre (UMCares)	Free
18 August	Talk Series: "How to Stay Current and Publish with Data from An Old Thesis"	Faculty of Medicine	Free
18 August	Virtual Mobility Outbound Clinic	International Students & Mobility Centre	Free
22 August	CEBAR Expert Seminar Series 4/2023	Centre for Research in Biotechnology for Agriculture (CEBAR)	Free

Table: *List of public events dedicated to SDG 4 in 2023*

Date (Year 2023)	Event Title	Host	Accessibility
24 August	Program Kesedaran Inisiatif UM Open Science	Academy of Malay Studies	Free
28 August	INACE 2023 Pre-Conference	Universiti Malaya Community Engagement Centre (UMCares)	Free
28 – 29 August	Open Day @ Rumah No.2	Universiti Malaya Sustainable Development Centre (UMSDC)	Free
29 August	Research Findings Discourse: "The Impact of European/German Government Subsidies on Semiconductor Manufacturing Investment Decisions"	Asia-Europe Institute	Free
1 September	Mascot Design Competition	Pharma Society UM	Free
5 September	Human Library: Perpustakaan Rumah Kedua Saya	Universiti Malaya Library in collaboration with SEMARAK@Sains	Free
10 September	Pertandingan Mencipta Pantun Empat Kerat Tiga Rangkap Sempena Bulan Kemerdekaan Dan Hari Malaysia Peringkat HEP UM 2023	Student Affairs Department	Free
12 September	Program Baca Dan Bicara #2 "Kesejahteraan Mental Dan Sosial Melalui Pembudayaan Membaca Berkualiti"	Universiti Malaya Library in collaboration with SEMARAK@Sains	Free
13 September	The 9th MyPSA National Pharmacy Debate Competition (NPDC) 2023	Faculty of Education	Free
18 September	Sustainability@UM Session At The UM-WOW 2023/2024 Student Facilitators (Pemudahcara Mahasiswa) Final Training Course at The Auditorium of Perdanasiswa Complex (KPS)	Universiti Malaya Sustainable Development Centre (UMSDC)	Free
21 September	Shut In & Write!	Faculty of Medicine	Free
21 September	Bengkel Digital STEM & Translasi Modul STEM Ke Dalam Rancangan Pengajaran Harian	UM STEM Centre	Free
25 September	Program Menara Gading SMK Taman Tuanku Jaafar - Lawatan Ke Universiti Malaya	UM STEM Centre	Free
25 September	Seminar Pembudayaan STEM Bagi Memperkasa Masyarakat Madani	UM STEM Centre	Free
3 October	Seminar Antarabangsa Islam Dan Masyarakat Bugis Asia Tenggara	Academy of Islamic Studies	Free
5 October	Bengkel Penyelarasan Sistem Rujukan Jurnal Akademi Pengajian Melayu	Academy of Malay Studies	Free
11 October	Fenomena Ketagihan Skrin Yang Semakin Meruncing Dalam Alaf Baharu Kita	Academy of Malay Studies	Free
13 October	Budget Watch & Tea Live Streaming: National Budget 2024 Announcement	Faculty of Business and Economics	Free

Table: *List of public events dedicated to SDG 4 in 2023*

Date (Year 2023)	Event Title	Host	Accessibility
16 October	Pioneering The Cyber Frontier	Faculty of Computer Science & Information Technology	Free
16 October	Bengkel Asas Lipur Lara	Academy of Malay Studies	Free
17, 19, 26, 31 October	Workshop For Young Authors: How to Choose the Best Journals to Publish Your Manuscripts	Universiti Malaya Library	Free
17 October	Workshops For Young Authors: How to Choose the Best Journals to Publish Your Manuscripts	Collection Development Section, Digital Scholarship & Information Commons Department (Library)	Free
17 October	Seminar Taufan Al-Aqsa	Department of Islamic History and Civilisation, Academy of Islamic Studies	Free
17 October	CAS Scifinder-N Training for UM Chemistry FYP	Collection Development Section, Digital Scholarship & Information Commons Department (Library)	Free
17 October	Seminar Pengurusan Kewangan (Bijak Kewangan Keluarga Sejahtera)	Universiti Malaya Community Engagement Centre (UMCares)	Free
19 October	Workshops For Young Authors: How to Get Your Manuscript Published	Collection Development Section, Digital Scholarship & Information Commons Department (Library)	Free
19 October	Contemporary Debates on Electoral Technologies	International Institute of Public Policy and Management (INPUMA)	Free
19 October	Shut In and Write!	Faculty of Medicine	Free
20 October	Mobility Outbound Clinic	International Students & Mobility Centre	Free
23 October	Documenting Your Journey as An Educator: Where to Start?	Academic Strategic Development Planning Department (ADeC)	Free
24 October	University Presses and Scholarly Book Publishing	Faculty of Medicine	Free
22 - 24 October	Artxpression Festival - Teater: "Kenapa Kau Bayang Waktu"	Division of Counseling and Disability Empowerment, Human Resource Department	Free
24 October	Thesis Seminar Presentation by Dr. Lim Hooi Min, Department of Primary Care Medicine, Faculty of Medicine	Faculty of Medicine	Free
24 October	After Literature Review Chapter - How to Write Review Journal: Can I Use AI?	Faculty of Arts and Social Sciences	Free
25 - 26 October	International Conference on Sustainability Education Department 2023	Faculty of Education	Free
25 October	Sustainable Development Goals (SDGs) Impact Reports Syndication Workshop in Empowering Sustainability Data Reporting and Coordination	Universiti Malaya Sustainable Development Centre (UMSDC)	Free

Table: *List of Public Events Dedicated to SDG 4 in 2023*

Date (Year 2023)	Event Title	Host	Accessibility
25 October	Bengkel Tatabahasa Bahasa Melayu	Academy of Malay Studies	Free
26 October	Workshops For Young Authors: Understanding Research Metrics on Scopus	Collection Development Section, Digital Scholarship & Information Commons Department (Library)	Free
26 October	Workshops For Young Authors: Understanding Research Metrics on Scopus	Universiti Malaya Library	Free
25 - 26 October	Empowering Educators for A Sustainable Future	Faculty of Education	Free
27 October	Academia Month Celebration	Asia-Europe Institute	Free
30 October	Beyond Words: The Impact of Illustrations in Presenting Research and Science	Faculty of Medicine	Free
30 October	Program Inspirasi Motivasi Keibubapaan: Mendepani Cabaran Masa Kini	Division of Counseling and Disability Empowerment, Human Resource Department	Free
30 October	Program Bersama Selebriti - Inspirasi Motivasi Keibubapaan: Mendepani Cabaran Masa Kini	Pusat Pendidikan Awal Kanak-Kanak Universiti Malaya	Free
31 October	Workshops For Young Authors: How You Can Manage Your Author Profiles Better on Scopus	Universiti Malaya Library	Free
1 November	Law Library Open Day	Law Library	Free
2 November	Contemporary Art and Culture 〈 1 + 1 = 3 N = Now ⇌ New 》	Department of East Asian Studies, Faculty of Arts and Social Sciences	Free
2 November	Teaching Gen Z: Navigating The Social Media Era to Enhance Learning Outcomes	Academic Strategic Development Planning Department (ADeC)	Free
3 November	Researching Children: The Ethics Guidance	Universiti Malaya Research Ethics Committee	Free
2 - 3 November	Communicating Sustainability Through Science Shows Workshop	UM STEM Centre	Free
5 November	Illustrate With Entomologist	Rimba Ilmu Botanic Garden	Free
10 November	Sekitar Siri Syarahan Umum	Academy of Malay Studies	Free
11 November	Port And Pottery	Museum of Asian Arts & Art Gallery	Free
15 November	Briefing Session: Fundamental Research Grant Scheme (FRGS) 2024	Department of Research Management	Free
15 November	High-Speed Research At NCKU, Taiwan	NCKU	Free
17 November	Industry Research Career Development, The Role of The University	Faculty of Science	Free
17 November	High Impact Publication Coaching Webinar (Class 3) Thesis Literature Matrix: Litmaps.AI, Google Scholar and Literature Writing	Faculty of Arts and Social Sciences	Free

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Table: *List of Public Events Dedicated to SDG 4 in 2023*

Date (Year 2023)	Event Title	Host	Accessibility
18 November	Library Resources Discovery Workshop	Asia-Europe Institute	Free
18 - 19 November	PASUM Education Path Exposure Series 1	Promotion Unit PASUM	Free
19 November	Revolve Interaction Day 2023/2024	12th Residential College (Revolve)	Free
19 November	A Murder Mystery Explorace	IMechE University of Malaya Student Workshop	Free
19 November	Conocophillips Petroleum Geoscience Workshop	Geology Department	Free
20 November	Conversations On Leadership: Prof. Dr Jason Chuah	Faculty of Law	Free
21 November	CAM Postgraduate Symposium 2023: Advancing Materials Research	Centre of Advanced Materials, Department of Mechanical Engineering, Faculty of Engineering	Free
21 November	Sekitar Program Bicara@MEDM	Academy of Malay Studies	Free
22 November	Webinar: Making The Most of Your Evaluation 2.0 – How to Evaluate FRGS Grant Application	Department of Research Management	Free
22 November	The Future of Assessment - A Teaching and Learning Symposium	Academic Strategic Development Planning Department (ADeC)	Free
23 November	CEBAR Expert Seminar Series 6/2023	Centre for Research in Biotechnology for Agriculture (CEBAR)	Free
23 November	Human Library Talk	Faculty of Medicine	Free
23 November	Advanced Search Techniques & Resources for Systematic Review	T.J. Danaraj Medical Library	Free
23 November	Tj Danaraj Medical Library Open Day 2023	T.J. Danaraj Medical Library	Free
23 November	Customer Appreciation Day (Open Day)	T.J. Danaraj Medical Library	Free
26 November	Research Ethics Workshop: Ethical Research in Social Sciences	Universiti Malaya Research Ethics Committee	Free
27 November - 1 December	EMERALD Program: A Comprehensive Courses for New Lecturers	Academic Strategic Development Planning Department (ADeC)	Free
28 November	Stain-Free Western Blotting, Make Western Blotting Easy	Central Research Laboratories (CRL), Faculty of Medicine	Free
28 - 29 November	From Insight to Impact: Safeguarding Research at Malaysia Universities	UM Centre of Innovation and Enterprise (UMCIE)	Free
30 November	Understanding The Blockchain Ecosystem Using Internet Computers (ICP)	UM Centre of Innovation and Enterprise (UMCIE)	Free
30 November	Nanomechanical Testing and Polymeric Biomaterials Hands-On Workshop	Dental Research Management Unit, Faculty of Dentistry	Free
30 November	RESPACT Workshop: Creating an Impactful Research	Universiti Malaya Community Engagement Centre (UMCares)	Free

Table: *List of Public Events Dedicated to SDG 4 in 2023*

Date (Year 2023)	Event Title	Host	Accessibility
30 November	RESPACT Workshop: Creating an Impactful Research	Universiti Malaya Community Engagement Centre (UMCares)	Free
29 - 30 November	National Workshop on Theory and Practical Application of Impedance Spectroscopy 2023	Centre for Ionics Universiti Malaya (C.I.U.M), Department of Physics, Faculty of Science	Free
30 November	Pertandingan STEM Bersempena Sambutan Hari Profesional Teknikal Negara 2023	UM STEM Centre	Free
30 November	"Introduction To Deep Learning" Workshop	Faculty of Computer Science and Information Technology	Free
2 - 3 December	Storytelling Tools for Reporting the SDGs Workshop	Faculty of Languages and Linguistics	Free
4 December	UMTMC Script Writing Workshop	Universiti Malaya Toastmasters Club	Free
5 December	Verses And Laughter: A Workshop on Poetry and Humour in Healing	Faculty of Medicine	Free
5 December	Web Of Science Researcher Profiles	Collection Development Section, Digital Scholarship & Information Commons Department (Library)	Free
6 December	Open Educational Resources (OER) at SMU	Universiti Malaya Library	Free
6 December	Basic Statistics in The Healthcare & Biological Sciences - Made Simple	Research Training Unit (RTU), Faculty of Medicine	Free
5 - 7 December	Conference On Human Performance and Health 2023 (ICHPH 2023): Sports, Military and Anti-Doping	Faculty of Sports and Exercise Science	Free
7 December	Web Of Science & Scopus Indexed Journals: Selecting A Journal for Publication	Universiti Malaya Library	Free
8 December	Seminar On Pharmaceutical Drug Discovery with Medicinal Chemistry	Faculty of Pharmacy	Free
8 December	Third Webinar Series (NCKU Overseas Week)	Central Research Laboratories (CRL), Faculty of Medicine	Free
9 December	Excellent in "EXCEL, Learned"	Faculty of Arts and Social Sciences	Free
10 December	Foodbank Fakulti Pendidikan	Faculty of Education	Free
9 - 10 December	Program Power Up	Jabatan Dakwah & Pembangunan Insan, APIUM	Free
11 December	Technical Talk - Beyond 5G-Towards a Super Connected World in Research Perspective	Faculty of Engineering Postgraduate Club University of Malaya (FEPCUM)	Free
12 December	Web Of Science Researcher Profiles	Universiti Malaya Library	Free
13 December	Symposium On Recent Development of Novel Metformin-Based Compounds as Antidiabetic Type 2 Agents	Nanotechnology and Catalysis Research Centre	Free

Table: *List of Public Events Dedicated to SDG 4 in 2023*

Date (Year 2023)	Event Title	Host	Accessibility
14 December	Learn How CAS Scifinder-N Supports Your Research Journey	Collection Development Section, Digital Scholarship & Information Commons Department (Library)	Free
14 December	Emerald Malaysia Public Universities Online Quiz	Universiti Malaya Library	Free
13 - 14 December	Bengkel Pengurusan Tahun 2023	Faculty of Education	Free
14 December	Shakespeare & The Law: The First Thing We Do Let's Kill All the Lawyers Seminar	UM Law Society	Free
15 December	Electric Propulsion for Cube Satellite	NCKUHUB	Free
15 December	Program Bersama Alumni Fakulti Seni Kreatif Bertemakan Alumni Usahawan	Faculty of Creative Arts	Free
14 - 15 December	Natural Toxins: Biosafety And Biosecurity in Laboratory Seminar and Workshop 2023	Faculty of Medicine	Free
16 December	An Introduction to Content Analysis And (Social) Network Analysis	Asia-Europe Institute	Free
16 December	IC Packaging with The NXP Training Workshop!	IMechE University of Malaya Student Chapter	Free
19 December	Empowerment Through Eco-Crafts: A Workshop for Skill Improvement	Ungku Aziz Centre for Development Studies (UAC)	Free
20 December	Jom Mengenali Etnik-Etnik Malaysia	Faculty of Creative Arts	Free
20 December	Navigating Ableism in Healthcare	Faculty of Medicine	Free
21 December	Unearthing The Treasures of Malay World	Museum of Asian Arts & Art Gallery	Free
21 December	Manage Your Citations Using Endnote	Universiti Malaya Library	Free
21 December	Information Literacy: Skills For Researchers	Universiti Malaya Library	Free
22 December	Rumah No.2, Universiti Malaya Open Day	Universiti Malaya Sustainable Development Centre (UMSDC)	Free
22 December	Sekitar Majlis Pelancaran Buku Pulau Tiga Khazanah Melayu Perak, Sempena Majlis Anugerah Buku Negara 2023	Academy of Malay Studies	Free

Universiti Malaya's Majlis Tadarus & Khatam Al-Quran (April 2023)

The Universiti Malaya's Majlis Tadarus & Khatam Al-Quran event significantly supports SDG 4 by promoting spiritual and moral education among participants, fostering a holistic learning environment. This event brings together the university community to collectively recite and complete the Quran, emphasising the values of knowledge, unity, and personal development. It serves as an opportunity for students and staff to engage in lifelong learning, enriching their spiritual and ethical understanding while strengthening communal bonds. Furthermore, the first 300 participants received a copy of the Holy Quran, door-gift, and certificate of participation, ensuring that educational resources are distributed equitably among participants.

Poster for Universiti Malaya's Majlis Tadarus & Khatam Al-Quran event
(Source: UM Academy of Islamic Studies)

Empowering Eloquence: Be Seen, Be Heard, Be Felt (December 2023)

On 15 December 2023, the Faculty of Business and Economy (FEA) and partners hosted a transformative talk and engagement session by Datuk Professor Adjunct Aznil Haji Nawawi titled "Empower Eloquence: Be Seen, Be Heard, Be Felt". This event, aligned with SDG 4, focused on promoting lifelong learning by enhancing communication skills essential for impactful expression. It was designed for both students and staff of Universiti Malaya, ensuring broad participation. Participants explored the art of effective communication and left inspired to apply these skills in their personal and professional lives. E-certificates were provided, encouraging continued development and engagement in educational growth opportunities.

Poster for "Empowering Eloquence: Be Seen, Be Heard, Be Felt"
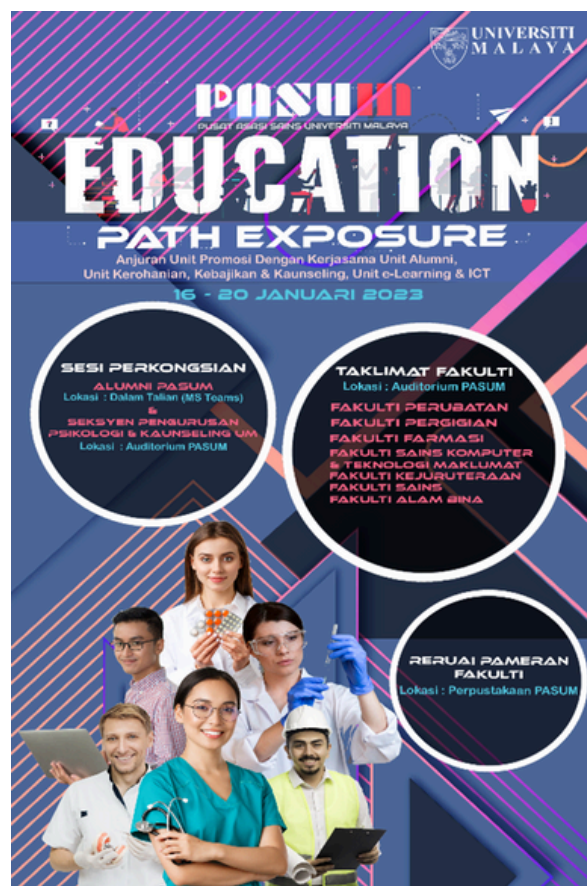*(Source: UM Accounting Club)*

PASUM's Education, Path Exposure (January 2023)

The Centre for Foundation Studies in Science (PASUM)'s Education, Path Exposure 2023 is an open program designed for foundation students, aimed at providing exposure to the quality education available through Bachelor's Degree programs offered by Universiti Malaya via the Open Channel.

Saluran Terbuka UM (SATU), also known as Universiti Malaya's Open Channel, is a distinctive admission pathway that caters to Malaysian students aspiring to pursue Foundation or Bachelor's Degree programs at Universiti Malaya (UM).

This initiative aims to offer opportunities for highly qualified students to enroll in UM's recognised, high-quality programs across various academies, faculties, and institutes. This aligns with the country's vision to foster knowledge, creativity, and innovation, while cultivating a first-rate mindset. It also supports the goal of developing world-class human capital, contributing to Malaysia's pursuit of achieving high-income status.

SATU offers a diverse range of Bachelor's Degree programs through up to 15 academies, faculties, and centers at Universiti Malaya, ensuring that students have access to a broad spectrum of quality educational opportunities.

Poster for Centre for Foundation Studies in Science (PASUM)'s "Education, Path Exposure 2023" (Source: PASUM)

Algae in the Wonderland by ACSUM (May 2023)

The American Chemistry Society (ACS@UM) hosted a day of public event titled "The Curious Chemistry of Amazing Algae", inviting participants to dive into a world of discovery with interactive activities and exhibits designed to explore the fascinating world of algae.

This event was organised at the Chemistry Department, Faculty of Science Universiti Malaya on 12 May 2023, promoting scientific literacy and engagement among the community. By facilitating hands-on learning experiences, the event contributes to SDG 4 by providing quality education and fostering an environment that encourages curiosity and critical thinking.

Poster for "The Curious Chemistry of Amazing Algae" event (Source: ACS UM Student Chapter)

PASUM ALUMNI SHARING: One Step Closer (January 2023)

The PASUM Alumni Sharing Session is an event designed to connect current students with former PASUM (Pusat Asasi Sains Universiti Malaya) alumni, providing an invaluable opportunity for knowledge exchange and mentorship.

Alumni from various fields share their experiences, insights, and career paths, offering guidance and inspiration to students navigating their academic and professional journeys. The session aims to foster a supportive network, enhance students' understanding of potential career opportunities, and motivate them to achieve their goals. By emphasising mentorship and networking, this initiative directly supports SDG 4 by ensuring inclusive and equitable quality education and promoting lifelong learning opportunities for all. It is a valuable platform for building connections and learning from the success stories of PASUM graduates.

This free and accessible event is hosted over five (5) days based on the following series: Faculty of Medicine, Dentistry and Pharmacy; Faculty of Engineering; Faculty of Built Environment; Faculty of Science; and Faculty of Computer Science and Information Technology

Above: *Posters for PASUM Alumni Sharing Session (Source: PASUM)*

Executive Education Programs and Vocational Training

In addition to its formal educational programs, Universiti Malaya through UM Centre for Continuing Education (UMCCed), also offers a diverse range of executive education programmes and vocational training to support lifelong learning and skills development for all individuals. These offerings include both scheduled and ad-hoc short courses aimed at the public, ensuring accessibility to quality education beyond traditional university attendees.

Below: *List of 44 programmed professional courses and certification offered by UMCCed*
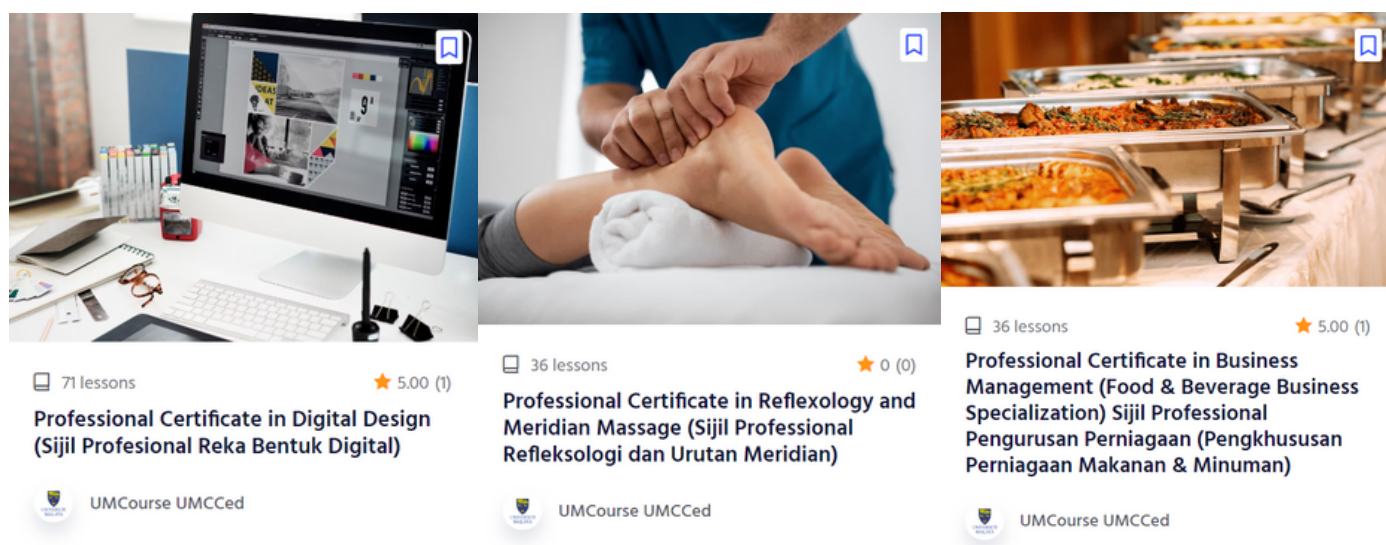

📱 71 lessons   ⭐ 5.00 (1)

Professional Certificate in Digital Design (Sijil Profesional Reka Bentuk Digital)

UMCourse UMCCed

📱 36 lessons   ⭐ 0 (0)

Professional Certificate in Reflexology and Meridian Massage (Sijil Professional Refleksologi dan Urutan Meridian)

UMCourse UMCCed

📱 36 lessons   ⭐ 5.00 (1)

Professional Certificate in Business Management (Food & Beverage Business Specialization) Sijil Professional Pengurusan Perniagaan (Pengkhususan Perniagaan Makanan & Minuman)

UMCourse UMCCed

Table: *List of UMCCed's Programmed Professional Courses and Certification*

No.	Name of professional courses	Number of lessons	Mode
1	Competency Certificate Children's Storybook Writing	36	Online Self-Paced Learning
2	Competency Certificate on Video Editing using Filmora	50	Online Self-Paced Learning
3	Competency Certificate on Pastry	33	Physical
4	Competency Certificate on Carpentry Art	40	Physical
5	Competency Certificate on E-Book Design	26	Online Self-Paced Learning
6	Competency Certificate on Traditional Chinese Medicine	26	Online Self-Paced Learning
7	Competency Certificate on Essential Oil Expert	48	Physical
8	Protected Professional Certificate in European Law	55	Physical
9	Professional Certificate on Digital Entrepreneurship	60	Online Self-Paced Learning

Table: *List of UMCCed's Programmed Professional Courses and Certification*

No.	Name of professional courses	Number of lessons	Mode
10	Competency Certificate on Canva	30	Online Self-Paced Learning
11	Professional Certificate in International Criminal Law	64	Online Self-Paced Learning
12	Certificate for Higher Order Thinking Skills with 21st Century Pedagogy	60	Online Self-Paced Learning
13	Professional Certificate in Business Management (Food and Beverage Business Specialisation)	36	Physical
14	Professional Certificate in Business Management (Tourism Services Specialisation)	36	Online Self-Paced Learning
15	Professional Certificate in Business Management (Retail Specialisation)	36	Online Self-Paced Learning
16	Paralegal (Civil)	72	Online Self-Paced Learning
17	Professional Certificate in Law Firm Management	37	Online Self-Paced Learning
18	Professional Certificate in Secretarial Law Firm	60	Online Self-Paced Learning
19	Professional Certificate in Academic Writing	36	Online Self-Paced Learning
20	Professional Certificate in Digital Design	71	Online Self-Paced Learning
21	Professional Certificate in Big Data Analytics	42	Online Self-Paced Learning
22	Professional Certificate for English Language Proficiency on Dakwah Purposes	36	Online Self-Paced Learning
23	Professional Certificate in Body Language and Emotional Intelligence	36	Online Self-Paced Learning
24	Professional Certificate in Takaful Agent and Financial Consultant	60	Online Self-Paced Learning
25	Professional Certificate in Banking Legal Practice	55	Online Self-Paced Learning
26	Professional Certificate in Psychology and Stress Management (Art Therapy)	52	Online Self-Paced Learning
27	Professional Certificate in Acting Arts	41	Online Self-Paced Learning
28	Professional Certificate in Production and Commercialisation of Own Brand Cosmetics	53	Online Self-Paced Learning
29	Professional Certificate in Leadership and Strategic Planning	42	Online Self-Paced Learning
30	Professional Certificate in Business Analytics	37	Online Self-Paced Learning
31	Professional Certificate in Project Management	37	Online Self-Paced Learning

Table: *List of UMCCed's Programmed Professional Courses and Certification*

No.	Name of professional courses	Number of lessons	Mode
32	Professional Certificate in Legal Practice and Latest Technology	62	Online Self-Paced Learning
33	Professional Certificate in Digital Youth and Character Building	54	Online Self-Paced Learning
34	Professional Certificate in Management of Educational Institution	61	Online Self-Paced Learning
35	Professional Certificate in Business Management (Hospitality Services Specialisation)	36	Online Self-Paced Learning
36	Professional Certificate in English Creative Writing	36	Online Self-Paced Learning
37	Professional Certificate in Social Media Creative Content Creator	99	Online Self-Paced Learning
38	Professional Certificate in Film, Drama and Society Studies (Contemporary Malay Specialisation)	40	Online Self-Paced Learning
39	Professional Certificate in Reflexology and Meridian Massage	36	Online Self-Paced Learning
40	Professional Certificate in Film, Drama and Society Studies (Bollywood Specialisation)	81	Online Self-Paced Learning
41	Professional Certificate in Digital Marketing	36	Online Self-Paced Learning
42	Professional Certificate in Film, Drama and Society Studies (Hollywood Specialisation)	47	Online Self-Paced Learning
43	Professional Certificate in Film, Drama and Society Studies (Japan and Korea Specialisation)	40	Online Self-Paced Learning
44	Professional Certificate in Image and Self-Influential Management	60	Online Self-Paced Learning

Category: Ad-hoc

Ad-hoc short programs are specifically designed to support lifelong learning, primarily in a self-paced format, available either online, face to face, or in hybrid modes. These programs focus on enhancing professional skills and knowledge, catering to the diverse needs of individuals and organisations.

They provide flexible, practical training across various fields such as leadership, management, technology, and vocational skills, enabling participants to remain competitive and up to date in their respective industries. Additionally, these programs are aligned with current industry demands, ensuring relevance and applicability in today's fast-evolving job market.

Above: *Ad-hoc courses offered by UMCCed*

Table: *List of 15 ad-hoc short courses offered by UMCCed*

No.	Name of short courses	Information	Mode
1	Business English Communication	To give an overview of the Basic Introductory English Course for working adults who wish to improve their English proficiency.	Online
2	Personal Enhancement in Academic Research (PEAR)	Comprehensive course designed to provide Master's and Ph.D. students with knowledge, skills and support necessary to excel in their academic research journey.	Online
3	AI Entrepreneurship	Business model canvas, zero-cost digital marketing, revolutionising copywriting, Canva and Google Website.	Physical

Table: *List of 15 ad-hoc short courses offered by UMCCed*

No.	Name of short courses	Information	Mode
4	UMX-CORE	A low code platform that makes AI works for robotics and automation.	Online & Physical
5	Early Child with Special Need Seminar Series	To train individual in providing education and care for the children with special need, which include pedagogical skills, intervention strategies, social emotional support needed.	Physical
6	Basic Counselling at Workplace Courses Series	To equip participants with basic counselling knowledge and skills at workplace environment.	Online
7	Digital Marketing Zero to Hero	To equip participants with digital marketing knowledge, skills and resources.	Online
8	Psychological First Aid (PFA) Basic Skills	To equip participants with knowledge, skills and strategies in handling traumatic cases, while aiming towards well-being of the traumatic victim.	Physical
9	UM - NEXT	New education exploration and transformation program designed for students aged 16 to 21, with the aims to equip them with the knowledge and skills essential to achieve the demands of the present era.	Online & Physical
10	UM SEED	Skills Transformation in Enhancing Competence and Confidence in the Industrial Revolution 4.0 Era.	Physical
11	Preparation for Retirement: Financial and Psychology	Society perception, retirement reality, necessary preparation, psychological factors, financial factors, the dream retirement.	Online
12	Applied Communication Skills with Natural Language Processing (NLP)	NLP is a subfield of computer science and artificial intelligence (AI) that uses machine learning to enable computers to understand and communicate with human language.	Online
13	Coaching and Mentoring for Leader	Executives will adopt and adapt to new cultures, different environments, and to assimilate and move forward in the role of human capital development.	Physical
14	Practical Sales and Marketing Strategies for Micro, Small and Medium Enterprises (MSMEs)	To help MSMEs understand the fundamentals of sales, focuses on target audience analysis, to craft compelling value propositions, and to implement effective marking strategies.	Physical
15	Advanced Communication and Language Skills for Academic Success	Academic Writing and Research, Presentation Skills and Public Speaking, Advanced English Grammar and Vocabulary	Online & Physical

Education Outreach Activities Beyond Campus

SDG 4, prioritise the provision of inclusive and equitable learning opportunities for all individuals, particularly those in underserved communities. These activities include community engagement programs, educational workshops, and training sessions targeting underprivileged groups, rural communities, and marginalised populations.

UM actively collaborates with schools, NGOs, and local organisations to enhance literacy, digital skills, and vocational training. By extending educational resources and expertise beyond the campus, UM aims to empower individuals and promote lifelong learning, ensuring access to high-quality education for diverse communities and fostering a culture of continuous learning.

Table: *List of education outreach activities beyond campus carried out in 2023*

No.	Name of outreach activities	Host
1	Toying With Science-Student Outreach with STEM Inspired Social Innovation	UM Community Engagement Centre (UMCares)
2	Universiti Malaya Wellbeing Program – Indraloka Community Outreach 1: Low-income Urban Community (LIUC) Health Empowerment: The Key to A Healthier Nation	UM Community Engagement Centre (UMCares)
3	Universiti Malaya Wellbeing Program – Indraloka Community Outreach 2: Fardhu Ain Tiered Program (FAB) Among B40 Student	UM Community Engagement Centre (UMCares)
4	Universiti Malaya Wellbeing Program – Indraloka Community Outreach 3: Earning Science Through Integrated STEM Activities	UM Community Engagement Centre (UMCares)
5	Universiti Malaya Wellbeing Program – Indraloka Community Outreach 4: Knowledge Exchanges Programme: Module 'CAKNA' and the Use of Information Communication and Technology (ICT) to Improve Reading And Writing Literacy in Malay Language Among B40 Youths	UM Community Engagement Centre (UMCares)
6	Universiti Malaya Wellbeing Program – Indraloka Community Outreach 5: The Development of The English Language Learning Recovery (E.L.L.E) Module to Mitigate Learning Loss Among ESL Students	UM Community Engagement Centre (UMCares)
7	Health is Wealth: Healthy Aging for Senior Citizens of Petaling Jaya Outreach 1: Introducing Walking Football for Seniors Among the Community	UM Community Engagement Centre (UMCares)
8	Health is Wealth: Healthy Aging for Senior Citizens of Petaling Jaya Outreach 2: Financial Literacy and Wellbeing for Healthy Ageing- Community Advisory Clinic	UM Community Engagement Centre (UMCares)
9	Remade 1.0 Remaja Masa Depan (Future Youth) with Sekolah Menengah Kebangsaan (Perempuan) Titiwangsa	Twelve Residential College UM
10	Elite Enhancing Future Leader with Sekolah Kebangsaan Putrajaya Presint 9 (1)	Twelve Residential College UM
11	Clean Coastal Project in Collaboration with Royalcares	Twelve Residential College UM
12	Volunteering Project @ Soup Jinjang Kitchen	Second Residential College UM
13	Communicating Sustainability through Science Shows Workshop in collaboration with National Science Centre	UM STEM Centre
14	Road to University: Program Menara Gading Sekolah Menengah Kebangsaan Taman Tuanku Jaafar – Visit to Universiti Malaya	UM STEM Centre
15	Knowledge Transfer Program: SDG Literacy for Low-Cost Housing Project Community (PPR Kerinchi) – Rainwater Harvesting System for Urban Community Garden	Water Warriors & Faculty of Engineering
16	Student Mobility Program: UM x TELKOM University, Bandung	International Students & Mobility Centre (ISC)

Toying With Science - Student Outreach with STEM Inspired Social Innovation

The declining interest in Science, Technology, Engineering & Mathematics (STEM) among students is a global concern that threatens nations' competitiveness in an ever-changing marketplace. The decreasing enrolment in STEM fields at both high school and university levels is often linked to a lack of excitement and feelings of inferiority toward STEM subjects. In this project, UM volunteers utilises toys to incorporate design thinking, providing excellent learning opportunities for student to see science in action. A team of UM students and lecturers co-developed science-annotated learning modules using toys (in the form of a Science Kit) that serve as teaching aids for Science subjects in lower secondary and primary classes. The kit includes lessons and learning activities related to toys, offering students the opportunity to learn science through an integrated approach. Experiential learning activities were carried out using these modules with participation from young learners, monitored by teachers and volunteers. Six schools, with a total of 11 teachers and 198 pupils, engaged in these activities.

Top: UM volunteers engaging students with science modules using educational toys, fostering experiential learning
Bottom: A captivating moment from the interactive theatre session at Sabah

Interactive Theatre: A New Way for Rural Children to Learn Better

Interactive theatre has been introduced as an innovative educational method aimed at improving learning outcomes among children in rural Malaysia, where access to additional educational resources is limited. Research conducted by Dr. Marlenny Deenerwan from Universiti Malaya focused on using this approach at Sekolah Kebangsaan Pekan, a school in the rural district of Ranau, Sabah, involving 60 low-achieving Level 1 students.

The study sought to transform traditional teaching methods by integrating drama activities such as storytelling, puppet theatre, and readers' theatre, facilitated by professional actors. Findings revealed that these previously "passive" students became active participants, utilising their creativity and critical thinking skills in interactive settings.

The immersive nature of the theatre broke down barriers, allowing children to explore and express themselves, ultimately enhancing their learning experience. Despite initial scepticism from teachers due to a lack of exposure to performing arts, they gradually recognised its potential. The project proposes expanding the model to more schools to refine the methodology and demonstrate its effectiveness to the Ministry of Education for broader implementation. By integrating play into learning, interactive theatre encourages children to learn in a fun and engaging way, helping them realise their academic potential.

Source:
https://www.umresearchbulletin.com/post/interactive-theatre-a-new-way-for-rural-children-to-learn-better

Health is Wealth - Healthy Ageing for Senior Citizens of Petaling Jaya

Malaysia entered an ageing society in 2020 and is expected to become a super-aged community by 2056. According to the World Health Organisation (WHO), an ageing society is that in which seven per cent of the population is 65 years and above. The elderly population in Malaysia is defined as persons aged 60 years and above. In Malaysia, the retirement age is between 56 to 60 years old, while some may opt for early retirement, and others may continue to work actively beyond the retirement age. Both the elderly and their caregivers need to be empowered for better healthcare provision and delivery. Issues related to the elderly are commonly categorised into five areas: health, economic stability, cultural engagement, psychological well-being, and social inclusion. In the recent budget 2023, there was insufficient allocation for age-friendly facilities or infrastructures, as well as tax incentives for caregivers of the elderly.

This program encompasses three initiatives focusing on bio-psycho-social support and financial well-being for the elderly population in Petaling Jaya. In alignment with UM's tagline, "Serving the Nation, Impacting the World", this program aims to assist the community nearest to the campus, Petaling Jaya, specifically, the elderly group.

The program aims to achieved the following outcomes:

- Increased physical activity leading to improvements in self-confidence, joint mobility, and reduced loneliness and social isolation.
- Enhancement of the frailty index, contributing to improved health and well-being.
- Improvement in the happiness index, resulting in decreased loneliness, stress, and depression.
- Empowerment of participants to apply mindfulness training and Cognitive Behavioural Therapy (CBT) for self-care.
- Training of trainers for CBT and mindfulness, enabling replication within families and other communities by NGOs and stakeholders.
- Enhanced knowledge and self-awareness of financial independence, safety, and expenditure management.

Collaboration with local authorities, healthcare providers, and social organisations will be crucial for the success and sustainability of this program. Regular assessments and feedback from program participants will help to fine-tune the initiative to meet their evolving needs and preferences as they age.

Left: A Walking Football friendly match, one of the signature outreach projects under UMCares' Health is Wealth initiative
Right: The Financial Management Seminar for Retirees and Future Retirees, also part of the Health is Wealth program

## Lifelong Learning Access Policy

Under the Education Pillar of Universiti Malaya Sustainability Policy 2021-2030 (reviewed in September 2023), the University is committed to ensuring that all learners, including remote or long-distance learners, have access to educational resources and support systems needed to acquire the knowledge and skills essential for promoting lifelong learning and sustainable development, including, among others, through education for sustainable development. This includes, but is not limited to, education for sustainable development, human rights, gender equality, the promotion of a culture of peace and non-violence, global citizenship, and an appreciation of cultural diversity and its contributions to sustainable development. Lifelong Learning in Universiti Malaya caters to both students and staff.

For Universiti Malaya staff, the Staff Empowerment Program (*Program Pemerkasaan Staf Universiti Malaya*) was initiated by the Human Resources Department in Session 2021/2022 academic year for Executive Staff (Grade 41 to 48) from all departments. In 2023, this program has been extended to support the broader staff group (Grade 29 – Operational Staff), aiming to promote lifelong learning and offering opportunities through a degree stacking program for staff to pursue higher degrees. Selected staff enrolled in this program are offered a waiver for course fees for one semester. This initiative is supported by the Human Resources Department in partnership with the Deputy Vice-Chancellor (Academic and International).

The program offers undergraduate and postgraduate courses provided by each Academic Responsibility Centre (PTj) divided into four clusters:

- Administration and Management - Focuses on management and administrative skills to improve organisational efficiency.
- Finance - Covers aspects of financial management and accounting to strengthen staff proficiency in this field.
- Technical - Courses that emphasise the technical skills required to perform specific tasks.
- Language and Communication - Aims to improve language and communication skills, which are essential for effective interaction in the workplace.

Lifelong learning opportunities for UM community and the public are also offered through Massive Open Online Courses (MOOC) called Microcredentials@UM via the FutureLearn platform, with a total of 42 courses developed by Universiti Malaya. The Academic Strategic Planning Department (ASPD) reported that in the 2023/2024 academic session, a total of 25,057 participants have registered and completed the courses offered.
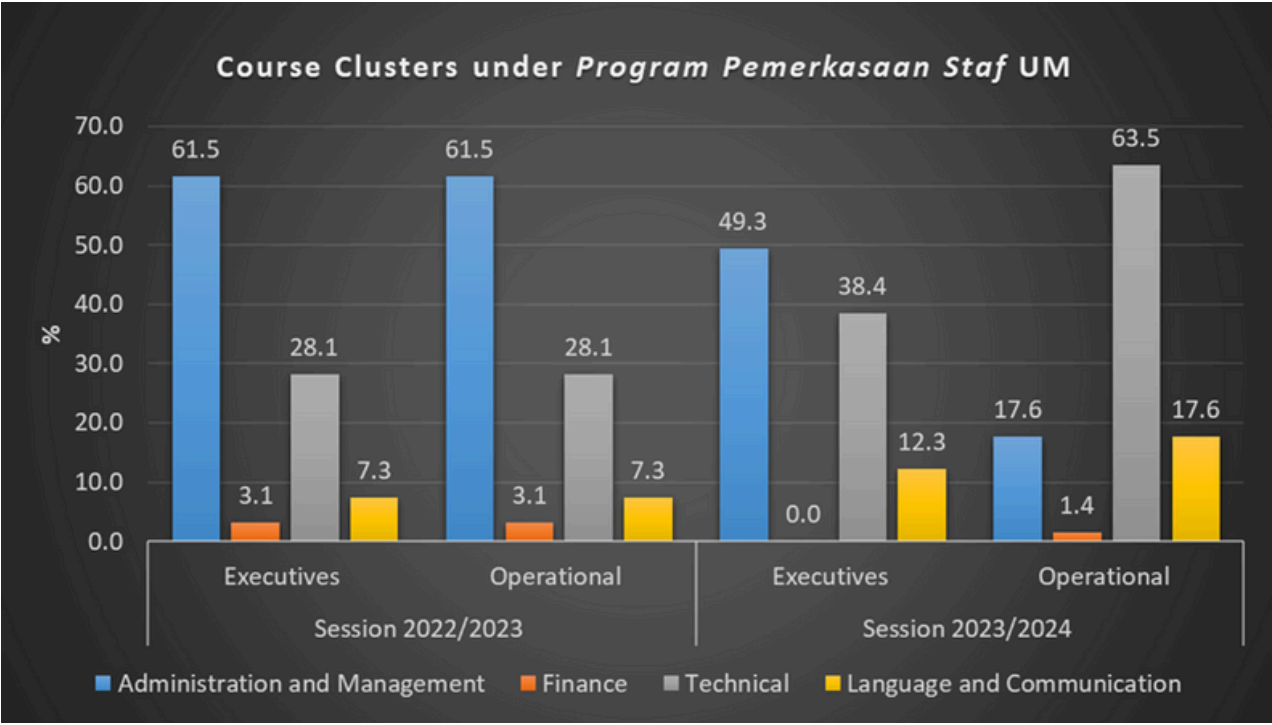
Above: *The graph for course clusters under the UM Staff Empowerment Program*
Below: *Table for course clusters under the UM Staff Empowerment Program*

Course clusters	Session 2022/2023		Session 2023/2024	
	Executive	Operational	Executive	Operational
Administration and Management	61.5%	61.5%	49.3%	17.6%
Finance	3.1%	3.1%	-	1.4%
Technical	28.1%	28.1%	38.4%	63.5%
Language and Communication	7.3%	7.3%	12.3%	17.6%
Total (Percentage & Number of Staff)	100%	100%	100%	100%
	288	104	73	74

Proportion of First-Generation Students

PROPORTION OF FIRST-GENERATION STUDENTS
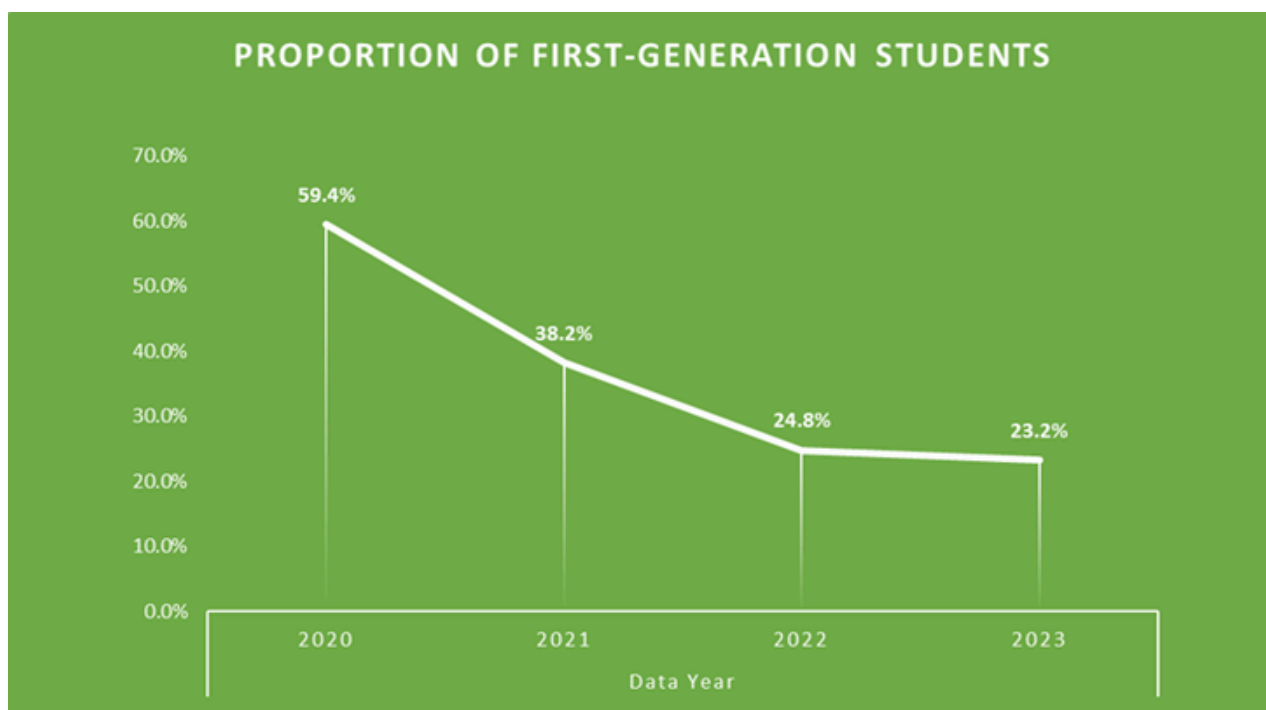
Above: A graph showing the proportion of first-generation students at Universiti Malaya, comparing data from 2020 to 2023
(Source: Universiti Malaya Academic Portal)

The Universiti Malaya (UM) demonstrates its commitment to inclusive education by supporting first-generation students, a key disadvantaged group. Although the proportion of first-generation students has gradually decreased from 59.4% in 2020 to 23.2% in 2023, UM continues to ensure that no group is left behind in accessing higher education opportunities, reflecting UM's dedication to fostering educational equity and diversity.