

Sustainable Cities and Communities

Make cities and human settlements inclusive, safe, resilient and sustainable.



Di Mana Bumi Dipijak, Di Situ Langit Dijunjung

SDG 11, which focuses on creating inclusive, safe, resilient, and sustainable cities and communities, is deeply reflected in the Malay proverb "Di mana bumi dipijak, di situ langit dijunjung," meaning wherever we live, we respect and uphold its customs and responsibilities. This proverb reminds us to honour and care for the place we inhabit by acting responsibly and respectfully towards both the environment and the community.

At UM, this principle is embodied through initiatives such as sustainable campus design, heritage conservation, inclusive public spaces, and green mobility systems. These efforts demonstrate how UM values the natural, cultural, and social environments it inhabits. By fostering a sense of place-based responsibility, the university actively contributes to building a sustainable and liveable future in line with the vision of SDG 11.



Preserving Culture, Advancing Sustainable Development

As reflected in the 17 SDGs goals, sustainability transcends the notion of environmental conservation, it constitutes every aspect of life—our living spaces, lifestyles, expression of arts, among others. Universiti Malaya (UM), as the nation's foremost knowledge producer, has the responsibility to harmonise between scientific and scholarly discovery, with the preservation and promotion of the Malaysian rich cultural heritage. This commitment echoes the spirit of SDG 11: Sustainable Cities and Communities, which emphasises on building inclusive, safe, and resilient communities, capable of tackling contemporary global challenges, while providing an optimum environment for growth.

With the university being located at the heart of bustling urban progress, it is imperative for UM to spearhead the transformational journey, serving as the model for university-community partnership, brokering solutions for common urban challenges, including housing, connectivity, green spaces, climate resiliency, etc. Through strategic investments and enabling policies, UM continues to innovate ways to create a community-centered learning hub that is driven by modern technology yet grounded on the preservation of local culture and traditions for all.



Our Contribution to National Arts and Heritage

UM, since its founding in 1905, was present and engaged in every step of the country's development, serving as the vessel for civilisational progress for Malaysia. This proud institution is a living embodiment of the unwavering pursuit of human excellence, driven by the ethos of "Ilmu Puncha Kemajuan" or "knowledge is the source of progress". With every turn of the year, with every batch of graduating seniors, and initiating juniors, UM stood the test of time, a testament of national resolve. Therefore, with the collective wisdom and legacy of its

predecessors, it is only natural that UM contributes to the preservation and promotion of national arts and heritage through academic consultations, expertsharing, research projects, and arts performances— the UM community is well regarded in this aspect for its professional production value, especially during the annual Festival Seni Universiti Malaya (FESENI) and Karnival Teater Universiti Malaya (KARVITER) which showcases students' ingenuity and aptitude for arts and heritage performances.

Uplifting Cultural Identity

Bicara Tokoh Seni Budaya

In supporting the propagation of arts and culture initiatives on campus, Universiti Malaya, in collaboration with the National Department of Culture and Arts (JKKN) had organised "Bicara Tokoh Seni Budaya" on 5th November 2024 at the Experimental Theatre, Universiti Malaya. It is an educational forum focusing on the advancing digital arts in the local arts scene. Present were representatives of the academic, media and communication, and prominent arts practitioners. The forum highlighted the reality of the local arts industry, and the needs for future-driven policies to create a resilient creative arts scene. The forum was also graced by Malaysia's National Songstress (Biduanita Negara), Dato' Sri Siti Nurhaliza, who left the audience mesmerized with pieces of her iconic songs.







Above: Highlights of the <u>academic excursion</u> hosted by the Department of Building and Surveying, Faculty of Built Environment in 2024



Above: Highlights of the <u>"Bicara Tokoh Seni Budaya"</u> held on 5th November 2024

Learning Beyond the Classroom

Humans learn best by doing—learning becomes fun, memorable, and impactful when theories are put into practice and mistakes are made and ratified. This is the design philosophy behind most courses in Universiti Malaya, in support of its educational goals. In realising this vision, the lecturers from the Department of Building Surveying, Faculty of Built Environment, embedded the practical aspect of learning in their teaching and learning processes. As part of their curriculum, "Heritage Building Measurement and Analysis", undergraduate students embark on an academic excursion to study heritage buildings in the region. In 2024, the class visited Langkawi Island in Kedah, an island rich with cultural and historical significance of the ancient maritime kingdom of Langkasuka, tracing its origin to the 14th Century CE. This excursion not only provides academic insights, but fosters deep appreciation for history, culture, and human spirit, each necessary to support individual personal and professional development.

Arts Performance

Arts and culture go beyond creative expression and interpretation of life phenomenons, it represents the identity of a community. As the beacon of civilisation progress, UM takes on the duty of preserving and promoting the unique and rich Malaysian cultures for the present-and-future generations to enjoy. It achieves this mission by organising a series of arts and

culture showcases to hone the craft and foster understanding and appreciation to our local history and traditions. The Faculty of Creative Arts, Universiti Malaya, have been championing this effort by arranging impactful and refreshing showcases throughout the year in the form of drama, dance, music, and visual arts.

Drama Production

Annually, the UM Drama Department will screen a theatre production as part of their curriculum. The year 2024 saw the production of "Wanita dan Senjatanya" performed. The production is an interpretation and adaptation of "Fefu and Her Friend", a modern American play depicting the story of a group of friends exploring women's issues and concerns. One unique aspect of the production is it features an all-female cast. With preproduction works starting in late 2023, the show successfully wrapped up with its last performance at the Experimental Theatre on 6th February 2024.



Above: "KESUMA & UMa Dance Showcase 2024/2025 Semester 1" promotional poster









Above: Highlights of the "<u>Wanita dan Senjatanya"</u> Drama Production held on 6th February 2024

Dance Show

The UM Dance Department houses several dance companies and ensembles. Among the major ones is KESUMA which was initially formed by a group of Universiti Malaya students in 1971 to promote traditional Malay dances on campus. In 2005, it was formally adopted as the Faculty of Creative Arts' traditional dance ensemble and integrated into the Bachelor of Dance's curriculum. The other major ensemble is Uma, established by the faculty in 2007 to provide dance students with a platform to showcase contemporary works featuring innovative and challenging choreography. Since its formation, the group has grown into a wellseasoned performance group recognised in the industry. Throughout the year, the groups had been involved in performances both inside and outside the university.





One of the major events held by the UM Dance Department is the KESUMA and UMa Dance Showcase. This annual event marks the first performance for the year 2024, which encapsulates the rigorous lessons the students went through in completing their first semester. It features repertoires, choreographies, and classwork learned by students throughout the semester. The KESUMA segment, accompanied by live music, showcases six types of dance genres, highlighting the diversity of Malaysian dances, including Malay classical dance, Malay folk dances, Chinese folk dance, Indian folk dance, and ethnic dances from Sabah and Sarawak. The UMa segment includes seven dances, including Teringkas Tawas, Jazz, and five contemporary dances.

Celebrating the completion of study for final year undergraduate students, the faculty had organised a graduation performance where the students could display the results of their study. The event, named <u>UMotion</u>, features 7 performance track students and 1 choreography track student, presenting a diverse array of 12 dances encompassing classical and contemporary dances. The event, which was held on the 17th of May 2024 at the Experimental Theatre marks the end of their students' journey, where they would move on to contribute to the development of the local arts scene.



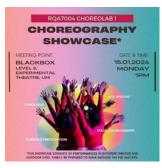
Dance showcase organised in celebration of International Dance Day. Offering Malay Folk Dance Workshop for visitors.



Festival Tari Malaysia, translated into Malaysian Dance Festival, was held in promoting the various dance forms all around Malaysia.



The event presents a graduation dance performance by two Master of Dance students which includes a double-bill dance performance.



This showcase will display choreographic explorations of the first-year master's students that comprise dance films, site-specific, and stage choreographies.



Presented in partnership with the Faculty of Music and Performing Arts, Universiti Pendidikan Sultan Idris. These works are derived from and inspired by the Ajat dance of the Iban people

Music Showcase

Another pillar in the Faculty of Creative Arts is the Music Department. Established in 1997, it is one of the core programmes in the faculty. The programme aims to develop students' musical craft and creativity in performance and theoretical studies in related domains. As part of the programme structure, performances are held to equip the students with the skills and experience of performing in front of a live audience.



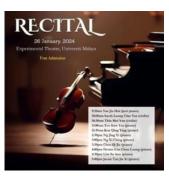
Above: "<u>Universiti Malaya Music Showcase</u> 2024 - <u>Wonderland</u>" promotional poster



Above: Highlights of the Universiti Malaya Wonderland Music Showcase 2024, photo credit: @winz_01.jpg

One of the annual events in the UM Music Department is its music showcase. It comes back in the year 2024 with the theme of "Wonderland", where listeners will embark on a journey accompanied by a magical musical landscape. It was successfully held for two days from the 8th to the 9th of May 2024 at the Experimental Theatre. The performance saw a range of diverse lineups from solo performances to ensembles, ready to captivate the listeners as they groove through the night.

There are also other events conducted by the department, including:



Mini Recital performed by 11 recitalists. In preparation for graduation recitals.



<u>Graduation Recitals</u> for 11 recitalists, for taking place at the Experimental Theatre on June 24-25 as part of study completion.



In celebration of National Day, a collaboration between <u>UM Symphony</u> <u>Orchestra</u>, Faculty of Creative Arts and Malaysia Airport Holdings Berhad was held 31st August 2024.



Visual Arts

Visual arts serve as a vital medium for creative exploration and cultural expression within Universiti Malaya through diverse forms ranging from painting, sculpture, and photography to digital media. It fosters intellectual curiosity, critical reflection, and innovation among students and the wider campus community. They not only enhance aesthetic appreciation but also act as a platform for dialogue, allowing individuals

to interpret and express social realities, values, and aspirations. In embracing both tradition and modernity, Universiti Malaya continues to cultivate a dynamic environment where the visual arts contribute meaningfully to Malaysia's broader cultural and creative landscape. With this aspiration, several arts showcases have been organised for the campus community and the public alike to revel in.







A collaboration between Universiti Malaya and Universitas Brawijaya showcasing a collection 1000+ postcards from Indonesia.



This event featured insightful Artist Talks and a remarkable Open Gallery, showcasing artworks that explored the fusion of Art, Science, and Technology.





Counter Clockwise: Highlights of the "Surfers of Time: The Intersection of Art, Science and Technology" forum

A Safe Space For Self-Expression Through Arts

Though the Faculty of Creative Arts plays a pivotal part in promoting arts and culture on campus, they are not the only one with this commitment. Within the student community, the Student Affairs Department has been active in organising events to enculturate the appreciation of the arts. Annually, there are two major events where students can showcase their performances, which are Festival Seni Universiti Malaya (FESENI) and Karnival Teater Universiti Malaya (KARVITER).

Universities as institutions should not be constrained to teaching and research only; instead, it should be a place where students can develop holistically. These events embodied that spirit by providing a platform where students could display their creative spirit through a healthy competition.

Below: A snapshot of the <u>"Orang Asing"</u> theater production for Karnival Teater Universiti Malaya (KARVITER) 2024



Festival Seni Universiti Malaya

The year 2024 featured a total of fifteen categories encompassing singing, dancing, band performances, poetry recitals, and traditional arts. The <u>festival</u> took place over two weeks, from 6 to 9 May 2024, celebrating the diverse artistic talents within the university community. The highlight of the event was the final night, where winners from each category captivated the audience with their remarkable performances. The overall champion for this year's edition was the 12th Residential College.

Karnival Teater Universiti Malaya

The 2024 edition of KARVITER saw participation from 9 theatre companies aiming to bring glory to each Residential College. The two weeks concluded on the 5th of May 2024, where Royal Aslara Production from the 12th Residential College was announced as the winner. Their stage production, "Deja Vu Seorang Perempuan," portrayed the experiences of individuals confronting social prejudice while striving to build meaningful lives. The performance centred on the story of an immigrant couple navigating the challenges of resettlement in a foreign land, capturing the emotional and social hardships that accompany displacement and the search for belonging.



UM Students: Academically Driven, Culturally Engaged



































Above: Highlights of the "An Evening with Universiti Malaya Symphony Orchestra & Azman Hashim" held on 8th October 2024, photo credit: @simpolenn

UM Symphony Orchestra

The Universiti Malaya Symphony Orchestra (UMSO) history began in the late 1990s when the Cultural Centre of UM experienced a paradigm shift from its nature as a cultural event management and service centre to an academic entity. This shift then led to the formation of a brass and woodwind ensemble known as the UM Symphonic Band. The band expanded into

Universiti Malaya Symphony Orchestra, debuted during the 2001 Convocation at Putra Stadium Bukit Jalil, and was launched by His Royal Highness Sultan Azlan Shah of Perak Darul Ridzuan, the Chancellor of UM, on the 26th of March 2003.



Above: "<u>UM Symphony Orchestra: A Royal Concert</u>" promotional poster

UM Symphony Orchestra: A Royal Concert

UM Symphony Orchestra (UMSO) blends new musical ideas with retro influences, offering an evening that bridges generations through the universal language of music. The Royal Concert with "Fusion and Retro," themes symbolize the journey through the revival of musical traditions and the blending of diverse styles. The selected pieces, reimagined by our conductor and his protégés, range from semi-classical to traditional, pop, and jazz, drawing from both Eastern and Western influences. The orchestra was conducted by Professor Dr. Mohd Nasir Hashim, who is a prominent figure in the music arena of the University and the homeland.

Our Commitment to Cultural Preservation

Heritage refers to attributes such as traditions, practices, or languages that are specific and unique to certain communities. Oftentimes, it could also refer to simple things like clothing or even past-time activities. These heritages are what mirror our identity and should be passed on for generations to come, and not be left to fade into oblivion. Universiti Malaya, recognising the importance of protecting this legacy of the past, has taken proactive actions through its various centres in the hope of preserving and transmitting the cultural heritage to the younger generations.



Above: "Chinese Hanfu & Art Exhibition" promotional poster

The Long Lost Kain Limar

The history of Kain Limar could be dated back to the 17th century. It is one of the oldest textile production methods in the Malay community. It was once used to craft exotic fabrics for royalty and nobility alike. On the 24th of April 2024, Universiti Malaya, through the Museum of Asian Arts had brought back the Kain Limar for the public to see the elegance and significance of our cultural heritage. Gracing the event is Her Royal Highness Tuanku Zara Salim, the Raja Permaisuri of Perak Darul Ridzuan willing to honour the event with her presence. The exhibition was open to the public until the 24th of August 2024.



Timeless Pattern: Exploring Traditional Chinese Hanfu & Art in the Modern Era" Exhibition

In celebration of the Kongzi Institute's 15th Anniversary, an exhibition was organised on October 10 for the public to delve into the heritage of Hanfu. The Hanfu exhibition celebrates one of China's most ancient and elegant traditional garments. "Hanfu," meaning "Han people's clothing," refers to the traditional attire worn by the Han ethnic group, the largest ethnic group in China, for over 4,000 years. This exhibition offers a rich exploration of Hanfu's history, culture, and evolution, reflecting the grandeur of China's imperial dynasties.



Above: Some of the exhibits displayed at "<u>The Long Lost Kain Limar Exhibition</u>"

Pameran Piring Hitam

On the 1st of July 2024, the Malay Ethnographic Museum displayed an exhibition of gramophone records of Malay classic songs. Not to be confused with vinyl records, gramophone records are the predecessor of vinyl, which was used from the 1930s to the 1950s. It was open until the 31st of August for music enthusiasts and the general public to enjoy.

Right: "Pameran Piring Hitam" promotional poster



Sustainable Cities - Enhancing Connectivity

Universiti Malaya, strategically located at the heart of Kuala Lumpur, a vibrant and dynamic metropolitan, presented an opportunity for the UM Campus Community to engage and innovate sustainable cities and communities solutions for the rapidly urbanising population, which includes an integrated public transportation

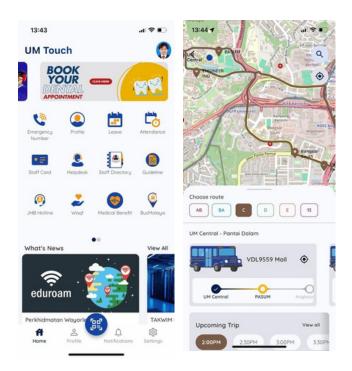
management ecosystem to ease the oncampus mobility, smart city technology and innovation, and industrial best practices for green transition towards netcarbon lifestyles— for the university, community, and the country.



UM Touch App - Bus Update

A new addition to improve the efficiency of the public transport system at Universiti Malaya is the integration of automated bus system functions into the UM Touch application. UM Touch is the main mobile application developed by Universiti Malaya for its students and staff. Within the application, a centralised management system has been established for ease of use. With the addition of the automated bus update feature, it is now easier for the campus community to plan and schedule their journeys.

To use the function, users simply need to tap the BusMalaya feature, as shown in the graphic above. They can then select their preferred destination based on the available routes. There are six bus routes operating in Universiti Malaya, serving both on-campus and selected off-campus locations. After choosing a route, the application will display bus availability and the estimated arrival schedule.



Above: Highlights on "UM Touch" mobile application functions

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Above: Highlights on "UM ShareRide" innovation

UM ShareRide

Another initiative undertaken by a group of researchers at the university is to develop an application called UM ShareRide. It is targeted towards the staff members of the university to promote carpooling on campus. This application consists of two parts: the first part is a Web-Based Application where staff members/event organisers will use the system to initiate or encourage the participant to use the ShareRide Apps for travelling to the event's venue. In the second part, a mobile application (Android and iOS) manages the functionalities such as changing ride sharing status, requesting for ride share to other colleagues, accepting the requests, communication between rider and captain, giving the notification, guiding towards the destination through the shortest route, among others.

Active Transportation Living Lab

The Active Transportation Living Lab at Universiti Malaya encourages staff and students to embrace sustainable, active modes of transport while fostering a culture of health, well-being, and environmental responsibility on campus. Participants are invited to record a 14-day journey, encompassing round trips to and within the campus, using various forms of active transportation, including walking, cycling, rollerblading, and electric scooters.

As part of the programme, participants are encouraged to share their positive experiences on social media, highlighting the benefits of active transportation and inspiring their peers to adopt similar practices. The initiative aims to increase awareness of sustainable mobility, reduce reliance on motorised transport, and promote greener, healthier lifestyles within the UM community.

ACTIVE TRANSPORTATION Who can apply? UM students (undergrad or postgrad) or s
 Having an interest in inspiring the campus community to engage in active transportation.
Possess the creativity to develop content related to active transportation. Preferably active social media users with a substantial number of existing followers. Application closing date: 27th Nov 2023 Tasks Register here Record a 14-day journey round trip to and within the campus using various modes of active transportation (walking, cycling, rollerblading, Share positive experience with active transportation on social media. · Promote active transportation among the social edia community and inspire them to embrace and utilize active forms of transportation. please contact +01128971819 · Contribution to walkable campus initiatives (Haridah Alias) · Monetary incentives to the task performed Funder: UMSDC (LL2023-ECO016)

The principal investigator for this project is Associate Prof. Dr. Lim Yin Cheng, from the Department of Social and Preventive Medicine, Faculty of Medicine. This project is supported under the UM EcoCampus Living Lab Grant and forms part of the broader EcoCampus@UM initiative by the UM Sustainable Development Centre (UMSDC), reflecting UM's commitment to sustainability, active lifestyles, and campus-wide environmental stewardship.





Above: Poster for campus ambassador recruitment for active transportation (left) and a student's daily active transportation record shared on the <u>Eco Varsity</u>'s Instagram page (right, top and bottom)

Collaboration for Development

The mission to create a sustainable city is not restricted to the boundary of Universiti Malaya, it extends beyond the university to benefit the surrounding community. Located at the heart of the Klang Valley area, it is one of the most densely populated areas in Malaysia. According to the census done in 2020 by the Department of Statistics Malaysia, the total residents living in Lembah Pantai, Petaling Jaya, Subang, and Damansara areas amounts to more than 1 million people. This posed a challenge in planning for urban developments especially in the housing aspect.

Universiti Malaya acknowledging this issue has actively supported local authorities through research and advisory to advance sustainable urban development in the area. In 2024, a group of researchers from Faculty of Built Environment, Universiti Malaya led by Sr. Dr. Ainoriza Binti Mohd Aini with support from Ministry of Housing and Local Government, conducted research on Retirement Village Development Studies. As Malaysia is moving towards an aging society, this research will be beneficial in future urban developments considering the needs of demographic in urban areas.

One major issue in urban development is abandoned projects which eat through area for development and could lead to hazardous incidents if left unmonitored. With the support from Real Estate and Housing Developers' Association (REHDA), a project to conduct research and review on the laws relating to abandoned housing projects was completed. The report on Abandoned Housing: Challenges, Insights & published by REHDA was officially launched during the International Strata Symposium on 8th April 2025, officiated by the Minister of Housing and Local Government (KPKT), YB Tuan Nga Kor Ming. The report will assist developers and other stakeholders in the Housing Industry for future developments.

As one of the leading research universities in Malaysia, it is imperative that the university offers support to the government in areas that is possible. With this contribution, it will contribute in turning not just Universiti Malaya but its surrounding area into a sustainable city that fosters resilience, growth, and inclusivity.

