



UM–AUN SUMMER CAMP 2025

**Empowering Youth & Innovating for a
Sustainable Future: A Pathway to Net Zero**

24 August – 6 September 2025

Programme Overview

The next generation plays a crucial role in shaping a more sustainable world. This theme combines education, innovation, and technology to equip young leaders with the knowledge, skills, and motivation needed to drive meaningful change. Participants will explore global sustainability challenges, such as climate change, biodiversity loss, pollution, and resource depletion, while also discovering how innovation and technology can be harnessed to build a greener future. Through interactive discussions, hands-on workshops, and real-world case studies, students will engage in activities such as waste management simulations, urban farming initiatives, and citizen science projects. They will also explore the role of smart technologies, circular economy practices, and sustainable product design in addressing environmental challenges. Experts in sustainable engineering, artificial intelligence, and data analytics will guide participants in developing innovative and scalable solutions to real-world sustainability problems. The program fosters teamwork, critical thinking, and problem-solving skills, encouraging students to become proactive changemakers. By the end of the camp, participants will have a deeper understanding of sustainability and leave with actionable insights, practical tools, and project ideas to implement in their schools, universities, and communities. With a mindset of continuous improvement and innovation, they will be empowered to contribute to a net-zero future and become ambassadors for positive environmental and social change.

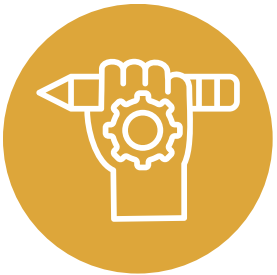
Objective



To cultivate sustainability leadership and awareness
Participants will develop a deep understanding of global sustainability challenges and solutions, empowering them to become future leaders in environmental conservation and sustainable development.



To equip participants with problem-solving and innovation skills
Students will engage in sustainability challenges that encourage critical thinking, teamwork, and creativity to develop practical solutions for environmental and social issues.



To provide hands-on experience in sustainability practices
Through interactive workshops, field visits, and real-world projects, students will engage in activities such as waste management, water conservation, urban farming, and innovative sustainability solutions.



To inspire long-term commitment to sustainability
By the end of the program, participants will be encouraged to implement sustainability initiatives in their communities, universities, and future careers, creating lasting positive impacts.



To foster cross-cultural exchange and collaboration
Bringing together students from diverse backgrounds, the program promotes knowledge-sharing and cultural appreciation while exploring how different communities approach sustainability



Schedule

WEEK 1								
	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	
Time/Date	24 August 2025	25 August 2025	26 August 2025	27 August 2025	28 August 2025	29 August 2025	30 August 2025	
9:00	Arrival in KL & Check-in accommodation Airport Pickup Slots: 12pm 5pm	Opening Ceremony & Ice-breaking with UM SDC	Tasik Varsiti: Kayak <i>Area: Sports/Recreation</i>	Concurrent Session (split into 2 groups): Introduction to Smart & Sustainability Engineering Urban Farm <i>Area: Urban Farming & Food Security</i>	Makerspace@UM: Innovative Sustainability Makerculture <i>Area: Sustainability Innovation</i>	Introduction to UM Zero Waste Campaign (UMZWC) <i>Area: Waste</i>	Field Trip (Glami Lemi Biotechnology Research Centre) (9am-5pm)	
10:00			Mini Explorace: Tasik Varsiti & UM GreenBelt <i>Area: Water & Biodiversity</i>	Precious Plastic: Centre for Product Design and Manufacturing (CPDM) <i>Area: Waste & Innovation</i>		Group Activity on Waste Management <i>Area: Waste</i>		
11:00				Hands-on Demonstration on Food Waste Composting <i>Area: Waste</i>				
12:00		Lunch Break						Lunch Break & Friday Prayer
1:00								
2:00		Campus Tour	Water Warriors: Empowering Citizen Science with Nature <i>Area: Biodiversity & Water</i>	Greenhouse Gases Emission Reporting & Planetary Health (1 1/2 hours) <i>Area: Net Zero</i>	Buddies Activity: Cultural (Batik Painting, Henna/Traditional Games, Malaysian Dances) <i>Area: Socio-cultural</i>	Introduction to Green Mosque Advocacy: Imarah Eco Surau <i>Area: Religion & Sustainability</i>		
3:00								
4:00								

WEEK 2							
	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Time/Date	31 August 2025	1 September 2025	2 September 2025	3 September 2025	4 September 2025	5 September 2025	6 September 2025
9:00	Field Trip (Glami Lemi Biotechnology Research Centre) (9am-5pm) Campfire (7pm-9pm)	Melaka Tour (8am - 10pm)	Putrajaya Wetland (Putrajaya Corporation) Area: Biodiversity & Water	Net Zero & Public Transport Initiative: Prasarana Malaysia Berhad (Ara Damansara) Area: Transportation	Students Sharing Presentation	Free & Easy (Public Holiday: Prophet Muhammad's Birthday)	Check-out accommodation Airport Drop-off Slots: 9am 1pm
10:00							
11:00							
12:00			Lunch Break				
1:00							
2:00			Circular Economy: Fasiliti Inovasi Kitar Semula (FIKS) Area: Waste Management	Championing Grassroots Sustainability Agenda: All-Party Parliamentary Group Malaysia for Sustainable Development Goals (APPGM-SDG) Area: Governance & Community Engagement	Reflection & Closing/Farewell Ceremony		
3:00							
4:00							

*Subjected to changes

Fee Details

Programme Fees: None

Covered Expenses:

- ✓ Airport Transfers
- ✓ Ground Transportation
- ✓ Accommodation (24 August – 6 September 2025)
 - Check-in: 24 August, 3:00 PM
 - Check-out: 6 September, 12:00 PM
- ✓ Meals (Breakfast, Lunch, and Tea Break)

Expenses Not Covered:

- ✗ Round-trip airfare/travel
- ✗ Insurance (travel & health)
- ✗ Personal expenses
- ✗ Visa fees
- ✗ Other meals outside of the programme



Thank you!

For further enquiries,
please contact us at
studyabroad@um.edu.my

