



U.S.M. UNIVERSITI
SAINS
MALAYSIA



SOARING
UPWARDS
MALAYSIAN HIGHER EDUCATION



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LEARNING THROUGH CHEMISTRY@USM

For more information:

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SUMMER PROGRAMME

**SCHOOL OF CHEMICAL SCIENCES
UNIVERSITI SAINS MALAYSIA**

TENTATIVE PROGRAM

Day	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5
1	Arrival and Hostel/ Hotel Check-in								
2	Registration and Welcoming Party (Ice breaking)		Introduction to PPSK		Campus Tour (eco van)		Student Interactive Session		
3	Breakfast	L1: Overview towards Microscale Chemistry	Microscale Lab I: Experiments using "Water Kit"		English I				
4		Fieldwork / EcoHub Tour (samples collection) Malaysian Herbs	Cultural Activities		Lunch	L2: Introduction to Phytochemical Screening	Microscale Lab II Phytochemical Screening		
5		Microscale Lab III Micro vs Conventional	Microscale Lab IV "Bunga Telang"		L3: Essential Oil	Microscale Lab V Essential Oil			
6		English II						Mindfulness	
7	Penang Heritage Tour								
8	Free & easy								
9	Breakfast	L4: Introduction to Glass Blowing	Glass Blowing Lab I "Batik Chanting & Wau Making"		Lunch	Glass Blowing Lab II "Batik Chanting & Wau Making"			
10		Closing Ceremony & Reflection		Kenduri @ Kimia					
11	Departure								

THE COURSE IS OPENED TO INTERNATIONAL UNDERGRADUATE AND POSTGRADUATE STUDENTS

The programs are hosted by School of Chemical Sciences and taught by academic staff from schools within USM



Five non-credited courses designed;
i. Microscale Chemistry
ii. Glassblowing Technique
iii. Malaysia Plants
iv. Mindfulness
v. English for Communication
vi. Malaysian Cultural Activities

Designed to prepare you in both; academic (niche areas) and social experiences



The choice to live on campus or out-campus

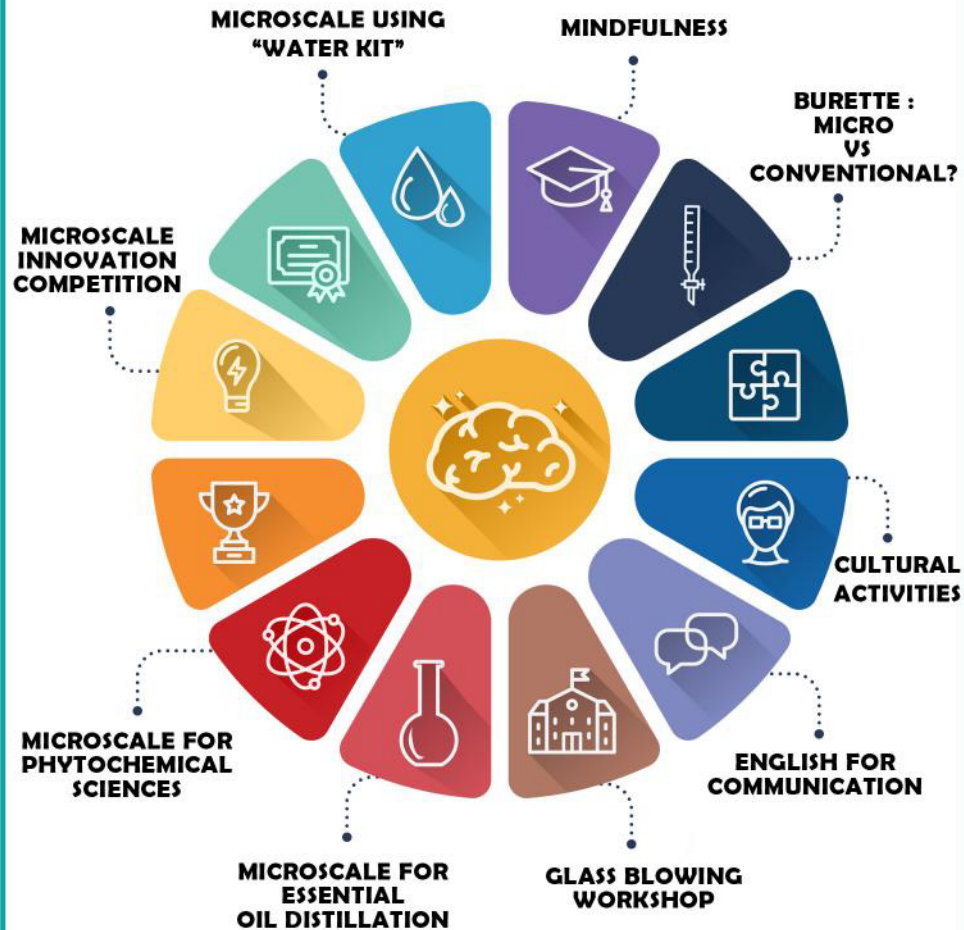


Structured days, with weekday classes and fascinating activities and trips



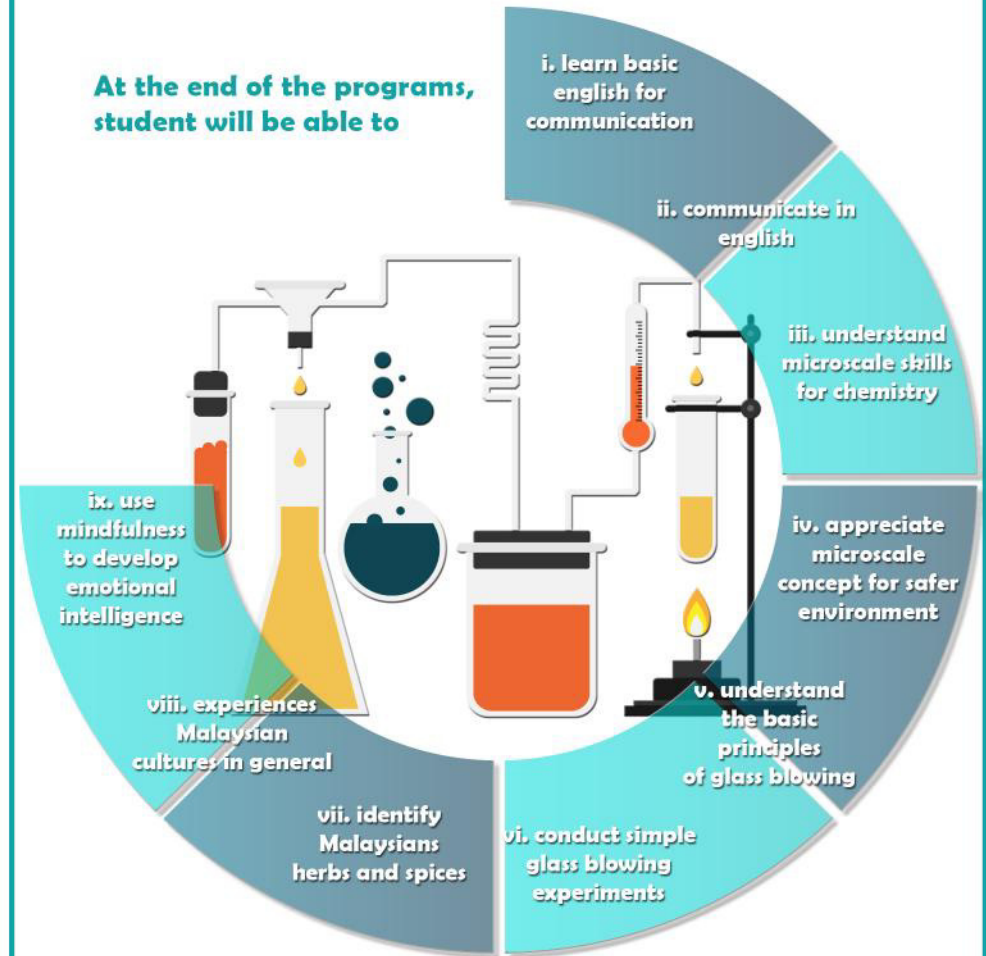
The programs combine both features: learning in class and hands-on in the laboratories

SELECTED CONTENTS



LEARNING OUTCOMES

At the end of the programs, student will be able to



OUR PEOPLE

Assoc. Prof. Dr
Oo Chuan Wei



Assoc. Prof. Dr
Melati
Khairuddean



Dr Noor
Haida Mohd
Kaus



Prof Dr
Hasnah
Osman



Prof Dr
Rohana
Adnan



Mr. Mohd
Aeizat
Zulkeply



Mr. Ramlee
Abd Wahab



Dr Lee Hooi
Ling



Dr Yeoh Kar
Kheng



Dr Lim Gin
Keat