



Physics in Penang Island

Academic and Cultural Mobility Program



Open for Year-Round Enrolment



SCHOOL OF PHYSICS
UNIVERSITI SAINS MALAYSIA

Our Course in a Nutshell

“Physics in Penang Island - Academic and Cultural Mobility Program” primarily acts as an avenue to introduce our research faculty as an integrated and harmonious unit. The course content is sculptured in a way that it illuminates all our important and current research works in various fields of physics, **suits both undergraduate and postgraduate students**. This course invites all experts in our faculty to come hand in hand and promote their respective research proficiency. Though the contents of this course are presented at an introductory level, yet, our successive objective is to attract potential research students to join our faculty in fulfilling their long term postgraduate or research endeavor.

Our course covers essential aspects of Physics

Photonics
Theoretical Physics
Optical Spectroscopy
Astronomy
Semiconductor
Nanotechnology
Crystallography
Geophysics & Remote Sensing
Material, Medical and Radiation Physics
Renewable Energy
Aerospace Engineering



Come and experience astrotourism in Malaysia!



Besides sharing the complexity of our academic activities, this course also provide a space for the students to experience the splendor of Penang Island and its beautiful diversity particularly in nature, culture and food. This is a part of our noble idea to promote Penang as an attractive tourists spot and Universiti Sains Malaysia as the **Heart of the Island**.



Sample Schedule – Our course content and duration are flexible based on request by participants. Visit US: <https://fizik.usm.my/index.php>

Day	09.00 – 10.00 am	10.00 – 10.30 am	10.30 – 11.30 am	11.30 – 12.30 pm	12.30 – 02.00 pm	02.00 – 03.00 pm	03.00 – 04.00 pm	04.00 – 4.30 pm
Sunday	ARRIVAL							
Monday	Welcome speech Prof. Dr. Abdul Razak Ibrahim	Tea Break	Theoretical Physics Dr. Wan Mohamad Husni Wan Mokhtar	Computational Physics Assoc. Prof. Dr. Yoon Tiem Leong	Lunch	Nanotechnology Assoc. Prof. Dr. Naser Mahmoud Ahmed	NOR Lab Visit Dr. Beh Khi Poay	Tea Break
Tuesday	Astronomy Day! Dr. John Soo Yue Han & Dr. Idahwati Sarudin Techdome / PIXO Observatory Tour; Space Weather Talk + Solar Observation; Astronomy Talk + Telescope Hands-On; Night Observation Session							
Wednesday	Optical Spectroscopy Assoc. Prof. Dr. Ahmad Fairuz Omar	Tea Break	Laser Technology Dr. Wan Maryam Wan Ahmad Kamil	Optical Sensor Dr. Mohd Mahadi Halim	Lunch	Light Emitting Diode Assoc. Prof. Dr. Yam Fong Kwong	Solar Cell Dr. Mohd Marzaini Mohd Rashid	Tea Break
Thursday	Visit to Advanced Medical and Dental Institute (AMDI), USM Dr. Sakinah Suardi & Assoc. Prof. Dr. Mohd Hafiz Bin Mohd Din Visit to Engineering Campus, USM Assoc. Prof. Dr. Norizham Abdul Razak							
Friday	Cultural Activities 1 International Mobility and Collaboration Centre (IMCC) & Persatuan Sains Fizik, USM							
Saturday	EXPLORING PENANG NATURE Jasnisuhardi Abdul Manab and Team							
Sunday	OFF DAY							
Monday	Dielectric Materials Assoc. Prof. Dr. Iskandar Shahrin Mustafa	Tea Break	Radiation Protection Dr. Nurul Zahirah Noor Azman	Nuclear Medicine Dr. Norlaili Ahmad Kabir	Lunch	Tissue-Equivalent Phantom Dr. Nik Noor Ashikin Nik Ab Aziz	Monte Carlo Method Dr. Nurul Hashikin Ab Aziz	Tea Break
Tuesday	Cultural Activities 2 International Mobility and Collaboration Centre (IMCC) & Persatuan Sains Fizik, USM							
Wednesday	Renewable Energy Dr. Nurhafizah Md Disa	Tea Break	X-Ray Crystallography Assoc. Prof. Dr. Quah Ching Kheng	X-rays Crystallography (Lab Visit) Dr. Suhana Arshad	Lunch	OFF		
Thursday	Geophysics in engineering and environment Dr. Andy Anderson Bery	Tea Break	Exploration Geophysics Assoc. Prof. Dr. Nordiana Mohd Muztaza/ Dr. Nur Azwin Ismail	Remote Sensing Assoc. Prof. Dr. Lim Hwee San	Lunch	Applied Geology Dr. Teoh Ting Jia	Satellite Oceanography Dr. Sya'rawi Muhammad Husni Mohd Sharoni	Tea Break
Friday	Certificate Presentation Ceremony & BBQ School of Physics							
Saturday	DEPARTURE							



Price: USD 1000 per pax for 10 days' program [course fees, academic trips, printed materials and meals (during lectures only).]

We also offer 5 days' program at USD 500 per pax.

Accommodation are not included, but could be arranged with the organizer (service charges apply).

We only accept GROUP participation with minimum number of 5 per group.



Contact us for the training schedule, detail activities and quotation:

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