

THE UNIVERSITY OF HONG KONG
Master of Science in the field of Physics (2023-24)
Class Timetable

(As of August 15, 2023)

Remarks:

(1) #Course Code: *PHYS* - course offered by the MSc in the field of Physics programme, the Department of Physics
SPSC - course offered by the MSc in the field of Space Science programme, the Department of Physics

(2) After the Course Selection period, in the event of insufficient number of enrollment, it is at the discretion of the Department of Physics to cancel the elective course(s).

Semester 1 (September 1 - December 23, 2023)						
Teaching Period: September 1 - November 30, 2023; Reading Week: October 16 - 21, 2023; Revision Period: December 1 - 7, 2023; Assessment/Exam Period: December 8 - 23, 2023						
Type of Course	#Course Code	Course Title	Days	Class Time	Venue**	Course Coordinator
Casstone	PHYS8971FY (Full Year course)	Capstone Project (9 credits)	NA	Course offered without class meeting	NA	Prof Xiaodong CUI
Compulsory	PHYS8201	Basic research methods in physical science (6 credits)	TUE & THU	[Class 1B] Tue 1630 - 1820; Thu 1630 - 1820	MB151	Prof Hoi Fung CHAU
Compulsory	PHYS8970	Physics seminar (3 credits)	NA	Course offered without class meeting	NA	Dr Jason Chun Shing PUN
List A						
Elective	PHYS8150	Computational physics and its contemporary applications (6 credits)	MON & THU	Mon 1430 - 1520; Thu 1330 - 1520	MWT2	Dr Zi Yang MENG
Elective	PHYS8351	Graduate quantum mechanics (6 credits)	TUE	[Class 1B] Tue 1330 - 1620	EH101	Prof Shunqing SHEN
List B						
Elective	PHYS8352	Quantum information (6 credits)	MON & FRI	[Class 1B] Mon 1730 - 1820; Fri 1630 - 1820	EH101	Dr Wenyan WANG
Elective	PHYS8654	General relativity (6 credits)	TUE & FRI	[Class 1B] Tue 0930 - 1020; Fri 0930 - 1120	MW325	Dr Kai Ming LEE
Elective	PHYS8850	Topics in particle physics (6 credits)	MON & THU	Mon 1530 - 1720; Thu 1530 - 1620	MON (CYCP1) THU (MW325)	Dr Yanjun TU
Elective	PHYS8852	Photonics and metamaterials (6 credits)	WED	[Class 1B] Wed 1430 - 1720	KKLG102	Prof Shuang ZHANG
Elective	SPSC7007	Data analysis in space science (6 credits)	FRI	Fri 1830 - 2020 (lecture); 2030 - 2120 (tutorial)	CBC	Dr Alex Po LEUNG

****Venue:**

CBC	Room CBC, LG1/F, Chow Yei Ching Building, Main Campus
CYCP1	Room CYCP1, LG1/F, Chong Yuet Ming Chemistry Building, Main Campus
EH101	Room EH101, 1/F, Eliot Hall, Main Campus
MB151	Room MB151, 1/F, Main Building, Main Campus
MWT2	Room MWT2, G/F, Meng Wah Complex, Main Campus
MW325	Room MW325, 3/F, Meng Wah Complex, Main Campus
KKLG102	Room 102, LG1/F, K.K. Leung Building, Main Campus

Semester 2 (January 15 - May 21, 2024)						
Teaching Period: January 15 - April 27, 2024; Reading Week: March 4 - 9, 2024; Revision Period: April 29 - May 4, 2024; Assessment/Exam Period: May 6 - 21, 2024						
Type of Course	#Course Code	Course Title	Days	Class Time	Venue**	Course Coordinator
List A						
Elective	PHYS8450	Graduate electromagnetic field theory (6 credits)	MON & THU	[Class 2B] Mon 1730 - 1820; Thu 1630 - 1820	KKLG105	Prof Zidan WANG
Elective	PHYS8550	Graduate statistical mechanics (6 credits)	TUE & FRI	[Class 2B] Tue 1230 - 1320; Fri 1230 - 1420	KKLG107	Dr Kai Ming LEE
Elective	PHYS8701	Physics experimental techniques (6 credits)	WED	[Class 2B] Wed 1430 - 1720	KKLG105	Prof Mao Hai XIE
List B						
Elective	PHYS8551	Topics in solid state physics (6 credits)	TUE & FRI	Tue 1530 - 1620; Fri 1530 - 1720	TUE (KKLG107) FRI (JLG01)	Prof Shizhong ZHANG
Elective	PHYS8552	Condensed matter physics (6 credits)	TUE & FRI	[Class 2B] Tue 1330 - 1520; Fri 1430 - 1520	TUE (TBC) FRI (JLG01)	Dr Chenjie WANG
Elective	PHYS8656	Topics in astrophysics (6 credits)	MON & THU	[Class 2B] Mon 1130 - 1220; Thu 1030 - 1220	MW325	Dr Stephen Chi Yung NG
Elective	PHYS8751	Device physics (6 credits)	TUE & FRI	[Class 2B] Tue 1030 - 1220; Fri 1130 - 1220	TUE (LE3) FRI (KKLG105)	Prof Mao Hai XIE
Elective	SPSC7014	Big Data, AI and Machine Learning in Space Science (6 credits)	FRI	Fri 1830 - 2020 (lecture); 2030 - 2120 (tutorial)	CBC	Dr Alex Po LEUNG

****Venue:**

CBC	Room CBC, LG1/F, Chow Yei Ching Building, Main Campus
JLG01	Room JLG01, G/F, James Hsiung Lee Science Building, Main Campus
KKLG105	Room 105, LG1/F, K.K. Leung Building, Main Campus
KKLG107	Room 107, LG1/F, K.K. Leung Building, Main Campus
MW325	Room MW325, 3/F, Meng Wah Complex, Main Campus
LE3	Room LE3, LG1/F, Library Extension Building, Main Campus