STUDY PHYSICS ABROAD

JUNIOR YEAR AT THE UNIVERSITY OF HONG KONG

There are several universities in vibrant and bustling Hong Kong where you can spend the Junior year abroad. This document will focus on the University of Hong Kong. The language of instruction of Physics courses is in English.

The academic year at the University of Hong Kong consists of two terms (Fall and Spring). Although there is very good content overlap of core Physics courses with those offered at UCSB, some courses such as the equivalent of Phys 119A and Phys 110A are offered in the Spring semester at University of Hong Kong, whereas they are offered at UCSB in Fall. Therefore careful planning is necessary. For a semester abroad, it is recommended that you study abroad during the Fall quarter of the Junior year. This allows you to return for Winter quarter at UCSB to continue with the "B" part of multi-part core courses required for the B.S. degree.

It is also strongly recommended that you take certain Junior year courses during the Sophomore year, in preparation for Study Abroad at the University of Hong Kong during Junior year. In particular, it is recommended that you complete Phys 103 during the Sophomore year or during the summer prior to departure for study abroad. In addition, if you plan on taking the elective course Phys 102, as preparation for the study of Quantum Mechanics, it is recommended that you take this course during the Fall of Sophomore year.

If you plan to study abroad for the entire year, you may either take the Junior year course Phys 101 during the Winter of Sophomore year or plan to take it during your Senior year.

Below you will find the course equivalencies between the University of Hong Kong Physics program and the UCSB Physics core courses. These are pre-approved and will be accepted by the department towards meeting Physics B.S. degree requirements.

Approved course equivalencies

SEMESTER 1 (Fall Semester) at the University of Hong Kong (September - December)

Partner Institution/Country	Subject area	EAP course year	Semester	Partner University course title	UCSB units	Partner University course number	Pre-approved UCSB Equivalent
University of Hong Kong, Hong Kong	CORE	3rd year	Fall	Classical Mechanics	4	PHYS 3350	Phys 104
	CORE	3rd year	Fall	Quantum Mechanics	4	PHYS 3351***	Phys 115A
	CORE	4th year	Fall	Advanced Electromagnetism	4	PHYS 4450†††	Phys 110B

††† Please note that HKU course PHYS 4450 (Advanced Electromagnetism, which is equivalent to Phys 110B) is offered in Semester 1 (Fall) and HKU course PHYS 3450 (Electromagnetism, which is equivalent to Phys 110A) is offered in Semester 2 (Spring). Therefore, HKU course PHYS 4450 is not suitable for UCSB Juniors studying abroad.

SEMESTER 2 (Spring Semester) at the University of Hong Kong (January – May)

Partner Institution/Country	Subject area	EAP course year	Semester	Partner University course title	UCSB units	Partner University course number	Pre-approved UCSB Equivalent
University of Hong Kong, Hong Kong	CORE	3rd year	Spring	Advanced Quantum Mechanics	4	PHYS 4351***	Phys 115B-C
	CORE	3rd year	Spring	Statistical Mechanics and Thermodynamics	4	PHYS 3550	Phys 119A
	CORE	3rd year	Spring	Electromagnetism	4	PHYS 3450	Phys 110A

***If you study at University of Hong Kong during Fall semester and enroll in PHYS 3351, you will get credit towards UCSB course Phys 115A. If on the other hand, you study abroad for the entire year and enroll in University of Hong Kong courses PHYS 3351 and PHYS 4351, you will get credit towards UCSB courses Phys 115A, B and C.

Course Catalog

The complete Physics course offerings, including many interesting electives, for academic year 2016-2017 is found here – http://www.physics.hku.hk/students/course-information/UG%20Course

Class Timetable

Visit http://www.physics.hku.hk/students/course-information/timetable15-16 to check course timetable. Please note that course schedules and timetables may be subject to change from year to year.