

Course Title/Code:	HKU - Pasteur Virology Course (MMPH6171)
Department:	HKU-Pasteur Research Pole
Objectives:	The principal objective of the HKU-Pasteur Virology course is to train a small, selected number of international students at the Master/MPhil and early PhD level in an interactive classroom setting. The course is intended to be a platform of excellence in which students can meet and closely interact with worldwide top-level scientists to discuss, exchange ideas and establish valuable contacts in the perspective of strengthening a regional network of competent virologists. Students will be able to understand the importance of fundamental research and a broad interdisciplinary approach for diagnostics, drug discovery and vaccine development. We also expect to provide students orientations for their future career.
Content:	This course provides advanced training for students that are beginning research in virology. It is composed of lectures given by leading scientists, and practical sessions organized together with local and/or invited teams which are supervised by junior faculty members. Each year the course focuses on different research areas that are topical for public health worldwide. A typical course covers epidemiology, molecular and cellular biology of viruses; virus/host molecular interactions; pathogenetic mechanisms, prevention strategies against viral diseases and therapeutical approaches. Students work in pairs to stimulate interactions and collegial attitudes.
Prerequisite:	None
Duration:	2 weeks; 5-6 days/week; 30 contact hours/week
Course Unit:	2
Coursework/Examination ratio:	80% / 20%
Examination method:	<p>The students' performance will be evaluated according to the following criteria:</p> <ol style="list-style-type: none"> 1. Participation in the course and interaction with the speakers; 2. Oral presentation of the results of the practical session or of the workshops/round tables (10 min) followed by a Q&A session (10 min); 3. Oral summary (20 min presentation, with slides) of one of the lectures given during the course followed by a Q&A session (10 min). Lectures are assigned through a draw the day before the exam.
Learning outcomes:	<p>On completion of the course student will be able to:</p> <ol style="list-style-type: none"> 1. Describe the molecular steps of the life cycle of the viruses studied; 2. Demonstrate knowledge of the epidemiology of the diseases studied; 3. Explain the current challenges in this research area; 4. Identify key knowledge gaps and formulate relevant scientific questions; 5. Develop skills in oral communication; 6. Develop skills in group work.

Remarks:

Also offered to RPg from other Faculties at HKU

Registration fee: HK\$ 1,000.- (includes lunch, coffee breaks and 2 dinners)