



MMPH6005 Practical Bioinformatics (Semester 1)

Course Coordinator(s):	Dr BCW Wong
Venue:	# 3/F, Seminar Room 1, No. 3 Sassoon Road Lecture Theatre 1, G/F, William M.W. Mong Block, No. 21 Sassoon Road ** Lecture Theatre 2, G/F, William M.W. Mong Block, No. 21 Sassoon Road
Tentative Examination Date:	Friday, December 16, 2022 (9:30 – 11:30 am) TBC, HKU Main Campus

Date	Time	Lecture Topic	Lecturer
06.09.2022 (Tue)#	18:30-20:30	Biological databases; Information retrieval: Entrez	Dr BCW Wong
13.09.2022 (Tue)#	18:30-20:30	Pair-wise sequence alignment: dotplot and dynamic programming	Dr BCW Wong
20.09.2022 (Tue)#	18:30-20:30	Sequence database searches: BLAST, FASTA	Dr BCW Wong
27.09.2022 (Tue)#	18:30-20:30	Multiple Sequence Alignment	Dr BCW Wong
11.10.2022 (Tue)#	18:30-20:30	Introduction to Genome Informatics	Dr JWH Wong Dr R Jauch
18.10.2022 (Tue)#	18:30-20:30	Introduction to using Linux	Dr JWH Wong Dr R Jauch
25.10.2022 (Tue)#	18:30-20:30	NGS sequence alignment	Dr JWH Wong Dr R Jauch
01.11.2022 (Tue)	18:30-20:30	Variant calling and annotation	Dr JWH Wong Dr R Jauch
08.11.2022 (Tue)	18:30-20:30	Phylogenetics: Theory	Dr TTY Lam
15.11.2022 (Tue)	18:30-20:30	Phylogenetics: Algorithms	Dr TTY Lam
22.11.2022 (Tue)	18:30-20:30	Phylogenetics: Advanced methods	Dr TTY Lam
29.11.2022 (Tue)**	18:30-20:30	Metagenomics	Dr TTY Lam