



MMPH6005 Practical Bioinformatics (Semester 1)

Course Coordinator(s):	Dr BCW Wong, School of Biomedical Sciences (Tel no.: 3917 6807; Email: bcwwong@hku.hk)
Delivery Mode of Lectures:	Face-to-face
Lecture Venue:	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
Final Examination:	Friday, December 15, 2023 (9:30 – 11:30 am) Room 8, Library Extension, HKU Main Campus

	Date	Time	Lecture Topic	Lecturer
1	05.09.2023 (Tue)	18:30-20:30	Biological databases; Information retrieval: Entrez	Dr BCW Wong
2	12.09.2023 (Tue)	18:30-20:30	Pair-wise sequence alignment: dotplot and dynamic programming	Dr BCW Wong
3	19.09.2023 (Tue)	18:30-20:30	Sequence database searches: BLAST, FASTA	Dr BCW Wong
4	26.09.2023 (Tue)	18:30-20:30	Multiple Sequence Alignment	Dr BCW Wong
5	03.10.2023 (Tue)	18:30-20:30	Introduction to Genome Informatics	Dr JWH Wong Dr R Jauch
6	10.10.2023 (Tue)	18:30-20:30	Introduction to using Linux	Dr JWH Wong Dr R Jauch
7	17.10.2023 (Tue)	18:30-20:30	NGS sequence alignment	Dr JWH Wong Dr R Jauch
8	24.10.2023 (Tue)	18:30-20:30	Variant calling and annotation	Dr JWH Wong Dr R Jauch
9	07.11.2023 (Tue)	18:30-20:30	Phylogenetics: Theory	Dr TTY Lam
10	14.11.2023 (Tue)	18:30-20:30	Phylogenetics: Algorithms	Dr TTY Lam
11	21.11.2023 (Tue)	18:30-20:30	Phylogenetics: Advanced methods	Dr TTY Lam
12	28.11.2023 (Tue)#	18:30-20:30	Metagenomics	Dr TTY Lam