



Master of Medical Sciences Core Courses Timetable 2018-2019

Course Code	Course Name	Date	Time
SEMESTER 1			
MMSC6002	Orientation and Induction Course: Clinical Trials and Biostatistics (Compulsory)	03.09.2018 (Mon)	18:30-19:00 19:00-21:30
MMSC6001-A	Induction Course: Dissertation Writing (compulsory)-Group A	15, 22, 29.11.2018 (Thu)	18:30-21:00
MMSC6001-B	Induction Course: Dissertation Writing (compulsory)-Group B	06, 13, 20.12.2018 (Thu)	18:30-21:00
MMSC6001-C	Induction Course: Dissertation Writing (compulsory)-Group C	10, 17, 24.01.2019 (Thu)	18:30-21:00
MMSC6001-D	Induction Course: Dissertation Writing (compulsory)-Group D	06, 13, 20.12.2018 (Thu)	18:30-21:00
PATH6100	Laboratory Methods and Instrumentation	01.09.2018-03.11.2018 (Sat)	14:00-16:00
SBMS7100	Practical Bioinformatics	04.09.2018-27.11.2018 (Tue)	18:30-20:30
PHAR6100	Principles of Drug Action	05.09.2018-28.11.2018 (Wed)	18:30-20:30
PATH6600	Fundamentals of Common Human Diseases	06.09.2018-08.11.2018 (Thu)	18:30-20:30
MEDI6500	Cell Metabolism	07.09.2018-23.11.2018 (Fri)	18:30-20:30
CMED7100	Introduction to Biostatistics	08.09.2018-17.11.2018 (Sat)	08:30-10:30
PATH6300	General Cytopathology	10.09.2018-26.11.2018 (Mon)	18:30-20:30
CMED7200	Introduction to Epidemiology	15.09.2018-01.12.2018 (Sat)	10:50-12:50
SEMESTER 2			
SBMS7500	Advanced Cell Biology	11.02.2019-06.05.2019 (Mon)	18:30-20:30
SBMS7200	Genes and Gene Functions in Diseases	12.02.2019-30.04.2019 (Tue)	18:30-20:30
PATH6700	Recent Advances in Cancer Biology	13.02.2019-24.04.2019 (Wed)	18:30-20:30
SBMS7600	Integrative Perspectives of Body Functions	15.02.2019-17.05.2019 (Fri)	18:30-20:30
SURG6910	Laboratory Animal Handling and Surgical Techniques	16.02.2019-06.04.2019 (Sat)	09:00-11:45 / 09:00-12:00
PATH6500	Practical Course in Laboratory Methods	13.04.2019-11.05.2019 (Sat)	09:00-12:00 13:00-15:00

Notes: i. Change(s) to the selection of Core and Specialised Courses will only be allowed before the end of September each year. At least one Core Course should be selected from either of the two main sections, i.e. Research Methods and Biological Systems.
ii. All students admitted in 2018-2019 are required to attend the Orientation and Induction Courses.
iii. The timetable is subject to change without further notice, please kindly check the latest timetable before commencement of classes at http://www.med.hku.hk/images/document/03edu/taught/mmedscr_timetable.pdf.



Master of Medical Sciences Core Courses Examination Timetable 2018-2019
(to be taken by MMedSc//MPhil/PhD/MRes[Med] Candidates)

Core Course	Time	Date	Venue
SEMESTER 1			
CMED6100/CMED7100/MMPH6002 Introduction to Biostatistics	9:30 am – 11:30 am	Saturday, December 08, 2018	Flora Ho Sports Centre, HKU
CMED6200/CMED7200/MMPH6003 Introduction to Epidemiology	9:30 am – 11:30 am	Saturday, December 15, 2018	Loke Yew Hall, HKU Main Campus
MEDI6500/MMPH6196 Cell Metabolism	9:30 am – 11:30 am	Monday, December 10, 2018	Room 237 Main Building, HKU Main Campus
SBMS7100/MMPH6005 Practical Bioinformatics	2:30 pm – 4:30 pm	Monday, December 10, 2018	Room 103 Main Building, HKU Main Campus
PATH6100/MMPH6001 Laboratory Methods and Instrumentation	9:30 am – 11:30 am	Tuesday, December 11, 2018	Room 105 Chong Yuet Ming Amenities Centre, HKU Main Campus
PATH6300/MMPH6016 General Cytopathology	2:30 pm – 4:30 pm	Tuesday, December 11, 2018	Room 103 Main Building, HKU Main Campus
PATH6600 Fundamentals of Common Human Diseases	9:30 am – 11:30 am	Wednesday, December 12, 2018	Room 3 Library Extension, HKU Main Campus
PHAR6100/MMPH6127 Principles of Drug Action	2:30 pm – 4:30 pm	Wednesday, December 12, 2018	Room 6 Library Extension, HKU Main Campus
SEMESTER 2			
PATH6500 Practical Course in Laboratory Methods	9:30 am – 11:30 am	Monday, June 3, 2019	Room 237 Main Building, HKU Main Campus
PATH6700 Recent Advances in Cancer Biology	2:30 pm – 4:30 pm	Monday, June 3, 2019	Room 237 Main Building, HKU Main Campus
SBMS7200/MMPH6008 Genes and Gene Functions in Diseases	9:30 am – 11:30 am	Tuesday, June 4, 2019	Room 237 Main Building, HKU Main Campus
SBMS7500/MMPH6007 Advanced Cell Biology	2:30 pm – 4:30 pm	Tuesday, June 4, 2019	Room 237 Main Building, HKU Main Campus
SBMS7600/MMPH6009 Integrative Perspectives of Body Functions	9:30 am – 11:30 am	Wednesday, June 5, 2019	Room 237 Main Building, HKU Main Campus
SURG6910/MMPH6138 Laboratory Animal Handling and Surgical Techniques	2:30 pm – 4:30 pm	Wednesday, June 5, 2019	Room 237 Main Building, HKU Main Campus

January 2018

MMedSc Orientation (Compulsory)
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<u>Date</u>	<u>Time</u>	<u>Talk</u>	<u>Venue</u>
03.09.2018 (Mon)	18:30-19:00	Orientation by Professor Danny Chan, Chairman of Board of Studies of the MMedSc and Professor of the School of Biomedical Sciences	Mrs Chen Yang Foo Oi Telemedicine Centre, 2/F, William M.W. Mong Block

MMSC6002 Induction Course: Clinical Trials and Biostatistics (Compulsory)
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Course Coordinator(s) : Dr Helen Zhi, School of Public Health
(Tel no.: 3917 6706; Email: hzhi@hku.hk)

Lecture Venue : Mrs Chen Yang Foo Oi Telemedicine Centre, 2/F, William M.W. Mong Block

<u>Date</u>	<u>Time</u>	<u>Lecture Topic</u>	<u>Lecturer</u>
03.09.2018 (Mon)	19:00-21:30	Basic clinical trial designs, protocol development, basic data analysis method, data interpretation	Dr Helen Zhi

Note: Compulsory course. There will be no examination for the induction course, but students must attend all the lectures to satisfy the course requirement.

MMSC6001 Induction Course: Dissertation Writing (Compulsory) Semester 1
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Course Coordinator(s): Mr Simon Boynton, Centre for Applied English Studies
(Tel no.: 3917 7262; Email: sboynton@hku.hk)
Dr Ngeow Yeok Hwa, Karen, Centre for Applied English Studies
(Tel no.: 3917 7331; Email: karen.ngeow@hku.hk)

Lecture Venue : Group A-C: Seminar Room 7, LG1, Laboratory Block
Group D: Seminar Room 5, LG1, Laboratory Block

<u>Group A</u>	<u>Group B</u>	<u>Group C</u>	<u>Group D</u>	<u>Time</u>	<u>Lecture Topic</u>	<u>Lecturer</u>
15.11.2018 (Thu)	06.12.2018 (Thu)	10.01.2019 (Thu)	06.12.2018 (Thu)	18:30- 21:00	Communicative success in reporting research: research as communication; features of scientific/research language; signposting to guide the reader	Group A & D - Mr. Simon Boynton Group B - Ms. Laura Wakeland Group C - Dr. Daya Datwani
22.11.2018 (Thu)	13.12.2018 (Thu)	17.01.2019 (Thu)	13.12.2018 (Thu)	18:30- 21:00	The IMRAD formula: the structure of dissertations; the Introduction: stating the research gap and the research questions; the Discussion section: making claims about the research findings	Group A & D - Mr. Simon Boynton Group B - Ms. Laura Wakeland Group C - Dr. Daya Datwani
29.11.2018 (Thu)	20.12.2018 (Thu)	24.01.2019 (Thu)	20.12.2018 (Thu)	18:30- 21:00	Research ethics and citing research: referring to current knowledge; paraphrasing without plagiarizing; writer's stance and citation	Group A & D - Mr. Simon Boynton Group B - Ms. Laura Wakeland Group C - Dr. Daya Datwani

Note: Compulsory course. There will be no examination for the induction course, but students must attend all the lectures to satisfy the course requirement.

CMED7100 Introduction to Biostatistics (Semester 1)
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Core Course Coordinator(s) : Professor BJ Cowling, School of Public Health
(Tel no.: 3917 6711; Email: bcowling@hku.hk)
Dr CF Lee, School of Public Health
(Tel no.: 3917 6800; Email: fanlee@hku.hk)

Lecture Venue : Lecture Theatre 1, G/F, William MW Mong Block, 21 Sassoon Road
Lecture Theatre 2, G/F, William MW Mong Block, 21 Sassoon Road
* Lecture Theatre 4, G/F, William MW Mong Block, 21 Sassoon Road
^ Lecture Theatre, 2/F, Block T, Queen Mary Hospital

Mid-term Exam Date and Venue : Saturday, October 13, 2018 (09:30 – 11:30)
Seminar Rooms S1A, 1B, 2 and 3, The HKJC Bldg for Interdisciplinary Research, 5 Sassoon Road, Pokfulam, HK

Exam Date and Venue : Saturday, December 08, 2018 (09:30 – 11:30)
Flora Ho Sports Centre, HKU

<u>Week</u>	<u>Venue</u>	<u>Date</u>	<u>Time</u>	<u>Lecture Topic</u>	<u>Lecturer</u>
1	LT 1	08.09.2018 (Sat)	08:30-10:30	Exploratory data analysis	Dr CF Lee
2	LT 4*	15.09.2018 (Sat)	08:30-10:30	Regression and correlation	Dr CF Lee
3	TBC	TBC	TBC	Practical 1 (choose 1 timeslot only)	Tutors
4	LT 2#	22.09.2018 (Sat)	08:30-10:30	Probability	Dr CF Lee
5	LT 1	29.09.2018 (Sat)	08:30-10:30	Statistical inference	Dr CF Lee
6	TBC	TBC	TBC	Practical 2 (choose 1 timeslot only)	Tutors
7	LT 1	06.10.2018 (Sat)	08:30-10:30	Hypothesis tests	Dr CF Lee
8	TBC	TBC	TBC	Tutorial 1 (choose 1 timeslot only)	Tutors
9	HKJC-S1A, 1B, 2, 3	13.10.2018 (Sat)	09:30-11:30	Mid-term exam	Tutors
10	LT 4*	20.10.2018 (Sat)	08:30-10:30	Designing studies	Dr CF Lee
11	TBC	TBC	TBC	Practical 3 (choose 1 timeslot only)	Tutors
12	QTLT^	03.11.2018 (Sat)	08:30-10:30	Applied regression	Dr CF Lee
13	LT 1	10.11.2018 (Sat)	08:30-10:30	Analysis of survival data	Prof BJ Cowling
14	TBC	TBC	TBC	Practical 4 (choose 1 timeslot only)	Tutors
15	LT 1	17.11.2018 (Sat)	08:30-10:30	Statistics in practice	Dr CF Lee
16	TBC	TBC	TBC	Tutorial 2 (choose 1 timeslot only)	Tutors
17	TBC	08.12.2018 (Sat)	09:30-11:30	Examination	Tutors

Assessment:

- Assignments – 15%
- Mid-term exam – 15%
- Final examination – 70%

TAs: Ms Li Li; Mr Jacri Yang; Ms Qiqi Zhang; Ms Chua Hui Ying; Mr Daniel Lau; Ms Yu Jing; Ms Faith Ho
Tutors: Dr Ali Taslim; Ms Vicky Fang; Dr Jessica Wong; Ms Elaine Feng

CMED7200 Introduction to Epidemiology (Semester 1)

Core Course Coordinator(s) : Professor BJ Cowling, School of Public Health
(Tel no.: 3917 6711; Email: bcowling@hku.hk)

Lecture Venue : Lecture Theatre 1, G/F, William MW Mong Block, 21 Sassoon Road
@ Lecture Theatre 2, G/F, William MW Mong Block, 21 Sassoon Road
* Lecture Theatre 4, G/F, William MW Mong Block, 21 Sassoon Road
Room 02-019, 2/F, Block T, Queen Mary Hospital
^ Lecture Theatre, 2/F, Block T, Queen Mary Hospital

Mid-term Exam Date and Venue : **Saturday, October 27, 2018 (09:30 – 11:30)**
Seminar Rooms S1A, 1B, 2 and 3, The HKJC Bldg for Interdisciplinary Research, 5 Sassoon Road, Pokfulam, HK

Exam Date and Venue : **Saturday, December 15, 2018 (09:30-11:30)**
Loke Yew Hall, HKU Main Campus

<u>Week</u>	<u>Venue</u>	<u>Date</u>	<u>Time</u>	<u>Lecture Topic</u>	<u>Lecturer</u>
1	LT 4*	15.09.2018 (Sat)	10:50-12:50	Measures of occurrence	Prof BJ Cowling
2	LT 2@	22.09.2018 (Sat)	10:50-12:50	Measures of effect and association	Prof BJ Cowling
3	LT 1	29.09.2018 (Sat)	10:50-12:50	Randomized trials	Prof BJ Cowling
4	TBC	TBC	TBC	Tutorial 1 (choose 1 timeslot only)	Tutors
5	LT 1	06.10.2018 (Sat)	10:50-12:50	Cohort studies	Prof BJ Cowling
6	TBC	TBC	TBC	Tutorial 2 (choose 1 timeslot only)	Tutors
7	LT 4*	20.10.2018 (Sat)	10:50-12:50	Case-referent studies	Prof BJ Cowling
8	TBC	TBC	TBC	Tutorial 3 (choose 1 timeslot only)	Tutors
9	HKJC-S1A, 1B, 2 & 3	27.10.2018 (Sat)	09:30-11:30	Mid-term exam	Tutors
10	QTLT^	03.11.2018 (Sat)	10:50-12:50	Study designs	Prof BJ Cowling
11	LT 1	10.11.2018 (Sat)	10:50-12:50	Causal inference in epidemiology	Prof BJ Cowling
12	TBC	TBC	TBC	Tutorial 4 (choose 1 timeslot only)	Tutors
13	LT 1	17.11.2018 (Sat)	10:50-12:50	Bias, confounding and interaction	Prof BJ Cowling
14	TBC	TBC	TBC	Tutorial 5 (choose 1 timeslot only)	Tutors
15	BlockT, QMH #	24.11.2018 (Sat)	10:50-12:50	(TBC - qualitative studies)	Dr W Lam
16	LT 2 @	01.12.2018 (Sat)	10:50-12:50	Epidemiology in practice	Prof BJ Cowling
17	TBC	TBC	TBC	Tutorial 6 (choose 1 timeslot only)	Tutors
18	TBC	15.12.2018 (Sat)	09:30-11:30	Examination	Tutors

Assessment:

- Assignments – 15%
- Mid-term exam – 15%
- Final examination – 70%

TA: Ms Nicole Chau - email: nicolekt@hku.hk, Tel: 391 76733.

Tutors: Dr Jane Zhao, Dr Nancy Leung, Ms Wey Wen Lim, Ms Elaine Feng, Dr Celine Chui

PATH6100 Laboratory Methods and Instrumentation (Semester 1)

Core Course Coordinator(s) : Dr JWP Yam, Department of Pathology
 (Tel no.: 2255 2681; Email: judyam@pathology.hku.hk)
 Lecture Venue : Lecture Theatre, 2/F, Block T, Queen Mary Hospital
 Exam Date and Venue : **Tuesday, December 11, 2018 (9:30 am – 11:30 am)**
Room 105 Chong Yuet Ming Amenities Centre, HKU Main Campus

	<u>Date</u>	<u>Time</u>	<u>Lecture Topic</u>	<u>Lecturer</u>
1	01.09.2018 (Sat)	14:00-16:00	Protein analysis methods Assignment of essay topics	Dr JWP Yam
2	08.09.2018 (Sat)	14:00-16:00	Tissue processing and immunohistochemistry	Prof Annie NY Cheung/ Prof JM Nicholls
3	15.09.2018 (Sat)	14:00-16:00	Principle and applications of flow cytometry	Dr RWK Ip
4	22.09.2018 (Sat)	14:00-16:00	Advance immunofluorescent technologies in molecular study	Dr David W Chan
5	29.09.2018 (Sat)	14:00-16:00	Basic concepts in conventional and molecular cytogenetics	Prof TSK Wan
6	06.10.2018 (Sat)	14:00-16:00	Basic concepts in automated DNA sequencing and genotyping	Dr CTL Chan
7	13.10.2018 (Sat)	14:00-16:00	Mutation detection technologies	Prof SP Yip
8	20.10.2018 (Sat)	14:00-16:00	Epigenetics and methylation analysis	Dr JCM Wong
9	27.10.2018 (Sat)	14:00-16:00	Animal models for research	Dr CCL Wong
10	03.11.2018 (Sat)	14:00-16:00	Cancer stem cells: Methods and protocols	Dr TKW Lee

Additional 4 hours for MPhil/PhD/MRes[Med] candidates:

MMPH6001 : Laboratory Methods and Instrumentation
 Lecture Venue: Room 06-035, 6/F, Block T, Queen Mary Hospital

	<u>Date</u>	<u>Time</u>	<u>Lecture Topic</u>	<u>Lecturer</u>
11	02.11.2018 (Fri)	14:00-18:00	Student/Essay presentation	Dr JWP Yam/ Dr JCM Wong

* Deadline for the submission of essays: 15.11.2018 (Thu)

SBMS7100 Practical Bioinformatics (Semester 1)

Core Course Coordinator(s): Dr BCW Wong, School of Biomedical Sciences
(Tel no.: 3917 6807; Email: bcwwong@hku.hk)

Lecture Venue Mrs Chen Yang Foo Oi Telemedicine Centre, 2/F, William M.W. Mong Block

^ Yu Chung Keung Medical Library Knowledge Hub

**Exam Date and Venue : Monday, December 10, 2018 (14:30 – 16:30 pm)
Room 103 Main Building, HKU Main Campus**

	<u>Date</u>	<u>Time</u>	<u>Lecture Topic</u>	<u>Lecturer</u>
1	04.09.2018 (Tue)^	18:30-20:30	Biological databases; Information retrieval: Entrez	Dr BCW Wong
2	11.09.2018 (Tue)	18:30-20:30	Pair-wise sequence alignment: dotplot and dynamic programming	Dr BCW Wong
3	18.09.2018 (Tue)	18:30-20:30	Sequence database searches: BLAST	Dr BCW Wong
4	02.10.2018 (Tue)	18:30-20:30	Multiple Sequence Alignment	Dr BCW Wong
5	09.10.2018 (Tue)	18:30-20:30	Introduction to Genome Informatics	Dr JWH Wong
6	16.10.2018 (Tue)	18:30-20:30	Introduction to using Linux	Dr JWH Wong
7	23.10.2018 (Tue)	18:30-20:30	NGS sequence alignment	Dr JWH Wong
8	30.10.2018 (Tue)	18:30-20:30	Variant calling and annotation	Dr JWH Wong
9	06.11.2018 (Tue)	18:30-20:30	Phylogenetics: Theory/Multiple sequence alignment: motifs	Dr TTY Lam
10	13.11.2018 (Tue)	18:30-20:30	Phylogenetics: Algorithms/Gene prediction	Dr TTY Lam
11	20.11.2018 (Tue)	18:30-20:30	Phylogenetics: Advanced methods	Dr TTY Lam
12	27.11.2018 (Tue)	18:30-20:30	Phylogenetics: Applications	Dr TTY Lam

PHAR6100 Principles of Drug Action (Semester 1)

Core Course Coordinator(s) : Professor Y Wang, Department of Pharmacology and Pharmacy
(Tel no.: 3917 6864; Email: yuwanghk@hku.hk)

Lecture Venue : Mrs Chen Yang Foo Oi Telemedicine Centre, 2/F, William M.W. Mong Block
* A3-14, 3/F, Room A3-14, William M.W. Mong Block

Exam Date and Venue : **Wednesday, December 12, 2018 (14:30 – 16:30 pm)**
Room 6 Library Extension, HKU Main Campus

	<u>Date</u>	<u>Time</u>	<u>Lecture Topic</u>	<u>Lecturer</u>
1	05.09.2018 (Wed)	18:30-20:30	The fate of drugs in the body: their absorption, distribution, excretion and metabolism I	Dr JKS Ko
2	12.09.2018 (Wed)	18:30-20:30	The fate of drugs in the body: their absorption, distribution, excretion and metabolism II	Dr JKS Ko
3	19.09.2018 (Wed)	18:30-20:30	The theoretical basis of dose-response relationships	Dr SWS Leung
4	26.09.2018 (Wed)*	18:30-20:30	Dose-response relationships	Dr SWS Leung
5	03.10.2018 (Wed)	18:30-20:30	Molecular interactions between drugs and receptors I	Dr CWH Woo
6	10.10.2018 (Wed)	18:30-20:30	Molecular interactions between drugs and receptors II	Dr CWH Woo
7	24.10.2018 (Wed)	18:30-20:30	The development of drug tolerance, physical dependence and resistance	Dr GPH Leung
8	31.10.2018 (Wed)	18:30-20:30	The adverse effects of drugs and the mechanisms responsible	Dr JKS Ko
9	07.11.2018 (Wed)	18:30-20:30	Mechanisms of drug interactions	Dr CWH Woo
10	14.11.2019 (Wed)*	18:30-20:30	Genetic polymorphism and drug metabolism	Prof Y Wang
11	21.11.2018 (Wed)	18:30-20:30	Pharmacogenetics & pharmacogenomics	Prof Y Wang
12	28.11.2018 (Wed)	18:30-20:30	Immunological reactions to drugs	Prof Y Wang

Notes to ALL candidates:

- Students are required to hand in their CAL laboratory reports to the **Collecting Box** of Department of Pharmacology and Pharmacy (Laboratory Block, 2/F, Lift Lobby) two weeks after the session.
- Students are required to hand in their essays to the **Collecting Box** of Department of Pharmacology and Pharmacy (Laboratory Block, 2/F, Lift Lobby) by the end of Nov 2018.

PATH6600 Fundamentals of Common Human Diseases (Semester 1)
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Core Course Coordinator(s) : Dr RCL Lo, Department of Pathology
 (Tel no.: 2255 2688; Email: reginalo@pathology.hku.hk)
 Lecture Venue : Room 06-035, 6/F, Block T, Queen Mary Hospital
Exam Date and Venue : Wednesday, December 12, 2018 (9:30 – 11:30 am)
Room 3 Library Extension, HKU Main Campus

	<u>Date</u>	<u>Time</u>	<u>Lecture Topic</u>	<u>Lecturer</u>
1	06.09.2018 (Thu)	18:30-20:30	Global burden of disease	Dr DSY Ho
2	13.09.2018 (Thu)	18:30-20:30	Introduction to pathology and Immunology	Dr RWC Wong & Dr RWK Ip
3	20.09.2018 (Thu)	18:30-20:30	Common diseases of genital tract & case illustrations	Prof Annie NY Cheung & Dr PPC Ip
4	27.09.2018 (Thu)	18:30-20:30	Cardiovascular diseases & case illustrations Modalities of radiological imaging for diagnosis and management of human diseases	Prof JM Nicholls Dr KWH Chiu
5	04.10.2018 (Thu)	18:30-20:30	Common cancers in Hong Kong	Dr JWH Tsang
6	11.10.2018 (Thu)	18:30-20:30	Common diseases of the gastrointestinal tract	Prof IOL Ng & Dr RCL Lo
7	18.10.2018 (Thu)	18:30-20:30	Common vascular central nervous system diseases and dementia Common respiratory diseases – clinical patterns and basic pathology	Prof SY Leung Dr MP Wong
8	25.10.2018 (Thu)	18:30-20:30	Anaemia – What, Why and How? Case illustration on anaemia	Dr CF Sin
9	01.11.2018 (Thu)	18:30-20:30	Common breast diseases & case illustrations Common urinary diseases & case illustrations	Prof US Khoo Dr DYH Yap
10	08.11.2018 (Thu)	18:30-20:30	Toxicology in clinical practice	Dr MHL Tai

MEDI6500 Cell Metabolism (Semester 1)

Core Course Coordinator(s) : Professor A Xu, Department of Medicine
(Tel no.: 3917 9754; Email: amxu@hku.hk)

Lecture Venue : Mrs Chen Yang Foo Oi Telemedicine Centre, 2/F, William M.W. Mong Block

Exam Date and Venue : **Monday, December 10, 2018 (9:30 – 11:30 am)**
Room 237 Main Building, HKU Main Campus

	<u>Date</u>	<u>Time</u>	<u>Lecture Topic</u>	<u>Lecturer</u>
1	07.09.2018 (Fri)	18:30-20:30	Glucose metabolism and its regulation	Dr RLC Hoo
2	14.09.2018 (Fri)	18:30-20:30	Adipose tissue in metabolism	Dr RLC Hoo
3	21.09.2018 (Fri)	18:30-20:30	Regulation of metabolism by posttranslational modifications	Prof A Xu
4	28.09.2018 (Fri)	18:30-20:30	Metabolism and cell cycle control	Prof A Xu
5	05.10.2018 (Fri)	18:30-20:30	Genetic basis of metabolic diseases	Dr RLC Hoo
6	12.10.2018 (Fri)	18:30-20:30	Lipid metabolism and its regulation	Dr CWH Woo
7	26.10.2018 (Fri)	18:30-20:30	Metabolism and longevity	Dr. Hannah Hui
8	02.11.2018 (Fri)	18:30-20:30	Metabolic adaptation to nutritional and environmental changes	Dr. Hannah Hui
9	09.11.2018 (Fri)	18:30-20:30	Modern techniques for metabolic research I	Prof A Xu
10	16.11.2018 (Fri)	18:30-20:30	Workshop: Modern techniques for metabolic research II	Prof A Xu
11	23.11.2018 (Fri)	18:30-20:30	Recent advances in metabolomics and proteomics	Prof A Xu

PATH6300 General Cytopathology (Semester 1)

Core Course Coordinator(s) : Professor Annie NY Cheung, Department of Pathology
(Tel no.: 2255 2657; Email: anycheun@pathology.hku.hk)

Lecture Venue : Room 06-035, 6/F, Block T, Queen Mary Hospital
*Room 02-019, 2/F, Block T, Queen Mary Hospital

Exam Date and Venue : **Tuesday, December 11, 2018 (14:30 – 16:30 pm)**
Room 103 Main Building, HKU Main Campus

	<u>Date</u>	<u>Time</u>	<u>Lecture Topic</u>	<u>Lecturer</u>
1	10.09.2018 (Mon)	18:30-20:30	Organization of a cytopathology laboratory / Ethical and legal aspects of clinical cytopathology	Prof Annie NY Cheung
2	17.09.2018 (Mon)	18:30-20:30	Quality assurance program & laboratory accreditation	Dr PPC Ip
3	08.10.2018 (Mon)	18:30-20:30	Collection of cell samples & laboratory processing of cytology specimens	Dr PPC Ip
4	15.10.2018 (Mon)	18:30-20:30	How to diagnose malignancy in non-gynaecological exfoliated cytology and fine needle aspiration specimens?	Prof Annie NY Cheung
5	22.10.2018 (Mon) *	18:30-20:30	Practical workshop on non-gynaecological exfoliated cytopathology	Dr RWC Wong / Ms Eva Chan / Ms Heidi Fung
6	29.10.2018 (Mon)	18:30-20:30	How to diagnose malignancy in gynaecological cytology specimens?	Prof Annie NY Cheung
7	05.11.2018 (Mon)*	18:30-20:30	Practical workshop on gynaecological cytopathology	Dr PPC Ip / Ms Obe Tsun
8	12.11.2018 (Mon)*	18:30-20:30	Practical workshop on fine needle aspiration cytopathology	Dr MP Wong / Ms Eva Chan / Ms Heidi Fung
9	19.11.2018 (Mon)	18:30-20:30	Recent advances in cytopathology	Prof Annie NY Cheung
10	26.11.2018 (Mon)	18:30-20:30	Clinical relevance of cytology consultation reports – implications on management	Dr KF Tam / Dr WM Ng

Additional 4 hours for MPhil/PhD/MRes[Med] candidates:

MMPH6016 : General Cytopathology

Lecture Venue: Room 06-035, 6/F, Block T, Queen Mary Hospital

	<u>Date</u>	<u>Time</u>	<u>Lecture Topic</u>	<u>Lecturer</u>
11	26.11.2018 (Mon)	14:00-18:00	Discussion on Essay Topics	Prof Annie NY Cheung

SBMS7500 Advanced Cell Biology (Semester 2)
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Core Course Coordinator(s) : Professor DKY Shum, School of Biomedical Sciences
(Tel no.: 3917 9171; Email: shumdkhk@hku.hk)

Dr LW Lim, School of Biomedical Sciences
(Tel no.: 3917 6830; Email: limlw@hku.hk)

Lecture Venue : Mrs Chen Yang Foo Oi Telemedicine Centre, 2/F, William M.W. Mong Block

Exam Date and Venue : **Tuesday, June 4, 2019 (14:30 – 16:30 pm)**
Room 237 Main Building, HKU Main Campus

	<u>Date</u>	<u>Time</u>	<u>Lecture Topic</u>	<u>Lecturer</u>
1	11.02.2019 (Mon)	18:30-20:30	Essential components of the cell	Dr YP Ching
2	18.02.2019 (Mon)	18:30-20:30	Cell cycle and cell divisions	Dr KM Yao
3	25.02.2019 (Mon)	18:30-20:30	Cell survival and apoptosis	Dr NS Wong
4	04.03.2019 (Mon)	18:30-20:30	Calcium signals in cellular communication	Dr KH Cheung
5	11.03.2019 (Mon)	18:30-20:30	Hedgehog signalling in development	Dr B Gao
6	18.03.2019 (Mon)	18:30-20:30	Cellular stress response	Dr NS Wong
7	25.03.2019 (Mon)	18:30-20:30	Cell-cell interaction	Prof Q Hao
8	01.04.2019 (Mon)	18:30-20:30	Cell disorders	Dr LW Lim
9	08.04.2019 (Mon)	18:30-20:30	Glial cell biology	Prof DKY Shum
10	15.04.2019 (Mon)	18:30-20:30	Intracellular transport in neuron	Dr KO Lai
11	29.04.2019 (Mon)	18:30-20:30	Neuronal and glial cell migration	Dr CSW Lai
12	06.05.2019 (Mon)	18:30-20:30	iPSC-derived neural stem cell	Dr E Ngan

Attendance is compulsory because course assessment of each candidate will be carried out.

Additional 4 hours for MPhil/PhD/MRes[Med] candidates:

MMPH6007 : Advanced Cell Biology

Lecture Venue : Seminar Room 4, G/F, Laboratory Block

	<u>Date</u>	<u>Time</u>	<u>Lecture Topic</u>	<u>Lecturer</u>
11	14.05.2019 (Tue)	09:00-13:00	Student Presentation	Drs LW Lim and CW Lee

SBMS7200 Genes and Gene Functions in Diseases (Semester 2)

Core Course Coordinator(s) : Dr YQ Song, School of Biomedical Sciences
(Tel no.: 3917 9245; Email: songy@hku.hk)

Lecture Venue : Mrs Chen Yang Foo Oi Telemedicine Centre, 2/F, William M.W. Mong Block
* Seminar Room 4, G/F, Laboratory Block

**Exam Date and Venue : Tuesday, June 4, 2019 (9:30 – 11:30 am)
Room 237 Main Building, HKU Main Campus**

	<u>Date</u>	<u>Time</u>	<u>Lecture Topic</u>	<u>Lecturer</u>
1	12.02.2019 (Tue)	18:30-20:30	Complex genetic diseases	Dr YQ Song
2	19.02.2019 (Tue)	18:30-20:30	Molecular basis of genetic disease	Prof JD Huang
3	26.02.2019 (Tue)	18:30-20:30	Reverse genetics and cloning of human disease genes: the cystic fibrosis gene	Dr KM Yao
4	05.03.2019 (Tue)	18:30-20:30	Introduction to protein structure and function	Dr CM Qian
5	12.03.2019 (Tue)	18:30-20:30	Protein dysfunction and disease	Prof D Chan
6	19.03.2019 (Tue)	18:30-20:30	Molecular mechanisms of ageing	Prof ZJ Zhou
7	26.03.2019 (Tue)	18:30-20:30	Immunological disease	Dr VSF Chan
8	02.04.2019 (Tue)	18:30-20:30	Gene Function analysis: model organism and transgenic animals	Prof KSE Cheah
9	09.04.2019 (Tue)	18:30-20:30	Epigenomics analysis	Dr RK Ng
10	16.04.2019 (Tue)*	18:30-20:30	Next generation sequencing	Prof JD Huang
11	23.04.2019 (Tue)	18:30-20:30	Stem cell and regenerative medicine	Prof P Liu
12	30.04.2019 (Tue)	18:30-20:30	Immune checkpoint therapy	Prof DY Jin

PATH6700 Recent Advances in Cancer Biology (Semester 2)
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Core Course Coordinator(s) : Dr CCL Wong, Department of Pathology
 (Tel no.: 2255 2689; Email: carmencl@pathology.hku.hk)
 Dr JCM Wong, Department of Pathology
 (Tel no.: 2831 5518; Email: jackwong@pathology.hku.hk)

Lecture Venue : Room 06-035, 6/F, Block T, Queen Mary Hospital

Exam Date and Venue : Monday, June 3, 2019 (14:30 – 16:30 pm)
Room 237 Main Building, HKU Main Campus

	<u>Date</u>	<u>Time</u>	<u>Lecture Topic</u>	<u>Lecturer</u>
1.	13.02.2019 (Wed)	18:30-20:30	Cancer Metabolism	Dr CCL Wong
2.	20.02.2019 (Wed)	18:30-20:30	Cancer Metastasis	Dr JWP Yam
3.	27.02.2019 (Wed)	18:30-20:30	Cancer Epigenetics	Dr JCM Wong
4.	06.03.2019 (Wed)	18:30-20:30	Cancer Stem Cells	Dr TKW Lee
5.	13.03.2019 (Wed)	18:30-20:30	Genetic Aspects of Cancer Heterogeneity	Dr JCM Wong
6.	27.03.2019 (Wed)	18:30-20:30	Tumor Microenvironment	Dr CCL Wong
7.	03.04.2019 (Wed)	18:30-20:30	RNA Splicing in Cancer	Dr KH Kok
8.	10.04.2019 (Wed)	18:30-20:30	Surgical Pathology in Management and Prognostication of Common Human Cancers	Dr RCL Lo
9.	17.04.2019 (Wed)	18:30-20:30	Mouse Models in Cancer Research	Dr TKW Lee
10.	24.04.2019 (Wed)	18:30-20:30	Cancer Immunology	Dr CCL Wong

SBMS7600 Integrative Perspectives of Body Functions (Semester 2)

Core Course Coordinator(s) : Dr CW Lee, School of Biomedical Sciences
(Tel no.: 3917 9202; Email: chiwai.lee@hku.hk)

Lecture Venue : Mrs Chen Yang Foo Oi Telemedicine Centre, 2/F, William M.W. Mong Block
* Seminar Room 6, Laboratory Block

**Exam Date and Venue : Wednesday, June 5, 2019 (9:30 – 11:30 am)
Room 237 Main Building, HKU Main Campus**

	<u>Date</u>	<u>Time</u>	<u>Lecture Topic</u>	<u>Lecturer</u>
1	15.02.2019 (Fri)	18:30-20:30	Introduction to body functions and homeostasis	Dr CW Lee
2	22.02.2019 (Fri)	18:30-20:30	Temporal regulation of body functions: Circadian rhythm and melatonin	Dr SYW Shiu
3	01.03.2019 (Fri)	18:30-20:30	Hypoxia physiology	Dr ML Fung
4	08.03.2019 (Fri)	18:30-20:30	Metabolic adaptations to environmental changes	Dr NS Wong
5	15.03.2019 (Fri)	18:30-20:30	Body weight regulation and obesity	Dr CB Chan
6	22.03.2019 (Fri)	18:30-20:30	Neuromuscular control of movement	Dr CW Lee
7	29.03.2019 (Fri)	18:30-20:30	Motor coordination and disorders	Dr LW Lim
8	11.04.2019 (Thu)*	18:30-20:30	Brain stimulation therapy	Dr LW Lim
9	26.04.2019 (Fri)	18:30-20:30	Cognition and behaviour	Dr CSW Lai
10	03.05.2019 (Fri)	18:30-20:30	Psychiatric disorders	Dr CSW Lai
11	10.05.2019 (Fri)	18:30-20:30	Sensation and perception	Prof YS Chan
12	17.05.2019 (Fri)	18:30-20:30	Inflammation and immune mechanisms in neurodegenerative diseases	Dr VSF Chan

Additional 4 hours for MPhil/PhD/MRes[Med] candidates:

MMPH6009 : Integrative Perspectives of Body Functions
Lecture Venue : Mrs Chen Yang Foo Oi Telemedicine Centre, 2/F, William M.W. Mong Block

	<u>Date</u>	<u>Time</u>	<u>Lecture Topic</u>	<u>Lecturer</u>
13	31.05.2019 (Fri)	18:30-20:30	Presentation & Discussion on selected topics	Dr CW Lee Dr LW Lim

SURG6910 Laboratory Animal Handling and Surgical Techniques (Semester 2)

Core Course Coordinator(s): Dr VCH Lui, Department of Surgery
 (Tel no.: 3917 9607; Email: vchlui@hku.hk)
 Lecture Venue : Seminar Room 7, G/F, Laboratory Block
Exam Date and Venue : Wednesday, June 5, 2019 (14:30 – 16:30 pm)
Room 237 Main Building, HKU Main Campus

	<u>Date</u>	<u>Time</u>	<u>Lecture Topic</u>	<u>Lecturer</u>
1	16.02.2019 (Sat)	09:00-09:30	Introduction and Course Orientation	Dr VCH Lui
		09:30-12:00	Animal Models for Human Diseases	Dr VCH Lui
2	23.02.2019 (Sat)	09:00-11:45	Genetically Modified (GM) Animal Disease Models	Dr VCH Lui
3	02.03.2019 (Sat)	09:00-11:45	Cancer Models	Dr NPY Lee
4	09.03.2019 (Sat)	09:00-11:45	Transplantation Models	Professor K Man
5	23.03.2019 (Sat)	09:00-11:45	Humanized Mouse	Dr STS Wong
6	30.03.2019 (Sat)	09:00-12:00	Transplantation Immunology	Dr KKY Wong
7	06.04.2019 (Sat)	09:00-11:00	Ethics in using laboratory animals; University and Government regulations governing the use of animals for experimental purpose; Common laboratory animal species in the Laboratory Animal Unit	Dr JLL Go
		11:00-12:00	Audio-visual instruction on animal handling techniques	Dr CYH Leung & Dr D Rowlands

Additional 4 hours for MPhil/PhD/MRes[Med] candidates:

MMPH6138 : Laboratory Animal Handling and Surgical Techniques
 Lecture Venue : Experimental Surgery Unit, 10/F, Laboratory Block

	<u>Date</u>	<u>Time</u>	<u>Lecture Topic</u>	<u>Lecturer</u>
8	06.04.2019 (Sat)	13:00-17:00	Animal Surgical Techniques & Practical Session	Dr PHY Chung and Dr VCH Lui

PATH6500 Practical Course in Laboratory Methods (Semester 2)
(Prerequisite: PATH6100 Laboratory Methods and Instrumentation)

Core Course Coordinator(s): Dr JWP Yam, Department of Pathology
 (Tel No.: 2255 2681; Email: judyam@pathology.hku.hk)
 Lecture Venue : Room 02-019, 2/F, Block T, Queen Mary Hospital
Exam Date and Venue : Monday, June 3, 2019 (9:30 – 11:30 am)
Room 237 Main Building, HKU Main Campus

	<u>Date</u>	<u>Time</u>	<u>Lecture Topic</u>	<u>Lecturer</u>
1	13.04.2019 (Sat)	09:00-12:00 13:00-15:00	Tissue processing, immunohistochemistry and histological analysis	Dr RCL Lo Dr AHN Tang
2	27.04.2019 (Sat)	09:00-12:00 13:00-15:00	Basic tissue culture techniques and flow cytometry analysis	Dr CCL Wong Dr RWK Ip
3	04.05.2019 (Sat)	09:00-12:00 13:00-15:00	Extraction methods for DNA, RNA and protein and electrophoresis	Dr JWP Yam
4	11.05.2019 (Sat)	09:00-12:00 13:00-15:00	Reverse transcription, polymerase chain reaction, DNA sequencing and genotyping	Dr CM Wong