

The Hong Kong Polytechnic University
Faculty of Health and Social Science

DOCTOR OF HEALTH SCIENCE

Offering pattern for Subjects of DHSc (06001) for 2024/25 and 2025/26 (Tentative)

A. Compulsory Subjects:

Subject Code	Subject Title	2024/25 Sem 1	2024/25 Sem 2	2025/26 Sem 1	2025/26 Sem 2
HTI5T04	Academic Integrity and Ethics (Health and Social Sciences)	✓	✓	✓	✓

Remark: Student admitted from 2024/25 onwards should complete HTI5T04, a 1-credit subject, normally at their first semester/year of study. Normally speaking, full-time students are expected to complete it in Sem 1, while part-time students can take it in Sem 2.

Subject Code	Subject Title	2024/25 Sem 1	2024/25 Sem 2	2025/26 Sem 1	2025/26 Sem 2
APSS6003	Advanced Quantitative Methods	✓		✓	
APSS6402 (HSS6009)	Issues in Health Sociology	✓		✓	
APSS6403 (HSS6002)	Health Care Ethics		✓		✓
HSS6011 (MM652)	Health Economics		✓		✓
HSS6012	Health Systems: Management and Organisation	✓		✓	
SN6007 (HSS6007)	Evidence Based Practice		✓		✓

Remarks: Students admitted from 2019/20 onwards should complete any 4 out of the above subjects to fulfil the Compulsory subject requirement. If students complete more than 4 of the above subjects, the extra subject(s) will be counted as an elective. Students admitted before 2019/20 should complete APSS6003, APSS6403, SN6001 and either HSS6011 or APSS6402. If both HSS6011 and APSS6402 are completed, one of the subjects will be counted as an elective.

B. Elective Subjects (generic):

Subject Code	Subject Title	2024/25 Sem 1	2024/25 Sem 2	2025/26 Sem 1	2025/26 Sem 2
AMA601	Advanced Statistics in Health Care Research			✓ (tbc)	
APSS601	Health and Social Policy Analysis		✓		
APSS6401 (HSS6005)	Advanced Methods in Qualitative Health Care Research				✓
HSS6008	Independent Study in a Substantive Specialty [^]	✓	✓	✓	✓
LGT5037	Project Management*	✓		✓	
SN5122	Innovations in Learning and Teaching for Healthcare Education [#]			✓	
SN6001 (HSS6001)	Concept Analysis in Health Care				✓
SN6006 (HSS6006)	Information Technology in Health Care	✓		✓	

[^]HSS6008 can be counted as a specialty subject.

*LGT5037 is also offered in the Summer Term.

[#]SN5122 can be taken as a generic subject or as a specialty subject for students who intend to pursue for the nursing specialism award.

C. Specialty Subjects

Medical Imaging and Radiation Science

Subject Code	Subject Title	2024/25 Sem 1	2024/25 Sem 2	2025/26 Sem 1 (tbc)	2025/26 Sem 2 (tbc)
AP50002	Radiation Protection and Radiation Safety		✓		✓

HTI5002	Radiation Therapy Physics		✓		✓
HTI5003	Medical Imaging Physics		✓		✓
HTI5005	Ethical Issues in Medicine and Research	✓		✓	
HTI5052	Bioinformatics in Health Sciences	✓		✓	
HTI5701	Multiplanar Anatomy	✓		✓	
HTI5716	Advanced Radiotherapy Planning and Dosimetry			✓	
HTI5718	Advanced Technology and Clinical Application in Magnetic Resonance Imaging	✓			
HTI5720	Digital Imaging and PACS		✓		✓
HTI5725	Advanced Technology and Clinical Application in Nuclear Medicine Imaging	✓			
HTI6104	Advanced Medical Image Analysis with Deep Learning (Subject to approval)		✓		✓

Medical Laboratory Science

Subject Code	Subject Title	2024/25 Sem 1	2024/25 Sem 2	2025/26 Sem 1 (tbc)	2025/26 Sem 2 (tbc)
HTI5601	Epidemiology		✓		
HTI5602	Immunology				✓
HTI5603	Molecular Technology in the Clinical Laboratory	✓		✓	
HTI5612	Clinical Chemistry		✓		
HTI5613	Haematology & Transfusion Science	✓			

HTI5614	Histopathology & Cytology				✓
HTI5615	Medical Microbiology			✓	
HTI5620	Clinical Applications of Molecular Diagnostics in Healthcare		✓		✓
HTI5627	Cell and Gene Therapy in Healthcare (<i>Subject to approval</i>)		✓		

Nursing

Subject Code	Subject Title	2024/25 Sem 1	2024/25 Sem 2	2025/26 Sem 1	2025/26 Sem 2
SN501	Concepts of Advanced Nursing Practice	✓	✓	✓	✓
SN523	Care of Older Persons with Cognitive Impairment	✓			
SN5120	Curriculum Development and Evaluation in Nursing		✓		
SN5122	Innovations in Learning and Teaching for Healthcare Education			✓	

Occupational Therapy

Subject Code	Subject Title	2024/25 Sem 1	2024/25 Sem 2	2025/26 Sem 1	2025/26 Sem 2
RS510	Neuropsychological Rehabilitation			<i>tbc</i>	<i>tbc</i>
RS538	Psychometric Theory & Practice			<i>tbc</i>	<i>tbc</i>
RS588	Theories and Practice of Counseling for Rehabilitation and Health Professionals			<i>tbc</i>	<i>tbc</i>
RS602	Advanced Studies in Applied Cognitive Neuroscience in Rehabilitation			<i>tbc</i>	<i>tbc</i>
RS606	Advanced Study in Autism Spectrum Disorder	✓		<i>tbc</i>	<i>tbc</i>

Optometry

DHSc students pursuing for graduation with the optometry specialism who has not taken any specialty subject before are advised to take HSS6008 'Independent Study in a Substantive Specialty' to fulfil the specialty subject requirement.

Physiotherapy

Subject Code	Subject Title	2024/25 Sem 1	2024/25 Sem 2	2025/26 Sem 1	2025/26 Sem 2
RS5210	Contemporary Issues in Exercise Science and Prescription			<i>tbc</i>	<i>tbc</i>
RS5216	Musculoskeletal Injury and Repair			<i>tbc</i>	<i>tbc</i>
RS600	Diagnostic Procedures in Musculoskeletal Physiotherapy			<i>tbc</i>	<i>tbc</i>
RS6001	Neuroscience Investigation			<i>tbc</i>	<i>tbc</i>
RS6004	Advances in Congenital Pathophysiology and Pediatric Rehabilitation		✓	<i>tbc</i>	<i>tbc</i>

Prosthetics and Orthotics

Subject Code	Subject Title	2024/25 Sem 1	2024/25 Sem 2	2025/26 Sem 1	2025/26 Sem 2
BME5125	Clinical and Sports Biomechanics		✓		✓
BME5130	Advanced Prosthetics and Orthotics	✓		✓	
BME5133	Modern Rehabilitation Engineering and Robotics		✓		✓
BME5151	Intellectual Property, Standards and Regulations of Medical Devices (<i>may phase out</i>)				
BME5180	Sports-related Technologies		✓		✓

Updated in August 2024