

Yuanpei University of Medical Technology 2023 Curriculum

Master Program Medical Imaging and Radiological Technology

1st semester (2023)						2nd semester(2024)						3rd semester(2025)						4th semester(2026)									
Field	Subject		1st		2nd		Field	Subject		1st		2nd		Field	Subject		1st		2nd		Field	Subject		1st		2nd	
			Cr.	Hr.	Cr.	Hr.				Cr.	Hr.	Cr.	Hr.				Cr.	Hr.	Cr.	Hr.				Cr.	Hr.	Cr.	Hr.
B	Seminar (I)		1	2			B	Technical Writing (I)		2	2																
B	Medical Image Processing (I)		2	2			B	Seminar (III)		1	2																
B	Special Topics on Medical Imaging and Radiological Technology		2	2			C	Special Topics on Medical Imaging		2	2																
C	Radiological Molecular Biology		2	2			C	Special Topics on Health Physics		2	2																
C	Research Methodology & Thesis Writing		2	2			C	Advanced Radiation Dosimetry		2	2																
C	Programming and Application		2	2			C	Image recognition using Machine-Learning technology		2	2																
C	Advanced Biostatistics(I)		2	2			C	Experiments of Medical Image Qa and Qc		2	2																
C	Advanced Physics of Radiology		2	2			C	Computed Tomography and Application		2	2																
C	Advanced Magnetic Resonance Imaging		2	2			C	Medical Image Analysis		2	2																
C	Cancer Medicine (I)		2	2			C	Application of medical virtual reality		2	2																
C	Clinical Diagnostic Sonography (I)		2	2			B	Technical Writing (II)				2	2														
B	Seminar (II)				1	2	B	Seminar (IV)				1	2														
B	Medical Image Processing (II)				2	2	B	Thesis				6	6														
C	The principle of image recognition with artificial intelligence				2	2	C	Special topics on image guided radiation therapy				2	2														
C	Advanced Biostatistics(II)				2	2																					
C	Special Topics of Advance Radiation Therapy				2	2																					
C	Advanced Medical Physics				2	2																					
C	Cancer Medicine (II)				2	2																					
C	Clinical Diagnostic Sonography (II)				2	2																					

Academic Regulation

[At least 34 credits are required for graduation]
 (1) B. Professional Core Courses: 20 credits.
 (2) C. Professional Electives: 14 credits. Elective courses within the same program can be counted toward the required professional elective credits.
 (3) Master's students may apply to have up to 2 courses from other departments counted as elective credits, subject to approval by the department chair.
 (4) Master's students must complete a course on the "Taiwan Academic Ethics Education Resource Center" platform and pass the final exam with a qualifying score in order to obtain a certificate of completion online, which is required before applying for the degree examination.
 (Approved by the University Curriculum Committee on 2023.03.10)

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