

※ Detailed information on digital self-learning courses, please refer to the FAQ page.

ENRA121_List of Courses and Credits

List of Courses for In-Service Master Program in Artificial Intelligence in Medicine in TMU (Applicable to Newly -Admitted Students from 111 Academic Year)																		
Category	Course title	Credits	Required/Elective	Full /Half Year	Grade Level 1 Fall Spring	Grade Level 2 Fall Spring	Grade Level 3 Fall Spring	Grade Level 4 Fall Spring	Minor	Double Major	Language	Distance Education	Remarks					
Core Courses for Postgraduate (Required)	Research ethics	0	R	H	0	0					Chinese	✓	Required to complete Research ethics course once before graduation.					
	Research ethics	0	R	H	0	0					English	✓	Required to complete Research ethics course once before graduation.					
Core Courses for Postgraduate (Required) Subtotal credits		0			0	0	0	0	0	0								
Core Courses for Master Students in College (Required)	Seminar	1	R	H	1						Chinese							
	Seminar	1	R	H	1						English							
	Seminar	1	R	H		1					Chinese							
	Seminar	1	R	H		1					English							
	Seminar	1	R	H			1				Chinese							
	Seminar	1	R	H			1				English							
	Seminar	1	R	H				1			Chinese							
	Seminar	1	R	H				1			English							
Core Courses for Master Students in College (Required) Subtotal credits		8			2	2	2	2	0	0	0	0						
Required Courses	Medical decision support systems	2	R	H	2						Chinese	✓						
	Machine learning	2	R	H	2						Chinese							
	Basic computer programing	2	R	H	2						English							
	Advanced computer programming	2	R	H		2					English							
	Application of artificial intelligence in medicine	2	R	H			2				Chinese							
Required Courses Subtotal credits		10			6	2	2	0	0	0	0							
Thesis	Thesis	6	R	H			6	6			Chinese		Need to take the course in the graduation semester					
Thesis Subtotal credits		6			0	0	6	6	0	0	0	0						
Elective Courses	Biological signal analysis	3	E	H	3						Chinese							
	Artificial intelligence in medical image processing	3	E	H		3					Chinese	✓						
	Application of artificial intelligence in genomics	2	E	H		2					English	✓						
	Biodesign for digital health	2	E	H			2				Chinese							
Elective Courses Subtotal credits		10			3	5	0	2	0	0	0	0						
Core Courses for Postgraduate Students in College (Elective)	Online learning(College of medicine 2.0)	2	E	H	2	2					English	✓	Detailed information on digital self-learning courses, please refer to the FAQ page.					
	Online learning(College of medicine 1.0)	1	E	H	1	1					English	✓	Detailed information on digital self-learning courses, please refer to the FAQ page.					
Core Courses for Postgraduate Students in College (Elective) Subtotal credits		3			3	3	0	0	0	0	0	0						
Credits Required		Required core courses : 4 credits Required courses : 10 credits Type : Thesis credits : 6 credits									Elective Credits Required		Elective courses : 10 credits Can waived : Any postgraduate courses in TMU credits : 10credits					
Total Credits Required for Graduation		30 credits							Maximum credits can be waived					12 credits				
Notes for Graduating Requirement		Remarks: Under the regulation of "Implementation Regulations Governing Distance Education at Institutions of Higher Education", the Professional Master Program in Artificial Intelligence in Medicine (AIIM)recognizes and counts equal or less than 10 credits (one third of total credits from graduation) from the distance learning courses as the number of the total credits for graduation.																
Approved by Academic Affairs Meeting on (time, date)		111/12/06																