

Year of Admission : Degree Program : Department/Graduate Institute/Degree Program :

※According to the regulation offered by Ministry of Education, credits from distance learning shall not exceed half of total graduation credits.

List of Courses and Credits (old version) : [Link](#)

ENRA121 List of Courses and Credits

List of Courses for Professional Master Program in Artificial Intelligence in Medicine in TMU (Applicable to Newly -Admitted Students from 110 Academic Year)

Category	Course title	Credits	Required/Elective	Full Half Year	Grade Level 1		Grade Level 2		Grade Level 3		Grade Level 4		Minor	Double Major	Language	Distance Education	Remarks
					Fall	Spring	Fall	Spring	Fall	Spring	Fall	Spring					
Core Courses for Postgraduate (Required)	Research ethics	0	R	H	0	0									Chinese	✓	Required to complete ethics course once before graduation. Research course before graduation.
	Research ethics	0	R	H	0	0									English	✓	Required to complete ethics course once before graduation. Research course before graduation.
Core Courses for Postgraduate (Required) Subtotal credits		0			0	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 programming	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	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	✓	
	Artificial intelligence in medicine practice	2	E	H			2								Chinese		
Elective Courses Subtotal credits		10			6	2	0	2	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 courses at the same degree 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 (AIMM) 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)	110/05/19																