

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	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	0	0						
Core course for in-service master students in college (Required)	Seminar	1	R	H	1										Chinese			
	Seminar	1	R	H		1									Chinese			
	Seminar	1	R	H			1								Chinese			
	Seminar	1	R	H				1							Chinese			
Core course for in-service master students in college (Required) Subtotal credits		4			1	1	1	1	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	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					
Core Courses for Postgraduate (Elective)	Health data analysis	2	E	H	2										Chinese	✓		
Core Courses for Postgraduate (Elective) Subtotal credits		2				2	0	0	0	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	2	0	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.	
	Moon-Shan biomedical research forum	1	E	H	1										English			
	Moon-Shan biomedical research forum	1	E	H		1									English			
	Core Courses for Postgraduate Students in College (Elective) Subtotal credits		5				4	4	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		Complete the Thushan Research or Study Passport before applying for the degree examination (before graduation, you must participate in lectures or seminars related to artificial intelligence medical applications inside and outside the school for at least 36 hours and no credits will be included)																
Approved by Academic Affairs Meeting on (time, date)		114/05/20																