

Year of Admission : 112

Degree Program : D-Doctoral Degree

Department/Graduate Institute/Degree Program : D252 -Ph.D. Program in Graduate Institute of Biomedical Materials and T

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

※ [Detailed information on digital self-learning courses, please refer to the FAQ page.](#)

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

ENRA121 List of Courses and Credits

List of Courses for Ph.D. Program in Graduate Institute of Biomedical Materials and Tissue Engineering in TMU (Applicable to Newly -Admitted Students from 112 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	Grade Level 5 Fall/Spring	Grade Level 6 Fall/Spring	Grade Level 7 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	0	0	0			
Core Courses for Postgraduate Students in College (Required)	Seminar	1	R	H	1									English		
	Seminar	1	R	H		1								English		
	Seminar	1	R	H			1							English		
	Seminar	1	R	H				1						English		
Core Courses for Postgraduate Students in College (Required) Subtotal credits		4			1	1	1	1	0	0	0	0	0			
Core Courses for PhD Students in College (Required)	Special topics in Moon -Shan academia - industry forum	1	R	H	1									English		
	Advanced thesis writing	2	R	H		2								English		
	Special topics in Moon -Shan academia - industry forum	1	R	H		1								English		
Core Courses for PhD Students in College (Required) Subtotal credits		4			1	3	0	0	0	0	0	0	0			
Required Courses	Advanced biomedical materials	2	R	H	2									English		
	Special topics in drug delivery system	2	R	H	2									English		
	Advanced tissue engineering	2	R	H		2								English		
Required Courses Subtotal credits		6			4	2	0	0	0	0	0	0	0			
Dissertation	Dissertation	12	R	H		12	12							Chinese		
Dissertation Subtotal credits		12			0	0	12	12	0	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	0		
Core Courses for PhD Students in College (Elective)	Advanced mechanics of biomaterials	2	E	H		2								English		
	Biological interactions on materials surfaces	2	E	H		2								English		
	Bioprocessing	2	E	H		2								English		
	Nanocarriers for drug delivery	2	E	H		2								English		
	Advanced biomedical	2	E	H		2								English		

engineering Biomedical engineering for molecular diagnostics and therapeutics	2	E	H	2															English
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Core Courses for PhD Students in College (Elective) Subtotal credits	12			0	12	0	0	0	0	0	0	0	0	0	0	0			
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Credits Required	Required core courses : 8 credits Featured courses(required) : 6 credits Type : Dissertation credits : 12 credits	Elective Credits Required	Elective core courses : 4 credits Can waived : Any courses at the same degree in TMU credits : 4credits
Total Credits Required for Graduation	30 credits	Maximum credits can be waived	9 credits

Notes for Graduating Requirement Approved by Academic Affairs Meeting on (time, date)	112/05/17
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