

Year of Admission : 109

Degree Program : D-Doctoral Degree

Department/Graduate

Institute/Degree Program

D252 -Ph.D. Program in Graduate Institute of Biomedical Materials and Tissue Engineering

※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 Ph.D. Program in Graduate Institute of Biomedical Materials and Tissue Engineering in TMU (Applicable to Newly -Admitted Students from 109 Academic Year)

Category	Course title	Credits	Required/Elective	Full /Half Year	Grade Level 1		Grade Level 2		Grade Level 3		Grade Level 4		Grade Level 5		Grade Level 6		Grade Level 7		Minor	Double Major	Language	Distance Education	Remarks
					Fall	Spring	Fall	Spring	Fall	Spring	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	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	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	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	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	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		
	Applications of tissue engineering in regenerative medicine	2	E	H	2																English		
	Nanocarriers for drug delivery	2	E	H	2																English		
Core Courses for PhD Students in College (Elective) Subtotal credits		12			0	12	0	0	0	0	0	0	0	0	0	0	0	0					
Credits Required		Required core courses : 8 credits Featured courses(required) : 6 credits Type : Dissertation credits : 12 credits									Elective Credits Required									Elective 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)		109/05/13																					