

Year of 108 Admission :

Degree Program : D-Doctoral Degree

Department/Graduate

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

\*\*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 108  Academic Year)																							
Category	Course title	Credits	Required/Elective	Full /Half Year	Le	rade evel 1 Spring	Le	rade evel 2 Spring	G Le	rade evel 3	G Le	rade evel 4	Le	rade evel 5 Spring	Le	rade evel 6 Spring	L		Minor	Double Major	Language	Distance Education	Remarks
Core Courses for Postgraduate (Required)	Research ethics	0	R	Н		0						,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,									Chinese	<b>√</b>	Required to complete Research ethics course once before graduation.
	Research ethics	0	R	Н	0	0															English	<b>✓</b>	Required to complete Research ethics course once before graduation.
Postgraduat	courses for e (Required) al credits	0			0	0	0	0	0	0	0	0	0	0	0	0	0	0					
	Moon - Shan academia - industry forum	1	R	Н	1																English		
Core Courses	Seminar	1	R	Н	1																English		
for Postgraduate	Thesis writing	2	R	Н		2															English		
Students in College (Required)	Moon - Shan academia - industry forum	1	R	Н		1															English		
	Seminar	1	R	Н		1															English		
	Seminar	1	R	Н			1														English		
Postgraduate College (Rec	Seminar Courses for e Students in quired) Subtotal	8	R	Н	2	4	1	1	0	0	0	0	0	0	0	0	0	0			English		
cr Required	Advanced biomedical materials	2	R	Н	2																English		
Courses	Advanced tissue engineering	2	R	Н		2															English		
	ourses Subtotal redits	4			2	2	0	0	0	0	0	0	0	0	0	0	0	0					
Dissertation		12	R	Н			12	12													Chinese		
	on Subtotal redits	12			0	0	12	12	0	0	0	0	0	0	0	0	0	0					
	Special topic in nanomedicine	3	Е	Н	3																English		
	Special topics in drug delivery system	3	E	Н	3																English		
	Colloidal science & engineering	2	E	Н	2																English		
	Advanced mechanics of biomaterials	3	Е	Н		3															English		
Elective	Biological interactions on materials surfaces	3	E	Н		3															English		
Courses	Re-building a broken heart																						

nanomedicine, stem cells & tissue engineering	3	Е	Н		3														English	
Bioprocessing	2	Е	Н		2														English	
Biophysics	3	E	Н			3													English	
Advance in design &	2	Е	Н			2													English	<b>✓</b>
Stem cell regeneration & gene therapy	3	E	Н				3												English	
Elective Courses Subtotal credits	27			8	11	5	3	0	0	0	0	0	0	0	0	0	0			
Credits Required	1	Required core courses: 8 credits Required courses: 4 credits Type: Dissertation credits: 12 credits									Electiv	ve Cr	redits 1	Requ	iired		Elective courses: 6 credits  Notes for elective credits: 4 credits at most, can be got from other institute or program after approved by advisor			
Total Credits Required for Graduation Notes for Graduating Requirement Approved by Academic Affairs Meeting on (time, date)		30 credits		Max	ximum	cred	dits ca	an be												
		108/12/02																		