慈濟大學113學年度四年制醫學影像暨放射科學系開課科目及學分時數表

Tzu Chi University ree Program in Medical Inscri

Category	Course Title in Chinese	Course Title in English	Credits	Hours		ar 1		ar 2	+	ar 3	+	ear 4	Ţ.,.	
科目類別	課程中文名稱	裸程英文名稱	學分	時數	1st Semester	2nd Semester	1st Semester	2nd Semester	1st Semester	2nd Semester	1st Semester	2nd Semester	Note	
	中文閱讀與書寫	Chinese Reading and Writing	2	2	2	bemester	bemester	beinester	Bemester	Bemester	Bemester	bemester		
	基礎英文	Fundamental English	2	2		2							8 credi	
	*程式設計	Programming Tzu-Chi Philosophy	2	2		2 2							8學:	
asic General Courses	总濟人文 Tzu-Chi Philosophy 2 2 2 *程式設計:網頁視覺程式設計(2)、APP程式設計入門(2)、過轉與選算思維(2)。全學年開課,擇一課程修習。													
(Required)	*Programming: Web Visual	Programming (2), Introduction to APP Progra	mming (2), Logi	c and Comp		Thinking	(2).						
4 回 4 体	Classes are open througho	ut the academic year, and you can choose a	t the academic year, and you can choose a course to study.											
共同必修	通識選修課程	General Elective Courses	16	16	Elective courses without restrictions in any field.							16 cred		
		General Elective Courses	10	10	It is recommended to complete them during the first and second years. 由各學院規劃。								16 學	
		a la cular											4 credi	
	院通識課程	General Courses of the Colleges	4	4		y each col	lege.						4學 🤄	
	小計	Total Credits	28	28										
9	卜語課程	Foreign Language Courses	2	2		· 二年級修?		it in th	o first or	cocond ar	endo.		2 credi 2學	
Physical Education 體育	and the state	District Annual Control of the Contr	_		11 15 160		to complete	It III tii	e mist or	Second gr	auc.		2字:	
	運動與健康	Physical Activity & Health	2	2		2							3 cred	
	*活動性體育課程與趣選項	Interest Options for Active Physical Education Courses	1	1					1				3學:	
	小計	Total Credits	3	3										
動性體育課程與趣選	項由體育教學中心所開設選修1				<u> </u>									
	for active physical educat	tion courses is to choose any one of the ele				the Phys	ical Educa	tion Cent	er.				•	
	普通物理學 普通物理學實驗	General Physics General Physics Laboratory	2	2	1							1	-	
	普通初理学員廠	General Physics Laboratory General Chemistry	2	2	2								-	
	普通化學實驗	General Chemistry Laboratory	1	2	1								1	
	普通生物	General Biology	2	2		2	_				-	1	4	
	普通生物實驗 微積分(一)	General Biology Laboratory Calculus I	2	2	2	1	<u> </u>		<u> </u>	<u> </u>	1	+	37 cre	
Professional Basic	微積分(二)	Calculus II	2	2		2								
Courses (Required)	應用數學	Applied Mathematics	3	3			3					1	requi	
· -	醫學影像程式概論 股田亦工亦以與	Medical Imaging Processing: An Overview Medical Electronics and Circuits	2	2		2	2		-	-	-	1	(37學	
專業基礎 (必修)	醫用電子電路學 放射物理學(一)	Physics of Radiology I	2	2		2	†		<u> </u>	<u> </u>	<u> </u>	1	(5,4	
(90 (9)	放射物理學(二)	Physics of Radiology II	2	2			2						- - - -	
	放射化學	Radiochemistry	2	2			2	2						
	放射生物學解剖學	Radiobiology Anatomy	4	4			4							
	生理學	Physiology	3	3			· ·	3						
	病理學	Pathology	2	2					2					
	小計	Total Credits	37	40 3	8	9	13 3	5	2				 	
Professional Core	放射診斷器材學 放射切面解剖學	Instrumentation for Diagnostic Radiography Sectional Anatomy	1	1			3	1					54 crec requir (54學)	
	放射治療物理學	Physics of Radiation Therapy	2	2				2						
	放射診斷技術學(一)	Radiological Technology I	2	2				2						
	輻射安全學 核子醫學藥物學	Radiation Safety Radiopharmaceuticals	2	2				2	2			1		
	核子醫學器材學	Instrumentation for Nuclear Medicine	2	2					2					
	超音波學	Medical Ultrasound	2	2					2					
	磁振造影學	Magnetic Resonance Imaging	2	2					2					
	放射診斷技術學(二) 電腦斷層影像學	Radiological Technology II Computed tomography images	2	2					2					
Courses for MIRS	輻射度量	Radiation Measurement	1	1					1					
(Required) 専業核心 (必修)	醫學影像診斷學	Clinical Medical Images	2	2						2				
	醫學影像品質管制 醫學影像處理	Image Evaluation and Quality Management Medical image processing	2	2						2				
	醫學影像儲傳系統	Picture Archiving and Communication System	1	1						1				
	特殊攝影技術學	Special Radiographic Technology	2	2						2				
	放射治療技術學	Radiation Therapy Technology	3	3						3		-		
	放射治療器材學 核子醫學技術學	Instrumentation for Radiation Therapy Nuclear Medicine Technology	3	3						3				
	放射治療品質管制	Quality Management in Radiation Therapy	1	1						1				
	放射診斷技術實習	Clinical Practice in Radiography	6	20	<u> </u>		ļ <u> </u>				6	<u> </u>		
	放射治療技術實習 核子醫學技術實習	Clinical Practice in Nuclear Medicine Clinical Practice in Radiation Therapy	3	10 10	<u> </u>	-	-		-	-	3	-		
	核丁哲学技術頁音 書報討論	Seminar	1	2								1		
	小計	Total Credits	54	83			3	7	13	18	12	1		
	放射醫學概論	Introduction to Radiology	2	2	2		1		-	-	-	1	12 cred	
	醫放專業術語	English for Radiological Technology Innovative application of anti-radiation vegetable and		2	2		 		 	 	 	1		
	抗輻射蔬果美妝保養創新應用	fruit beauty care	2	2	2		<u></u>		<u></u>	<u></u>		<u></u>		
	解剖學實驗	Anatomy Laboratory	1	2			1					<u> </u>		
	放射醫學服務學習 放射師之醫學倫理	Learning by serving in radiogical departments Understanding the importance of medical ethics	2	2	-		2 2		-	-	-	-		
	放射師之醫学倫理 生理學實驗	Physiology Experiment	1	2	1			1	1	1		1		
	放射診斷技術學實驗(一)	Radiological Technology Practice I	2	4				2						
rofessional Elective	輻射安全學實驗	Radiation Safety Laboratory Computed Tomography and Dental radiography	2	2	1	1	1	2	1	1	1	1		
Courses for MIRS	電腦斷層與牙科放射技術學 磁振造影之臨床應用與研究	Advanced MRI: Clinical Application and Research	2	2		1	1		2			1		
專業選修	放射診斷技術學實驗(二)	Radiological Technology Practice II	2	4					2				(12學)	
	治療計畫模擬	Simulation of Treatment Planning System	1	1			_		1	2	-	1		
	超音波學實驗	Ultrasonography Practice Advanced physics and instruments for diagnostic	2	4	 		<u> </u>		<u> </u>	2	1	+ -		
	進階放射診斷物理暨器材學	radiography	2	2								2		
	進階核子醫學影像物理暨器材	Advanced Nuclear Medicine Imaging Physics and Instrumentation	2	2								2		
	學 進階放射治療物理暨器材學	Instrumentation Advanced Radiotherapy Physics and Instrumentation	2	2	 		<u> </u>		<u> </u>	<u> </u>	1	2		
	整合醫學與臨床應用	Integrative medicine and clinical application	2	2								2	1	
	放射醫學實務	Radiological Medicine	1	1								1	1	
	專業選修最低學分數	Minimum Credits for Elective Courses - MIRS Major	12 91	***	藤(丛体)」	業権から	6條)							
Total Credits	必修學分數	Total Credits for Required Courses	28		專業基礎(必修)+專業核心(必修) 通識課程28學分(必修8+選修16+院通識4)									
			5		體育課程3十外搭課程2									
				All students are required to complete a minimum of 136 credits								_		
學分總計	■故專業選修最低學分數 畢業最低學分數	Minimum Total Credits for Elective Courses Credit Requirements for Graduation	12 136				. 1				126			

二、本表如有變動或與開課狀況不同,一律以醫學影像暨放射科學系實際開課科目及學分時數為準。