

中臺科技大學大學部二年制日間部醫學影像暨放射科學系115學年度入學課程標準表

Central Taiwan University of Science and Technology Undergraduate 2-Year Daytime Program Department of Medical Imaging and Radiological Sciences Curriculum Standards for the 115th Academic Year

1150302系課程委員會會議討論通過

1150317院課程委員會會議討論通過

1150401校課程委員會會議討論通過

學年 Academic Year	科目 Course	學分數 Credits	時數 Teaching hours	上學期 First Semester		下學期 Second Semester		備註 Remarks
				授課 Teaching	實習 Internship	授課 Teaching	實習 Internship	
<b>核心素養(4學分) Core Competencies (4 Credits)</b>								
第一學年1st Academic Year	進階英文(一) Advanced English (I)	2	2	2				
	進階英文(二) Advanced English (II)	2	2			2		
<b>領域涵養(8學分) Domain-Specific Learning (4 Credits)</b>								
第一學年1st Academic Year	領域涵養 Liberal Education	4	4			4		人文、自然、社會、博學至少選修二個領域 humanities, natural sciences, social sciences, and cultivation of broad knowledge with at least two categories
第二學年2nd Academic Year	領域涵養 Liberal Education	4	4	4				
<b>專業必修(10學分) Professional Required Courses (10 Credits)</b>								
第一學年1st Academic Year	解剖學(一) Anatomy (I)	2	2	2				
	生理學(一) Physiology (I)	2	2	2				
	解剖學(二) Anatomy (II)	2	2			2		學術倫理課程
	生理學(二) Physiology (II)	2	2			2		
	病理學 Pathology	2	2			2		
<b>專業選修(87學分) Professional Electives Courses (87 Credits)</b>								
	醫用放射物理學 Medical Radiation Physics	2	2	2				
	進階放射化學 Advanced Radiochemistry	2	2	2				

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				第一學年1st Academic Year	進階放射生物學 Advanced Radiation Biology	2	2	
	臨床超音波技術學 Technique of Clinical Sonography	2	2	2				
	臨床放射診斷儀器學 Equipments of Clinical Diagnostic Radiology	2	2	2				
	臨床放射治療物理學 Clinical Radiation Therapy Physics	2	2	2				
	臨床核子醫學儀器學 Equipment of Nuclear Medicine	2	2	2				
	臨床放射英文 Medical English for Clinical Application	2	2	2				
	專題研究(一) Radiological Sciences Research (I)	5	5	5				
	臨床放射診斷技術學 Technique of Clinical Diagnostic Imaging	2	2			2		
	臨床磁共振造影技術學 Technique of Clinical MRI	2	2			2		
	臨床核醫藥物學 Clinical Radiopharmaceuticals	2	2			2		
	進階輻射安全學 Advanced Radiation Safety	2	2			2		
	臨床心臟超音波影像技術學 Clinical Echocardiography	2	2			2		
	醫用數學 Mathematics in Medicine	2	2			2		
	人工智慧於放射醫學應用 Application of Artificial Intelligence on Radiological Sciences (AI)	2	2			2		
	放射治療儀器暨品質保證 Equipments and Quality Assurance of Radiation Therapy	2	2			2		
	專題研究(二) Radiological Sciences Research (II)	5	5			5		
	臨床電腦斷層攝影技術學 Technique of Clinical CT	2	2	2				
	臨床特殊攝影技術學 Technique of Clinical Special Radiography	2	2	2				
	臨床放射治療技術學 Technique of Clinical Radiation Therapy	2	2	2				
	臨床輻射劑量學 Radiation Dosimetry	2	2	2				
	臨床核子醫學技術學 Technique of Clinical Nuclear Medicine	2	2	2				

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第二學年2nd Academic Year	放射護理學 Radiological Nursing	2	2	2				
	專題研究(三) Radiological Sciences Research (III)	5	5	5				
	醫學影像診斷學 Medical Imaging Diagnosis	2	2			2		
	心導管影像技術學 Cardiac Catherization Radiography	2	2			2		
	乳房攝影暨骨質密度測量學 Mammography and Bone Densitometry	2	2			2		
	放射證照實務 License Review of Radiological	1	2			2		
	基礎醫學證照實務 License Review of Basic Medical	1	2			2		
	放射物理證照實務 License Review of Radiation physics	1	2			2		
	放射器材證照實務 License Review of Radiological Instrument	1	2			2		
	放射診斷證照實務 License Review of Diagnostic Imaging	1	2			2		
	放射治療證照實務 License Review of Radiation Therapy Modalities	1	2			2		
	核子醫學證照實務 License Review of Nuclear Medicine	1	2			2		
	專題研究(四) Radiological Sciences Research (IV)	5	5			5		
	深耕實習 In-depth Clinical Placement	10	20				20	校外實習16週
<b>第一學年小計(1)1st Academic Year Credits Subtotal(1)</b>		60	60	27	0	33	0	
<b>第二學年小計(2)2nd Academic Year Credits Subtotal(2)</b>		49	66	21	0	25	20	
<b>合計Total=(1)+(2)</b>		109	126	48	0	58	20	

畢業規定及其他相關說明：

Graduation Requirements and Other Relevant Instructions

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最低畢業學分為72學分，必修14學分（含核心素養4學分、專業必修10學分），領域涵養8學分(人文、自然、社會、博學至少選修二個領域)，選修至少50學分（其中專業選修至少26學分）。  
Minimum graduation credits: 72 credits. Required credits: 14 credits, including 4 credits of Core Competencies, 8 credits of Domain Literacy (humanities, natural sciences, social sciences, and cultivation of broad knowledge with at least two categories), and 10 credits of Professional Required Courses. Elective credits: at least 50 credits, including a minimum of 26 credits of Professional Elective Courses.

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二	『在本校就學期間必須取得心肺復甦術 (CPR) 畢業門檻之相關規定，依照「中臺科技大學健康科學院心肺復甦術 (CPR) 證照畢業門檻實施要點」之規定辦理』。 During the period of study, it is required to fulfill the graduation threshold for CPR in accordance with the 'Implementation Guidelines for Graduation Threshold of CPR Certification at the College of Health Science, Central Taiwan University of Science and Technology.'							
三	學生通過「醫事放射師」考照者，得於第四學期參與深耕實習。 Students who pass the 「Medical Radiation Technologist」 certification exam are eligible to participate in the In-depth Clinical Placement in the fourth semester.							
四	有關學術倫理課程規定： (1)修習「醫學報告與傳達」課程之學生，需透過「臺灣學術倫理教育資源中心」網路教學平臺研習至少 6 小時課程並通過總測驗，於該網站下載修課證明後，提交任課老師列入成績考核。 (2)並於該課程備註欄註明-學術倫理課程。 Regulations Regarding the Academic Ethics Course: Students enrolled in the "Medical Report and Communication" course are required to complete at least 6 hours of online learning through the Taiwan Academic Ethics Education Resource Center online learning platform and pass the final assessment. After completion, students must download the course completion certificate from the website and submit it to the course instructor for inclusion in the course evaluation. The remark "Academic Ethics Course" should be indicated in the remarks section of the course.							
五	學生於第1年需修習「班級永續經營課程(三)、(四)」，成績及格可認為「一般選修」學分。 Students who pass "Class Sustainable Management Course (III) and (IV)" may have the credits counted as "General Elective" credits.							