

中臺科技大學醫學影像暨放射科學系博士班 115學年度入學課程規劃表

Central Taiwan University of Science and Technology Ph.D. Program in the 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	
必修(24學分) Professional Required Courses (24 Credits)								
第一學年1st Academic Year	放射科學總論 (一) General Topics in Radiological Sciences (I)	3	3	3	3			
	專題討論 (一) Seminar (I)	1	1	1	1			
	放射科學總論 (二) General Topics in Radiological Sciences (II)	3	3			3	3	
	專題討論 (二) Seminar (II)	1	1			1	1	
第二學年2nd Academic Year	專題討論 (三) Seminar (III)	1	1	1	1			
	專題討論 (四) Seminar (IV)	1	1			1	1	
第三學年3st Academic Year	專題討論 (五) Seminar (V)	1	1	1	1			
	專題討論 (六) Seminar (VI)	1	1			1	1	
	博士論文 Dissertation	12	0			12	0	
選修(35學分) Professional Electives Courses(35 Credits)								
	實驗設計與研究方法 Research Design and Method	2	2	2	2			
	高等統計學 Advanced Statistics	2	2	2	2			
	高等骨質密度測量學 Advanced in Bone Densitometry	2	2	2	2			
	高等醫學物理 Advanced in Medical Physics	2	2	2	2			

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第一學年1st Academic Year	核醫影像之臨床研究 Clinical Research in Nuclear Imaging	2	2	2	2			
	輻射分子生物學 Radiation Molecular Biology	2	2	2	2			
	細胞凋亡學 Cell Apoptosis	2	2	2	2			
	高等磁共振造影學 Advanced in Magnetic Resonance Imaging	2	2			2	2	
	放射治療品質保證原理 Principle of Radiation Therapy Quality Assurance	2	2			2	2	
	高等癌生物學 Advanced in Cancer Biology	2	2			2	2	
	放射暨影像器材品質保證 Radiological and Imaging Equipment Quality Assurance	2	2			2	2	
第二學年2nd Academic Year	海外研習 Overseas Clinical	2	2	2	2			
	分子影像藥物 Molecular Imaging Pharmaceuticals	3	3	3	3			
	高等醫學影像分析與開發 Advanced in Medical Imaging Analysis and Development	2	2	2	2			
	高等核輻射度量 Advanced in Radiation Detection Measurement	2	2	2	2			
	高等放射化學 Advanced in Radiochemistry	2	2			2	2	
	醫學資訊傳輸 Medical Information Communications	2	2			2	2	
第一學年小計(1)1st Academic Year Credits Subtotal(1)		30	30	18	18	12	12	
第二學年小計(2)2nd Academic Year CreditsS ubtotal(2)		15	15	10	10	5	5	

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				授課 Teaching	實習 Internship	授課 Teaching	實習 Internship	
第三學年小計(3)3th Academic Year Credits Subtotal(3)		14	2	1	1	13	1	
第四學年小計(4)4th Academic Year Credits Subtotal(4)								
合計Total=(1)+(2)+(3)+(4)		59	47	29	29	30	18	

畢業規定及其他相關說明： Graduation Requirements and Other Relevant Instructions	
一	最低畢業學分為30學分，必修24學分（含碩士論文12學分），選修至少6學分。 The minimum graduation requirement is 30 credits, including 24 required credits (with 12 credits for the Ph.D. dissertation.) and at least 6 elective credits.
二	研究生第一學年每學期修習學分不得少於2學分，且至多修習15學分；第二學年起，每學期至多修習13學分為限。 The first-year graduate students must take a minimum of 2 credits per semester and are allowed to take up to 15 credits. From the second year onwards, students are limited to a maximum of 13 credits per semester.
三	博士班英文能力畢業門檻規定：依「中臺科技大學醫學影像暨放射科學系博士班研究生修業辦法」辦理。 Ph.D. Program English Proficiency Graduation Requirements: Conducted in accordance with the 「Central Taiwan University of Science and Technology Department of Medical Imaging and Radiological Sciences Ph.D. Program Graduate Study Regulations.」
四	研究生應於入學後至學位考試前，依「中臺科技大學學術倫理教育課程實施要點」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，提交系所審核，始得提出學位考試申請。 Graduate students are required to complete at least 6 hours of courses and pass the final test through the 「Taiwan Academic Ethics Education Resource Center」 online teaching platform according to the 「Implementation Guidelines for Academic Ethics Education Courses at Central Taiwan University of Science and Technology」 from enrollment until before the degree examination. After downloading the course completion certificate from the website, they must submit it for departmental review before being eligible to apply for the degree examination.