長庚大學　顎顏口腔醫學研究所　必選修科目表　（109學年度入學學生適用）

Curriculum of Graduate Institute of Dental and Craniofacial Science (Applicable for 2020 Fall New Students)

領域／組別 Divisions	必選修 Required(R) or Elective(E)	科目名稱 Course Title	學分 Credit	開課 年級 Grade	上學 期 Fall	下學 期 Spring	備註 Note
必修課程 Required	必(R)	顎顏口腔生物學 Craniofacial & Oral Biology	3	1		3	英文授課 taught in English
	必(R)	顎顏影像與生長發育學 Craniofacial Development and Craniofacial Imaging	3	1		3	英文授課 taught in English
	必(R)	研究方法及論文寫作 Research Methodology and Thesis Writing	2	1	2		英文授課 taught in English
	必(R)	研究專題討論 Graduate Research Seminar	2	1	1	1	英文授課，碩一二合班 taught in English co-taught with grade 1 & grade 2
			2	2	1	1	
	必(R)	顎顏醫學特論 Craniofacial Medicine	3	2	3		英文授課 taught in English
	必(R)	高等生物統計學 Advanced Biostatistics	2	2	2		英文授課 taught in English
	必(R)	論文撰寫 Thesis	6				
選修課程	選(E)	口腔生物力學 Oral Biomechanics	3	2		3	英文授課 taught in English
	選(E)	臨床齒顎矯正學(1)(2) Clinical Orthodontics (1)(2)	6	1	3	3	碩一二合班，英文授課 co-taught with grade 1 & grade 2 taught in English
	選(E)	牙科植體學(1)(2) Advanced Dental Implantology (1)(2)	6	1	3	3	碩一二合班 co-taught with grade 1 & grade 2
	選(E)	臨床義齒補綴學(1)(2) Clinical Prosthodontics (1)(2)	4	1	2	2	碩一二合班 co-taught with grade 1 & grade 2
	選(E)	臨床兒童牙科學(1)(2) Clinical Pediatric Dentistry (1)(2)	4	1	2	2	碩一二合班 co-taught with grade 1 & grade 2
	選(E)	臨床牙周病學(1)(2) Clinical Periodontics (1)(2)	4	1	2	2	碩一二合班 co-taught with grade 1 & grade 2
	選(E)	臨床齒顎矯正學實習 Practicum of Clinical Orthodontics	6	1	3	3	碩一二合班。須職業登記於長庚醫院 co-taught with grade 1 & grade 2
		臨床齒顎矯正學實習 Practicum of Clinical Orthodontics	6	2	3	3	
	選(E)	臨床兒童牙科學實習 Practicum of Clinical Pediatric Dentistry	6	1	3	3	碩一二合班。須職業登記於長庚醫院 co-taught with grade 1 & grade 2
	選(E)	牙科植體學實習 Practicum of Advanced Dental	6	1	3	3	碩一二合班。須職業登記於長庚醫院 co-taught with grade 1 & grade 2

			6	2	3	3	
Elective		Implantology					
	選(E)	臨床齒顎矯正學(3)(4) Clinical Orthodontics (3)(4)	6	2	3	3	碩一二合班，英文授課 co-taught with grade 1 & grade 2 taught in English
	選(E)	牙科植體學(3)(4) Advanced Dental Implantology (3)(4)	6	2	3	3	碩一二合班 co-taught with grade 1 & grade 2
	選(E)	臨床義齒補綴學(3)(4) Clinical Prosthodontics (3)(4)	4	2	2	2	碩一二合班 co-taught with grade 1 & grade 2
	選(E)	臨床兒童牙科學(3)(4) Clinical Pediatric Dentistry (3)(4)	4	2	2	2	碩一二合班 co-taught with grade 1 & grade 2
	選(E)	臨床牙周病學(3)(4) Clinical Periodontics (3)(4)	4	2	2	2	碩一二合班 co-taught with grade 1 & grade 2
	選(E)	臨床兒童牙科學實習 Practicum of Clinical Pediatric Dentistry	6	2	3	3	碩一二合班。須職業登記於長庚醫院 co-taught with grade 1 & grade 2
	選(E)	牙科植體學實習 Practicum of Advanced Dental Implantology	6	2	3	3	碩一二合班。須職業登記於長庚醫院 co-taught with grade 1 & grade 2
基礎相關選修科目	選(E)	影像處理 Image Processing	3	1	3		與資訊管理研究所合開 offered jointly with Information Management(Master's program)

備註
Note
	1.畢業學分：30學分。
	(1)必修17學分。
	(2)選修7學分。
	(3)論文6學分(學位考試通過後給予)。
	2.須達英文畢業門檻方可畢業：研究專題討論課程，須至少一學期以全英文報告通過。
	3.除上表所列之基礎相關選修課程外，生物醫學研究所、臨床醫學研究所、醫療機電研究所、資訊管理學研究所、醫學影像暨放射科學研究所等各所課程,均可列為選修學分。
	
	1. Graduation Requirement: Students must complete a minimum of 30 credits.
	  (1) 17 credits for required courses.
	  (2) 7 credits for elective courses.
	  (3) 6 credits for thesis. (Complete the defense)。
	2. You must achieve graduation threshold in English to graduate：The courses of Research Seminar must be approved in full English report for at least one semester.						