

長庚大學 物理治療學系復健科學碩士班 必修科目表 (110學年度入學之外籍生適用)
Course List for MS Degree Program in Graduate Institute of Rehabilitation Science, Chang Gung University
(for international student admission in 2017 academic year)

Types	Course Name 科目名稱	Credit 學分	Year 年級	1st semester	2nd semester
Required Courses	Current Research in Rehabilitation Science復健科學研究趨勢	2	1		V
	Advanced Statistics高等統計學	3	1	V	
	Seminar(I)專題討論(1)	1	1	V	
	Research Methods研究方法學	3	1		V
	Seminar(II)專題討論(2)	1	1		V
	Scientific Writing論文撰寫	0	2	V	V
Elective Courses	Advanced Topics in Motor Control進階動作控制(碩博合開)	3	1	V	
	Neurodevelopment and early Intervention神經發展學及早期療育	2	1	V	
	Biomedical Instrumentation 生醫儀器學(碩博合開)	3	1	V	
	Topics of Biomechanics in Rehabilitation Science復健生物力學特論	3	1	V	
	Applied Physiology 應用生理學(碩博合開)	3	1	V	
	Advanced Clinical Practicum in Rehabilitation Sciences (I)高階復健科學臨床實習(1)	1	1	V	
	Advanced Clinical Practicum in Rehabilitation Sciences (II)高階復健科學臨床實習(2)(學碩合開)	1	1		V
	Independent Study (I)獨立研究(1)(碩博合開)	1	1	V	
	Analysis of Scientific Literature論文分析	1	1	V	V
	Research Topics in Geriatrics and Long-term care 老人與長期照護研究特論(碩博合開)	3	1		V
	Scientific Assessment of Rehabilitation復健科學化評量(碩博合開)	2	1		V
	Sensory Motor Analysis in Health and Disease疾病與感覺動作分析(碩博合開)	3	1	V	
	Reserach on Sport Sciences運動科學研究(碩博合開)	3	1		V
	Decision-makings for clinical professions in rehabilitation science臨床專業決策(碩博合開)	3	1		V
	Advanced Clinical Reasoning in Pediatric Physical Therapy高等兒童物理治療臨床探究	1	1		V
	Respiration and Circulation循環與呼吸特論(碩博合開)	3	1		V
	Independent Study (II)獨立研究(2)	1	1		V
	Research Design研究設計(碩博合開)	2	2	V	
	Independent Study (III)獨立研究(3)	1	2	V	
	Seminar(III)專題討論(3)	1	2	V	
	Biomedical Signal Analysis生醫訊號分析(碩博合開)	3	2		V
	Scientific Literature Writing論文寫作(碩博合開)	1	2		V
	Independent Study (IV)獨立研究(4)	1	2		V
	Seminar(IV)專題討論(4)	1	2		V
	Applied Physiology應用生理學(碩博合開)	3	1	V	
	Long term care service model and policy長期照護模式與政策	3	2		V
	Health industry forum健康產業論壇	1	2		V
Remarks	<p>I. Graduation credit hours required: 30 (including 6 credit hours for thesis). II. Required hours: 10 credits (not include thesis). III. Credit hours for elective courses: 14 (at least 17 from the above list). IV. "Advanced Topics in Motor Control" is offered jointly with Graduate Institute of Behavioral Sciences. V. "Respiration and Circulation" and "Reserach on Sport Sciences" are alternate years Intakes. VI. "Applied Physiology " and "Biomedical methodology" are alternate years Intakes. VII. If the "Research Methods" did not pass the first time to attend, student could take the course (Research Methods) from Graduate Institute of Early Intervention as the creation of credit. VIII. English Graduation Requirement: 1. English oral report at the seminar 2. English presentation skills: take one of the following (1) English oral expression assessment (2) English proficiency tests a. Pass the High-Intermediate Test of GEPT b. TOEFL score of 510 and above c. Computer-Based TOEFL score of 181 and above, iBT TOEFL score of 65 and above. d. FLPT-English with a speaking score of S-2 and above. e. IELTS 5.5 and above. f. TOEIC score of 630 and above.</p>				