

長庚大學 物理治療學系 必選修科目表 (113學年度入學之外籍生適用)
Course List for School of Physical Therapy, Chang Gung University
(for international student admission in 2024 academic year)

Types	Course Name 科目名稱	Credit學分	Year年級	1st semester	2nd semester
Required Courses	General Biology (I) 普通生物學(1)	2	1	V	
	General Biology Laboratory (I) 普通生物學實驗(1)	1	1	V	
	General Physics 普通物理學	3	1	V	
	Introduction to Physical Therapy 物理治療導論	1	1	V	
	Anatomy 解剖學	2	1		V
	Anatomy Laboratory 解剖學實驗	1	1		V
	Calculus (I) &(II) 微積分(1)&(2)	4	1	V	V
	Independent Study (I) 研究專題(1)	1	1		V
	Medical Ethics 醫學倫理學	1	2	V	
	Kinesiology 肌動學	2	2	V	
	Physiology 生理學	4	2	V	
	Physiology Laboratory 生理學實驗	1	2	V	
	Practical Anatomy 實地解剖學	1	2		V
	Practical Anatomy Laboratory 實地解剖學實驗	1	2		V
	Basic Skill in Therapeutic Exercise 運動治療基本技術學	1	2		V
	Practice in Basic Skill in Therapeutic Exercise 運動治療基本技術學實習	1	2		V
	Exercise Physiology 運動生理學	2	2		V
	Orthopedic Physical Therapy(I) 骨科物理治療學(1)	2	2		V
	Practice in Orthopedic Physical Therapy(I) 骨科物理治療學實驗(1)	1	2		V
	Independent Study (II) 研究專題(2)	1	2	V	
	Internal Medicine 內科學	2	2		V
	Orthopedics 骨科學	1	2		V
	Neurology 神經科學	1	2		V
	Rehabilitation Medicine 復健醫學	1	2		V
	Assistive Devices 輔具學	2	2		V
	Pediatrics 小兒科學	1	3	V	
	Surgery 外科學	2	3	V	
	Physical Agent for Physical Therapy (I) &(II) 物理因子治療學(1)&(2)	4	3	V	V
	Practice in Physical Agent for Physical Therapy (I) &(II) 物理因子治療學實驗(1)&(2)	2	3	V	V
	Neurologic Physical Therapy(I) &(II) 神經科物理治療(1)&(2)	4	3	V	V
	Practice in Neurologic Physical Therapy(I) &(II) 神經科物理治療學實驗(1)&(2)	2	3	V	V
	Pediatric Physical Therapy 小兒物理治療學	2	3	V	
	Practice in Pediatric Physical Therapy 小兒物理治療學實驗	1	3	V	
	Clinical Practicum (I) 臨床實習(1)	1	3	V	
	Manual Therapy 操作治療學	2	3	V	
	Manual Therapy Laboratory 操作治療學實習	1	3	V	
	Administration and Ethics of Physical Therapy物理治療倫理與行政管理學	2	3		V
	Clinical Practicum(II) 臨床實習(2)	1	3		V
	Functional Re-education 機能再教育	1	3		V
	Practice in Functional Re-education 機能再教育實驗	1	3		V
	Cardiopulmonary Physical Therapy心肺物理治療學	2	3		V
	Practice in Cardiopulmonary Physical Therapy 心肺物理治療學實習	1	3		V
	Orthopedic Physical Therapy(II) 骨科物理治療學(2)	2	3		V
	Practice in Orthopedic Physical Therapy(II) 骨科物理治療學實驗(2)	1	3		V
	Clinical Practicum (III) 臨床實習(3)	8	4	V	V
	Clinical Practicum (IV) 臨床實習(4)	8	4	V	V
	Clinical Practicum (V) 臨床實習(5)	8	4	V	V
	Seminar in Physical Therapy 物理治療專題討論	1	4		V
	General Chemistry 普通化學	3	1	V	
	Chemistry Laboratory 普通化學實驗	1	1	V	
	Physics Laboratory 普通物理學實驗	1	1		V
	General Biology (II) 普通生物學(2)	2	1		V
	General Biology Laboratory (II) 普通生物學實驗(2)	1	1		V
	First Aid & Sport Care 急救概論及運動防護	2	1	V	
	Aging Related Physical Changes and Diseases 老人生理變化與疾病	2	1		V
	The Development of Children 兒童發展學	2	1		V
	Advanced Medical Taiwanese初階醫用台語	2	1		V
	Advanced Medical Taiwanese進階醫用台語	2	1		V

Elective Courses	Introduction and Product Ideation of Assistive Technology科技輔具簡介與發想	1	1		V
	Surface anatomy表面解剖	2	1		V
	Introduction to Public Health 公衛概論	2	2	V	
	Neuroanatomy 神經解剖	2	2		V
	Assessment Tools in Pediatric Physical Therapy 小兒物理治療評估工具學	2	2	V	
	Applied Statistics in Rehabilitative Medicine 復健醫學統計應用	2	2	V	
	Medical Psychology 醫學心理學	1	2		V
	Athletic Training and Practicum 運動傷害防護學與實習	2	2		V
	Biomechanics 生物力學	2	2		V
	Sports Taping 運動貼紮與實驗	1	2	V	
	Sport Care & Health 運動保健學	1	2	V	
	Prevention and health protection of aging by Alternative medicine 替代性療法對老化的預防與保健	2	2		V
	Independent Study (III) 研究專題(3)	1	2		V
	Introduction to Transdisciplinary Long-term Care長期照護導論及跨專業合作	2	2	V	
	Pathology 病理學	2	3	V	
	Cardiopulmonary Physiology 心肺生理學	2	3	V	
	Advanced Pediatric Physical Therapy 進階小兒物理治療學	2	3		V
	Exercise prescription and health 運動處方與健康	2	3	V	
	Physical Therapy in Elderly and Long-term Care 老人與長照物理治療學	2	3		V
	Sports Nutrition 運動營養	1	3		V
	Health Management 健康管理	1	3		V
	Professionalism in Physical Therapy 物理治療之臨床專業行為風範	1	3	V	
	Independent Study (IV) 研究專題(4)	1	3	V	
	Independent Study (V) 研究專題(5)	1	3		V
	Advanced Clinical Reasoning in Pediatric Physical Therapy 高等兒童物理治療臨床探究	1	4		V
	Clinical Practicum (VI) 臨床實習(6)	4	4		V
	Advanced Clinical Practicum in Rehabilitation Sciences (II)高階復健科學臨床實習(2)(學碩合開)	1	4		V
Remarks	<p>1. Graduation Credits: 143 credits (1) Required courses: 98 credits (including 24 credits from mandatory off-campus internships). (2) Elective courses: 16 credits: ① At least 12 elective credits from the Department of Physical Therapy courses. ② Up to 4 credits from courses offered by other departments (General Education courses, Physical Education, and Military Training courses for National Defense Education are not included). (3) General Education Credits: Please refer to the regulations of the General Education Center. A total of 29 credits from English, Core, and Multidisciplinary Elective courses are required</p> <p>2. Physical Education: 0 credits required for the first and second year</p> <p>3. Deep Cultivation Academy: 0 credits required. Please refer to the information provided by the Office of Student Affairs under the Deep Cultivation Academy section for more details</p> <p>4. The university has an English Proficiency Graduation Requirement. Students must meet the requirements for graduation. Please refer to the English Requirements for Graduation for Undergraduate Students by Language Center's regulations.</p> <p>5. Before enrolling in the Clinical Practicum (3),(4),(5) in the fourth year, students must complete all required courses from the first to the third year.</p> <p>6. Prerequisite courses for professional courses: (1) Kinesiology requires Anatomy as a prerequisite. (2) Basic Skill in Therapeutic Exercise and Practice in Basic Skill in Therapeutic Exercise require Kinesiology as a prerequisite. (3) Biomechanics requires Kinesiology as a prerequisite. (4) Orthopedic Physical Therapy(1) and Practice in Orthopedic Physical Therapy(1) require Anatomy as a prerequisite. (5) Practice in Physical Agents for Physical Therapy(1) and Practice in Physical Agents for Physical Therapy(2) require Kinesiology as a prerequisite. (6) Neurological Physical Therapy(1) and Practice in Neurological Physical Therapy(1) require both Basic Skill in</p>				

- (7) Pediatric Physical Therapy (1) and Practice in Pediatric Physical Therapy (1) require Anatomy as a prerequisite.
- (8) Manual Therapy and Manual Therapy Laboratory require Orthopedic Physical Therapy (1) and Basic Skill in Therapeutic Exercise as prerequisites.
- (9) Orthopedic Physical Therapy (2) and Practice in Orthopedic Physical Therapy (2) require Anatomy as a prerequisite.
- (10) Clinical Practicum (1) and Clinical Practicum (2) require completion of Basic Skill in Therapeutic Exercise and Practice in Basic Skill in Therapeutic Exercise.
- (11) Seminar in Physical Therapy is only for the students in the fourth year or above of the Department of Physical Therapy department, and Independent Study (I) and Independent Study (II) are the prerequisites.
- 7. For elective courses related to the Professional and Technical Examinations for Physical Therapists, please refer to the official announcements from the Ministry of Examination, R.O.C.
- 8. To apply for an accelerated course schedule for the following courses, students must rank in the top 20% of the class during their first year: Manual Therapy (and Practice) · Orthopedic Physical Therapy (2) (and Practice) · Physical Agent for Physical Therapy (and Practice) · Neurological Physical Therapy (and Practice) · Functional Re-education (and Practice) · Cardiopulmonary Physical Therapy (and Practice)
- 9. Third-year or higher students who wish to take courses from the Master' s Program at the Graduate Institute of Rehabilitation Science are not allowed to enroll in courses that are cross-listed with the PhD program.
- 10. The Department of Physical Therapy offers a Sports Injury Prevention Program, which includes the following courses:
Athletic Training and Practicum · Exercise prescription and health · Sports Taping · Physical Agent for Physical Therapy · Manual Therapy · Orthopedic Physical Therapy · Sport Care & Health · Anatomy · Physiology · Exercise Physiology · Sports Nutrition · Kinesiology · First Aid & Sport Care · Administration and Ethics of Physical Therapy · Health Management