

長庚大學 **醫學系** 必選修科目表

必/選	科目名稱	一		科目名稱	二		科目名稱	三		科目名稱	四	
		上	下		上	下		上	下		上	下
必修科目	生物學(1)	2		醫學英文	2		大體解剖學	3		病理學	5	
	有機化學	3		生物化學	4		大體解剖學實驗	4		病理學實驗	2	
	有機化學實驗	1		生物化學實驗	1		胚胎及發育生物學	1		病態生理學	2	
	醫用微積分	2		問題導向式基礎醫學分組討論	1		組織學	2		社區醫學	1	
	生物學實驗		1	醫學研究導論	2		組織學實驗	2		藥理學	4	
	物理化學(含分析)		3	微生物學		2	影像解剖學	1		藥理學實驗	1	
	物理化學實驗(含分析)		1	免疫學		2	公共衛生學:環境醫學	2		醫療人文與臨床倫理		2
	物理學(含實驗)		2	微生物免疫學實驗		1	公共衛生學:預防醫學		2	醫療品質		1
	體育	0	0	公共衛生學:流行病學		2	生理學		3	醫療法規		1
	初步見識醫院(一)		0	生物統計學		2	生理學實驗		1	臨床診斷學		1
				體育	0	0	神經生物學		2	臨床診斷學實習		2
				初步見識醫院(二)	1		醫學遺傳學		2	臨床技巧與溝通(含實習)		2
							寄生蟲學		2	實驗診斷學(含見習)		2
							寄生蟲學實驗		1	臨床醫學緒論		0.5
							生死學		2	心臟血管學		1.5
										呼吸學		1
									消化肝膽學		1.5	
									風濕免疫及感染學		1.5	
									內分泌學		1.0	
									醫學研究與論文寫作(1)		0	
選修	醫學與哲學*	2		行為科學*	2		醫學人文選修課程(二)		2			
	醫學與歷史*	2		醫學人文選修課程(一)		2						
	健康社會學導論*		2									
	志工參與實作*		1									
小計		12	10		13	11		15	17		15	18
必/選	科目名稱	五		科目名稱	六		註： 1. 畢業學分： 221 學分。 (1) 必修 179 學分(含校內實習必修 4 學分、校外實習必修 66 學分)。 (2) 選修 17 學分： A. 系選修至少 13 學分。(指定之醫學人文系選修課程至少 13 學分) B. 選修他系課程至多承認 4 學分(通識課程、體育及全民國防教育軍事訓練選修課程不予列入)。 (3) 通識學分：請詳見通識中心修課規定。 全人領域、英文領域、核心、多元課程 25 學分。 2. 體育大一、大二必修 0 學分。 3. 本校訂有英文畢業門檻，須達校訂標準方可畢業，請詳見語文中心規定。 以下其他規定： 4. 必須修滿醫學人文核心基礎課程(打*者)共 9 學分，始能修習大四「醫療人文與臨床倫理」必修課程。(首次修習醫學人文核心基礎課程者，以「醫學系開設之」課程為優先) 5. 醫學人文選修課程(一) 含「醫療人類學」、「生命倫理學」、「公衛歷史調查」，共三門課程；醫學人文選修課程(二)包含「性別與醫療」、「語言、敘事與療癒」、「生命醫療史專題：士人與中國文化」、「科技、醫療與社會」，共四門課程。醫學人文選修課程分為(一)與(二)兩群組，每群組必須至少選修一門。 6. 必須達成大一至大三所有醫學人文課程的修課要求，始能修習大四「醫療人文與臨床倫理」必修課程。 7. AI 領域課程 1 學分重修僅限修習醫學系或中醫系開課之「人工智慧概論」。 8. 選修課如下:「生命科學研究」1 學分(一~六年級)、「生物學(2)」2 學分(一下)、「人際關係理論與應用」2 學分(二上)、「細胞與分子系統生物學」2 學分(二下)、「健康照護服務研究：社會與行為科學研究法」2 學分(二下)、「醫用台語」1 學分(四上)、「安寧照護」2 學分(四上)、「心電圖判讀」1 學分(四下)、「基礎重症醫學」1 學分(四下)、「實證醫學」1 學分(四下)、「 醫學真菌學概論 」(四下)、「病歷寫作之原理及應用」1 學分(五上)、「急診醫學」2 學分(五上)、「臨床推理」1 學分(五下)、「重點式照護超音波」2 學分(六下) 9. 經課程負責教師同意即可上修。					
		上	下		上	下						
必修科目	腎臟及泌尿學	2		內科實習		8						
	血液及腫瘤學	1		外科實習		8						
	神經、精神及麻醉學			婦產科實習		4						
	臨床神經學	2		小兒科實習		4						
	精神醫學	0.5		急診醫學科實習		2						
	麻醉科學	0.5		神經科實習		2						
	肌肉骨骼及復健學	1		精神科實習		2						
	生殖、發育及成長學			影像診療科實習		2						
	婦產科學	2.5		臨床技能測驗(OSCE)		0						
	小兒科學	1.5										
	感官學			(以下選修 16 學分)								
	眼科學	1		耳鼻喉科實習		2						
	耳鼻喉科學	1		眼科實習		2						
	皮膚科學	1		麻醉科實習		2						
	營養學	1		解剖病理科實習		1						
	法醫學	1		檢驗醫學科實習		1						
	醫學研究與論文寫作(2)		1	皮膚科實習		2						
	內科實習	6		復健科實習		2						
	外科實習	4		核子醫學科實習		2						
	婦產科實習	2		放射腫瘤科實習		2						
	小兒科實習	2		家庭醫學科實習		2						
	神經內科實習	1		校外專題實習(1)		4						
	家庭醫學科實習	0.5		校外專題實習(2)		4						
	皮膚科學實習	0.5		老年醫學臨床實習		2						
小計		33			48							

Curriculum of the Bachelor Program at the Department of Medicine,
Chang Gung University (For students admitted in Fall, 2025)

	Course Title	First		Course Title	Second		Course Title	Third		Course Title	Fourth	
		F	S		F	S		F	S		F	S
R e q u i r e d C o u r s e s	Biology(I)	2		Medical English	2		Gross Anatomy	3		Pathology	5	
	Organic Chemistry	3		Biochemistry	4		Gross Anatomy Laboratory	4		Pathology Laboratory	2	
	Experimental Organic Chemistry	1		Biochemistry Laboratory	1		Embryology and Developmental Biology	1		Pathophysiology	2	
	Medical Calculus	2		Group Discussion for Problem-Based Learning in Basic Medical Education	1		Histology	2		Community Medicine	1	
	Biology Laboratory		1	An introduction to medical research	2		Histology Laboratory	2		Pharmacology	4	
	Physical and Analytical Chemistry		3	Microbiology		2	Image Anatomy	1		Pharmacology Laboratory	1	
	Physical and Analytical Chemistry Laboratory		1	Immunology		2	Public Health-Environmental Health	2		Medical Humanities and Clinical Ethics		2
	Physics with Lab		2	Microbiology and Immunology Laboratory		1	Public Health-Preventive Medicine		2	Healthcare Quality		1
	Physical Education	0	0	Public Health- Epidemiology		2	Physiology		3	Medical Law		1
	The Path to Medicine(I)		0	Biostatistics		2	Physiology Laboratory		1	Clinical Diagnosis		1
				Physical Education	0	0	Neurobiology		2	Clinical Diagnosis Practice		2
				The Path to Medicine(II)	1		Medical Genetics		2	Clinical skills and medical communication		2
							Parasitology		2	Laboratory Diagnosis (include Practice)		2
							Parasitology Laboratory		1	Introduction of clinical medicine		0.5
							Studies of Living and Death		2	Disorders of Cardiovascular System		1.5
										Pulmonary and Critical Care Medicine		1
										Disease of Digestive System		1.5
										Rheumatology, Immunology & Infectious Diseases		1.5
										Endocrine System		1.0
										Medicine Paper Writing(I)		0
E l e c t i v e	Medicine and Philosophy*	2		Behavior Science*	2		Elective Courses in Medical Humanities (II)		2			
	Medicine and History*	2		Elective Courses in Medical Humanities (I)		2						
	Understanding the Sociology of Health*		2									
	Initiatives Practice in Volunteering Work*		1									
Total		12	10		13	11		15	17		15	18

Curriculum of the Bachelor Program at the Department of Medicine,
Chang Gung University (For students admitted in Fall, 2025)

	Course Title	Fifth		Course Title	Sixth	
		F	S		F	S
R e q u i r e d C o u r s e s	Nephrology and Urology	2		Clinical Clerkship in Medicine	8	
	Hema and Oncology	1		Clinical Clerkship in Surgery	8	
	Neurology, Psychiatry, and Anesthesiology			Clinical Clerkship in Obstetrics & Gynecology	4	
	Clinical Neurology	2		Clinical Clerkship in Pediatrics	4	
	Psychiatry	0.5		Clinical Clerkship in Emergency Medicine	2	
	Anesthesiology	0.5		Clinical Clerkship in Neurology	2	
	Musculoskeletal System and Rehabilitation	1		Clinical Clerkship in Psychiatry	2	
	Reproduction, Development, and Growth			Diagnosotic Imaging & Intervention Practice	2	
	Obstetrics and Gynecology	2.5		Objective Structured Clinical Examination(OSCE)		0
	Pediatrics	1.5				
	Sensory			(Select 16 elective credits from the following)		
	Ophthalmology	1		Clinical Clerkship in Otorhinolaryngology	2	
	Otorhinolaryngology	1		Clinical Clerkship in Ophthalmology	2	
	Dermatology	1		Clinical Clerkship in Anesthesiology	2	
	Nutrition	1		Clinical Clerkship in Anatomic Pathology	1	
	Legal Medicine	1		Clinical Clerkship in Laboratory Medicine	1	
	Medicine Paper Writing (2)		1	Clinical clerkship in Dermatology	2	
	Clinical Clerkship-Medicine	6		Clinical Clerkship in Rehabilitation Medicine	2	
	Clinical Clerkship-Surgery	4		Clinical Clerkship in Nuclear Medicine	2	
	Clinical Clerkship-Obstetrics & Gynecology	2		Clinical Clerkship in Tumor Radiology	2	
	Clinical Clerkship-Pediatrics	2		Clinical Clerkship in Family Medicine	2	
	Clinical Clerkship-Neurology	1		Off-Campus Internship(1)	4	
	Internship in Family Medicine	0.5		Off-Campus Internship(2)	4	
	Clinical clerkship-Dermatology	0.5		Geriatrics Clerkship Program	2	
Total		33			48	

Notes:

1. Graduation Credits: **221** credits.

(1) 179 mandatory credits (including 4 credits for on-campus internships and 66 credits for off-campus internships).

(2) 17 elective credits:

A. At least 13 elective credits from the department (including at least 13 credits from designated medical humanities elective courses).

B. Up to 4 elective credits from other departments can be recognized (general education, physical education, and national defense military education courses are not included).

(3) General Education Credits: Please refer to the General Education Center's course regulations. **A total of 25 credits are required, including courses in the Holistic Education domain, English domain, Core curriculum, and Diverse curriculum.**

2. Physical Education: Required 0 credits for freshmen and sophomores.

3. English Graduation Requirement: The student must meet the university's English proficiency requirement to graduate. Please refer to the Language Center for details.

Other Regulations:

4. Students must complete a total of 9 credits in the core foundational courses (marked with *) before you can take the mandatory course "Medical Humanities and Clinical Ethics" in your fourth year. (For those taking the core medical humanities foundational courses for the first time, priority should be given to courses offered by the School of Medicine.)

5. Medical Humanities (I) elective course-group includes a total of three courses: "Medical Anthropology", "Bioethics", "Historical Survey of Public Health". Medical Humanities (II) elective course-group includes a total of four courses: "Gender and Medicine", "Language · Narrative and Healing", "Shi-literati and Chinese Culture", "Science, Technology and Medicine". The elective courses in medical humanities are divided into two groups: (I) and (II). Each group requires students to select at least one course.

6. Students must fulfill all course requirements for the medical humanities courses from the first to the third year in order to enroll in the mandatory course 'Medical Humanities and Clinical Ethics' in the fourth year.

7. The AI field course "Introduction to Artificial Intelligence " (1 credit) can only be retaken within courses offered by the Department of Medicine or Traditional Chinese Medicine.

8. Elective Courses: "Research of Life Science" (1 credit, for years 1 to 6), " Biology(II) " (2 credits, 1st-year spring semester), " Interpersonal Relations Theory and Application "(2 credits, 2nd-year fall semester), " Cell and Molecular Systems Biology " (2 credits, 2nd-year spring semester), " Health Services Research:Methodology in Social and Behavior Sciences"(2 credits, 2nd-year spring semester), "Medical Taiwanese"(1 credit, 4th-year fall semester), " Hospice Care" (2 credits, 4th-year fall semester), "ECG Interpretation" (1 credit, 4th-year spring semester), "Basic 9.Critical Care" (1 credit, 4th-year spring semester), "Evidence-based Medicine" (1 credit, 4th-year spring semester), **"Medical Mycology"(1 credit, 4th-year spring semester)**, " Principle and Practice of Medical Records " (1 credit, 5th-year fall semester), "Emergency Medicine " (2 credits, 5th-year fall semester), " Clinical Reasoning "(1 credit, 5th-year **spring** semester), "Point of care Ultrasound " (2 credits, 6th-year spring semester).

9. Approval from the course instructor is required to take take upgrade courses.