

Chang Jung Christian University Department of Medical Science Industries Curriculum List

(Curriculum Guides,2021 Academic Year)

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obligatory / elective course	No.	course name(ch)	course name	grade	semester	credit	hours/week		Remark
							instruction	parctice	
common course-obligatory	PE00217	體育 I	Physical Education I	1	1	0	2	0	
	PE00218	體育 II	Physical Education II	1	2	0	2	0	
	PE00219	體育 III	Physical Education III	2	1	0	2	0	
	PE00220	體育 IV	Physical Education IV	2	2	0	2	0	
language course-obligatory	GE00561	國文	Chinese	1	2	2	2	0	
	LE00297	英文 I	Freshman English I	1	1	2	2	0	
	LE00298	英文 II	Freshman English II	1	2	2	2	0	
	LE00299	外語初級 I	Foreign Language (basic)I	2	1	2	2	0	
	LE00300	外語初級 II	Foreign Language (basic)II	2	2	2	2	0	
general course-obligatory	GE00206	音樂欣賞	Music Appreciation	1	2	2	2	0	
	GE00562	長榮精神	University and Holistic Pastoral Education	1	2	2	2	0	
	GE00567	通識課程		0	1	8	2	0	
	GE00656	體驗學習	Experience Learning	1	1	1	1	2	
dep. course-obligatory	MS00000	普通化學(含實驗)	General Chemistry (Including Lab)	1	1	3	3	0	
	MS00002	解剖學(含實驗)	Anatomy & Lab.	1	1	3	3	0	
	MS00129	醫藥產業概論	Introduction to Medical Industries	1	1	2	2	0	
	MS00060	生理學	Physiology	1	2	3	3	0	
	MS00061	有機化學	Organic Chemistry	1	2	3	3	0	
	MS00062	有機化學實驗	Organic Chemistry Laboratory	1	2	1	0	3	
	MS00090	藥學導論	Perspective in Pharmacy	2	1	2	2	0	
	MS00120	生物化學	Biochemistry	2	1	3	3	0	
	MS00121	醫藥科技英文	Technical English in Medicine	2	1	3	3	0	
	MS00122	藥物科技與實務	Pharmaceutical Technology & Lab.	2	2	3	3	0	
	MS00063	藥理學	Pharmacology	2	2	3	3	0	
	MS00123	生物統計學	Biostatistics	2	2	3	3	0	
	MS00068	藥物化學	Medicinal Chemistry	3	1	3	3	0	
	MS00124	細胞生物學	Cell Biology	3	1	3	3	0	
	MS00125	分子生物學(含實驗)	Molecular Biology(Including Lab)	3	2	3	3	0	
	MS00116	書報討論 I	Seminar I	4	1	2	2	0	
	MS00117	書報討論 II	Seminar II	4	2	2	2	0	

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dep. course-elective	ZC00001	跨領域微學分 I		0	1	1	1	0	
	ZC00002	跨領域微學分 II		0	1	1	1	0	
	ZC00003	跨領域微學分 III		0	1	1	1	0	
	MS00106	健康科學概論	Introduction to Health Science	1	1	2	2	0	
	MS00076	中藥概論	Outline of Chinese Materia Medica	1	2	2	2	0	
	MS00105	公共衛生概論	Introduction to Public Health	1	2	2	2	0	
	MS00099	分析化學暨實驗	Analytical Chemistry & Laboratory	2	1	3	3	0	
	MS00112	微生物暨免疫學	Microbiology and Immunology	2	1	2	2	0	
	MS00107	健康社會行為學	Health and Social Behavior	2	1	3	3	0	
	MS00042	醫藥行銷管理	Marketing Management in Medicine	2	2	2	2	0	
	MS00134	生藥學	Pharmacognosy	2	2	2	2	0	
	MS00010	病理學	Phathology	2	2	2	2	0	
	MS00114	生物醫學	Biomedical Sciences	2	2	2	2	0	
	MS00115	科學研究方法	Scientific Research Methods	2	2	2	2	0	
	MS00108	環境與職業衛生	Environmental and Occupational Health	2	2	3	3	0	
	MS00130	醫藥專利與法規	Medical Patent and Regulation	2	2	2	2	0	
common course-elective	PE00343	體育V	Physical Education V	3	1	1	2	0	
dep. course-elective	MS00025	天然物化學	Chemistry of Natural Products	3	1	2	2	0	
	MS00131	專題研究 I	Undergraduate Research I	3	1	3	3	0	
	MS00133	再生醫學與組織工程	Regenerative Medicine and Tissue Engineering	3	1	2	2	0	
	MS00109	衛生行政與管理	Health Administration and Management	3	1	3	3	0	
common course-elective	PE00344	體育VI	Physical Education VI	3	2	1	2	0	
dep. course-elective	MS00077	炮製學(含實驗)	TCM Processing (Including Lab)	3	2	3	3	0	
	MS00113	蛋白質藥物設計	Protein Drug Design	3	2	2	2	0	
	MS00132	專題研究 II	Undergraduate Research II	3	2	3	3	0	
	MS00110	流行病學	Epidemiology	3	2	3	3	0	
	MS00111	衛生法規及倫理	Health Law and Ethics	3	2	3	3	0	
	MS00135	產業見習	Internship in Industry	4	1	3	0	6	
	MS00029	藥物分析	Pharmaceutical Analysis	4	1	2	2	0	

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dep. course-elective	MS00128	精準醫療	Precision Medicine	4	1	2	2	0	
	MS00126	生物材料學	Biomaterials	4	1	2	2	0	
	MS00080	產業實習I	Practice in Medical Industry I	4	1	3	0	6	
	MS00081	產業實習II	Practice in Medical Industry II	4	1	3	0	6	
	MS00093	藥劑學	Pharmaceutical Dosage Forms, Drug Delivery Systems and Medical Devices	4	1	3	3	0	
	MS00127	醫學工程	Medical Engineering	4	2	2	2	0	
	MS00082	產業實習III	Practice in Medical Industry III	4	2	3	0	6	
	MS00083	產業實習IV	Practice in Medical Industry IV	4	2	3	0	6	
	MS00084	產業實習V	Practice in Medical Industry V	4	2	3	0	6	
	MS00092	生物製藥與藥物動力學	Biopharmaceutics& Pharmacokinetics	4	2	3	3	0	
	MS00018	儀器分析	Instrumental Analysis	4	2	2	2	0	
obligatory 68 elective course 60 credit sum 128 The maximum elective credits from other departments that can be counted is 15									