

Chang Jung Christian University Department of Medical Science Industry Curriculum List

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obligatory / elective course	No.	course name(ch)	course name	grade	semester	credit	hours/week		Remark
							instruction	parctice	
common course-obligatory	MT00085	全民國防教育軍事訓練-國際情勢	All-out Defence Education Military Training - International Situations	1	1	0	2	0	
	MT00086	全民國防教育軍事訓練-國防政策	All-out Defence Education Military Training - National Defense Policies	1	2	0	2	0	
	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		2	1	2	2	0	
	LE00300	外語初級 II		2	2	2	2	0	
general course-obligatory	GE00206	音樂欣賞	Music Appreciation	1	1	2	2	0	
	GE00537	服務學習	Service-Learning	1	2	1	1	2	
	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	
	GE00663	經典99	Classics 99	0	1	2	2	0	
dep. course-obligatory	MS00000	普通化學(含實驗)	General Chemistry & Lab.	1	1	3	3	0	
	MS00001	普通生物學	General Biology	1	1	2	2	0	
	MS00002	解剖學(含實驗)	Anatomy & Lab.	1	1	3	3	0	
	MS00003	有機化學	Organic Chemistry	1	2	2	2	0	
	MS00004	醫藥科技概論	Introduction to Medical Science	1	2	2	2	0	
	MS00005	生理學	Phsiology	1	2	2	2	0	
	MS00006	生物化學	Biochemistry	2	1	2	2	0	
	MS00007	藥理學	Pharmacology	2	1	2	2	0	
	MS00008	外科學	Surgery	2	1	2	2	0	
	MS00009	細胞生物學	Cell Biology	2	2	2	2	0	
	MS00010	病理學	Phathology	2	2	2	2	0	
	MS00011	藥物科技與實務	Pharmaceutical Technology & Lab.	3	1	4	4	0	
	MS00012	免疫學	Immunology	3	1	2	2	0	
	MS00013	疾病綜論	Disease Review	3	2	2	2	0	
	MS00014	生物統計學	Biostatistics	3	2	2	2	0	
	MS00015	內科學	Internal Medicine	4	1	2	2	0	

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dep. course-obligatory	MS00016	醫藥科技專題討論及研究方法I	Seminar and Rearch Method of Medical Science I	4	1	2	2	0	
general course-obligatory	MS00055	醫學專業倫理	Medical Professional Ethics	4	1	1	1	0	
dep. course-obligatory	MS00017	醫藥科技專題討論及研究方法II	Seminar and Rearch Method of Medical Science II	4	2	2	2	0	
	MS00018	儀器分析	Instrumental Analysis	4	2	2	2	0	
dep. course-elective	MS00021	應用微生物學	Applied microbiology	1	1	2	2	0	
	MS00032	醫藥產業創新概論	Introduction to Medical Industry Innovation	1	1	2	2	0	
	MS00020	生物技術概論	Introduction to Biotechnology	1	1	2	2	0	
	MS00022	分析化學	Analytical Chemistry	1	2	2	2	0	
	MS00033	食品科技概論	Introduction to Food Technology	1	2	2	2	0	
	MS00034	生技儀器分析與應用	Instrumental Analysis and Application in Biotechnology	1	2	2	2	0	
	MS00023	中醫學概論	Introduction to Chinese Medicine	2	1	2	2	0	
	MS00024	營養學	Nutrition	2	1	2	2	0	
	MS00035	健康食品概論	Introduction to Health Food	2	1	2	2	0	
	MS00036	化粧品產業概論	Introduction to Cosmetic Industry	2	1	2	2	0	
	MS00044	經絡養生概論	Introduction to Meridian Health	2	1	2	2	0	
	MS00025	天然物化學	Chemistry of Natural Products	2	2	2	2	0	
	MS00037	製藥產業概論	Introduction to Pharmaceutical Industry	2	2	2	2	0	
	MS00038	醫藥科技英文I	Medical Science English I	2	2	2	2	0	
	MS00045	發酵應用與實務	Fermetation Application & Lab.	2	2	3	3	0	
	MS00046	健康食品品質管制	Health Food Quality Control	2	2	2	2	0	
common course-elective	PE00343	體育V	Physical Education V	3	1	1	2	0	
dep. course-elective	MS00026	中(草)藥概論	Introduction to Heral medicine	3	1	2	2	0	
	MS00027	分子生物學	Molecular Biology	3	1	2	2	0	
	MS00039	醫藥科技英文II	Medical Science English II	3	1	2	2	0	
	MS00040	疾病與藥物導論	Introduction to Disease and Drug	3	1	2	2	0	
	MS00047	健康藥膳與實務製備	Health Medicated Diet & Lab.	3	1	3	3	0	
common course-elective	PE00344	體育VI	Physical Education VI	3	2	1	2	0	

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dep. course-elective	MS00028	公共衛生學	Public Health	3	2	2	2	0	
	MS00029	藥物分析	Pharmaceutical Analysis	3	2	2	2	0	
	MS00041	生物醫材	Biological Medicine	3	2	2	2	0	
	MS00042	醫藥行銷管理	Marketing Management in Medicine	3	2	2	2	0	
	MS00043	新藥開發簡介	Introduction to Drug Development	3	2	2	2	0	
	MS00048	動物實驗方法	Animal Experimental Method	3	2	2	2	0	
	MS00049	天然物分離技術	Separation Techniques for the Isolation of Natural Products.	3	2	2	2	0	
	MS00030	奈米科技概論	Introduction to Nano-Technology	4	1	2	2	0	
	MS00050	醫藥照護概論	Introduction to Medical Care	4	1	2	2	0	
	MS00051	輔具設計	Auxiliary Design	4	1	2	2	0	
	MS00052	醫療器材專利與法規	Medical equipment and regulation	4	1	2	2	0	
	MS00031	抗癌藥開發概論	Introduction to Anticancer drug development	4	2	2	2	0	
	MS00053	炮製學與實務	Herb Processing & Lab.	4	2	3	3	0	
	MS00054	產業見習	Practice in Medical Industry	4	2	1	1	0	
obligatory 69 elective course 59 credit sum 128									