

Chang Jung Christian University Department of Medical Science Industry Curriculum List

Print Date 2018/6/21 上午10:37:

Page 1 / 3

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		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	2	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	MS00002	解剖學(含實驗)	Anatomy & Lab.	1	1	3	3	0	
	MS00056	普通化學	General Chemistry	1	1	3	3	0	
	MS00057	普通化學實驗	General Chemistry Laboratory	1	1	1	0	3	
	MS00058	心理學	Psychology	1	1	3	3	0	
general course-obligatory	MS00087	醫學專業倫理	Medical Ethics	1	1	3	3	0	
dep. course-obligatory	MS00059	計算機概論	Introduction to Calculus	1	2	3	3	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	
	MS00063	藥理學	Pharmacology	2	1	3	3	0	
	MS00064	藥學導論	Orientation in Pharmacy	2	1	3	3	0	
	MS00065	生藥學(含植物化學)	Pharmacognosy (Including Plant Chemistry)	2	1	3	3	0	
	MS00011	藥物科技與實務	Pharmaceutical Technology & Lab.	2	2	4	4	0	
	MS00066	臨床生物化學	Clinical Biochemistry	2	2	3	3	0	
	MS00067	生物統計	Fundamentals of Biostatistics	2	2	3	3	0	
	MS00068	藥物化學	Medical Chemistry	3	1	3	3	0	

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Print Date 2018/6/21 上午10:37:

Page 2 / 3

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dep. course-obligatory	MS00069	製藥產業	Pharmaceutical Industry	3	2	3	3	0	
dep. course-elective	MS00070	健康照護概論	General Health Care	1	1	3	3	0	
	MS00071	微生物與寄生蟲學	Microbiology (Including Parasitology)	1	2	3	3	0	
	MS00072	醫藥科技英文I	Technical English in Medicine I	2	1	3	3	0	
	MS00073	醫藥科技英文II	Technical English in Medicine II	2	2	3	3	0	
common course-elective	PE00343	體育V	Physical Education V	3	1	1	2	0	
dep. course-elective	MS00009	細胞生物學	Cell Biology	3	1	2	2	0	
	MS00008	外科學	Surgery	3	1	2	2	0	
	MS00015	內科學	Internal Medicine	3	1	2	2	0	
	MS00024	營養學	Nutrition	3	1	2	2	0	
	HD00124	天然物化學	Chemistry of Natural Products	3	1	2	2	0	
common course-elective	PE00344	體育VI	Physical Education VI	3	2	1	2	0	
dep. course-elective	MS00010	病理學	Phathology	3	2	2	2	0	
	MS00035	健康食品概論	Introduction to Health Food	3	2	2	2	0	
	MS00076	中藥概論	Outline of Chinese Materia Medica	3	2	2	2	0	
	MS00077	炮製學(含實驗)	TCM Processing (Including Lab)	3	2	3	3	0	
	MS00012	免疫學	Immunology	4	1	2	2	0	
	MS00045	發酵應用與實務	Fermetation Application & Lab.	4	1	3	3	0	
	MS00074	專題製作I	Research and Writing Thesis I	4	1	3	3	0	
	MS00079	產業見習	Internship in Industry	4	1	3	3	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	
	MS00082	產業實習III	Practice in Medical Industry III	4	1	3	0	6	
	MS00018	儀器分析	Instrumental Analysis	4	2	2	2	0	
	MS00052	醫療器材專利與法規	Medical equipment and regulation	4	2	2	2	0	
	MS00049	天然物分離技術	Separation Techniques for the Isolation of Natural Products.	4	2	2	2	0	
	MS00047	健康藥膳與實務製備	Health Medicated Diet & Lab.	4	2	3	3	0	
	MS00075	專題製作II	Research and Writing Thesis II	4	2	3	3	0	
	MS00078	疾病與藥物導論	Disease and Drug Review	4	2	3	3	0	
	MS00083	產業實習IV	Practice in Medical Industry IV	4	2	3	0	6	

Chang Jung Christian University Department of Medical Science Industry Curriculum List

Print Date 2018/6/21 上午10:37:

Page 3 / 3

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dep. course-elective	MS00084	產業實習V	Practice in Medical Industry V	4	2	3	0	6	
	MS00085	產業實習VI	Practice in Medical Industry VI	4	2	3	0	6	
obligatory 74 elective course 54 credit sum 128									