高雄醫學大學 115 學年度醫藥暨應用化學系碩士班科目及學分表

必選修	代 號	科 目 名 稱	學分數	一上	一下	二上	二下	主負責老師	備 註
必修		操行							
		專題討論暨學術倫理(醫化組）(EN)(EMI) Seminar and Academic Integrity (EN)(EMI)	4	1	1	1	1	高佳麟 945032	全英文授課
		專題討論暨學術倫理(醫化組）(EN)(EMI) Seminar and Academic Integrity (EN)(EMI)	4	1	1	1	1	陳泊余 935036	全英文授課
		專題討論暨學術倫理(應化組）(EN)(EMI) Seminar and Academic Integrity (EN)(EMI)	4	1	1	1	1	王志光 925010	全英文授課
		專題討論暨學術倫理(B 組）(EN)(EMI) Seminar and Academic Integrity (EN)(EMI)	4	1	1	1	1	陳喧應 985015 不用外審 多一個科目代碼	限 B 組修習 四個老師輪流
		特別演講(EN)(EMI) Special Lecture(EN)(EMI)	0	0	0	0	0	陳嘉祥 1075015	
		教學實習(EN)(EMI) Professional Practice in Chemistry(EN)(EMI)	4	1	1	1	1	一上陳慧芬 1005028 一下林金泰 1135066 二李建宏 1075004	全英文授課
		碩士論文 Thesis	6						
選修	*	有機化學特論（一）(EN)(EMI) Special Topics in Organic Chemistry（I）(EN)(EMI)	2	2				王志鈺 795065	全英文授課
	*	有機化學特論（二）(EN)(EMI) Special Topics in Organic Chemistry（II）(EN)(EMI)	2		2			王志鈺 795065	全英文授課
	*	無機化學特論（一）(EN)(EMI) Special Topics in Inorganic Chemistry（I）(EN)(EMI)	2	2				許智能 915019	全英文授課
	*	無機化學特論（二）(EN)(EMI) Special Topics in Inorganic Chemistry（II）(EN)(EMI)	2		2			許智能 915019	全英文授課
	*	物理化學特論（一）(EN)(EMI) Special Topics in Physical Chemistry（I）(EN)(EMI)	2	2				王麗芳 805007	全英文授課
	*	物理化學特論（二）(EN)(EMI) Special Topics in Physical Chemistry（II）(EN)(EMI)	2		2			王麗芳 805007	全英文授課
	*	儀器分析特論（一）(EN)(EMI) Special Topics in Instrumental Analysis（I）(EN)(EMI)	2	2				杜采澐 815012	全英文授課
	*	儀器分析特論（二）(EN)(EMI) Special Topics in Instrumental Analysis（II）(EN)(EMI)	2		2			陳泊余 935036	全英文授課
	●	有機化學導論(EN)(EMI) Introduction to Organic Chemistry(EN)(EMI)	3	3				陳義龍 805006	限 B 組修習
	●	無機化學導論(EN)(EMI) Introduction to Inorganic Chemistry(EN)(EMI)	3	3				陳喧應 985015	限 B 組修習
	●	物理化學導論(EN)(EMI) Introduction to Physical Chemistry(EN)(EMI)	3		3			陳信允 955029	限 B 組修習
	●	分析化學導論(EN)(EMI) Introduction to Analytical Chemistry(EN)(EMI)	3		3			黃俊嬴 985007	限 B 組修習
		材料化學特論（一）(EN)(EMI) Special topics in materials in chemistry（I）(EN)(EMI)	2	2				王志光 925010	
		材料化學特論（二）(EN)(EMI) Special topics in materials in chemistry（II）(EN)(EMI)	2		2			王志光 925010	
		生物化學特論（一）(EN)(EMI) Special Topics in Biochemisty（I）(EN)(EMI)	2	2				王子斌 945031	

		生物化學特論（二）(EN)(EMI) Special Topics in Biochemisty（II）(EN)(EMI)	2		2			王子斌 945031	
		生醫材料特論(EN)(EMI) Special Topics in Biomaterials(EN)(EMI)	2		2			王麗芳 805007	
		有機光譜特論(EN)(EMI) Special Topics in Spectroscopy(EN)(EMI)	2	2				陳義龍 805006	
		生物有機化學特論（一）(EN)(EMI) Special Topics in Bioorganic Chemistry（I）(EN)(EMI)	2	2				王志鉦 795065	
		生物有機化學特論（二）(EN)(EMI) Special Topics in Bioorganic Chemistry（II）(EN)(EMI)	2		2			王志鉦 795065	
		醫藥品合成化學特論(EN)(EMI) Special Topics in Drug Synthesis (I) (EN)(EMI)	2		2			陳義龍 805006	
		有機金屬化學特論(EN)(EMI) Special Topics in Organometallic Chemistry(EN)(EMI)	2	2				陳喧應 985015	
		超分子化學特論(EN)(EMI) Special Topic in Supramolecular Chemistry(EN)(EMI)	2		2			許智能 915019	
		生物無機化學特論(EN)(EMI) Special Topics in Bioinorganic Chemistry(EN)(EMI)	2	2				許智能 915019	全英文授課
		電化學特論(EN)(EMI) Special Topics in Electrochemistry(EN)(EMI)	2	2				陳泊余 935036	
		質譜學特論(EN)(EMI) Special Topics in Mass Spectrometry(EN)(EMI)	2		2			黃博瑞 795023	
		生物觸媒化學特論(一) (EN)(EMI) Special Topics in Biocatalytical Chemistry(I) (EN)(EMI)	2	2				王子斌 945031	
		生物觸媒化學特論(二) (EN)(EMI) Special Topics in Biocatalytical Chemistry(II) (EN)(EMI)	2		2			王子斌 945031	
		藥物分析特論(EN)(EMI) Special Topics in Pharmaceutical Analysis(EN)(EMI)	2		2			杜采濾 815012	
		有機金屬催化劑特論(EN)(EMI) Special Topics in Organometallic Catalysts(EN)(EMI)	2		2			陳喧應 985015	
		計算化學概論(EN)(EMI) Introduction to Computational Chemistry(EN)(EMI)	2	2				陳信允 955029	
		企業實習(EN)(EMI) Industry Internship(EN)(EMI)	3				3	陳嘉祥 1075015	

【Note】Master's Program Regulations

1. A total of 34 credits is required for graduation. Required courses (including 6 thesis credits): 14 credits, Electives: 20 credits
   o Group A: Students must complete 3 out of 8 designated eledctives (marked "Ü"). (Applicable to students admitted from 2019 Academic year)
   o Group B: Students must complete all 4 designated electives (marked "●") and 1 out of 8 electives (marked "Ü").
2. Each elective course requires a minimum of 3 students to be offered.
3. Students admitted in the 2009 Academic year and thereafter must pass an English test equivalent to GEPT Intermediate (First Stage) before graduation. Those who fail must take additional English courses.)
4. With the approval of both the advisor and the department chair, credits from partner. universities may be recognized toward graduation.

5. With the approval of the advisor and department chair, students may take biostatistics-related. courses offered by other departments at KMU. (According to the Office of Academic Affairs, notice, June 20, 2011)
6. Students who pass the early admission selection and obtain early-entry student status are. required to take the Master's Special Lecture (0,0) course for one academic year.
7. Students who pass the early admission selection and obtain early-entry student status are. required to take the Master's Teaching Practicum (0,0) course for one academic year.
8. Students who pass the early admission selection and obtain early-entry student status must take the Master's Teaching Practicum (1,1) course during their first year (senior undergraduate year). Effective from the 2024 Academic year.
9. Graduate students may take up to 15 credits per semester.
10. Master's students may take doctoral-level courses in the department, and the credits may be. counted as electives toward graduation.
11. Starting from 2017 Academic year, graduate students must complete the self-study course and. pass the final test on the Taiwan Academic Ethics Education Resource Center website during their first semester. A course certificate is required before applying for the degree examination.
12. Students in this Frontier chemistry division may take existing courses offered by Academia. Sinica, Taiwan. These courses may be added directly to the curriculum list (as newly added courses) without external review.
13. For graduate students taking undergraduate-level courses, the minimum passing grade is 60. Failed courses cannot be retaken or made up, and their grades/credits are not included in the semester GPA, graduation GPA, or credit totals.

<table>
<tr><td colspan="2">畢業標準-醫藥暨應用化學系碩士班 B 組
111 學年度第 2 次系務會議決議事項(112.1.9)</td></tr>
<tr><td>必修學分(含碩士論文 6 學分)：12 學分
選修學分：18 學分
（選修課程"●"四科選四科修習及"✱"八科選一科修習）：14 學分，其它選修課程：4 學分</td><td rowspan="2">畢業總學分 30 學分</td></tr>
<tr><td>教學實習/0 學分，第一年至大學部支援必修課授課教師，第二年支援化學實驗課程</td></tr>
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修正表歷史紀錄

~~選修課程"*"四科選二科修習~~	105-4 系務會議決議(106.1.10)
通過預研生甄選，且取得預研生身份只需修習碩士班教學實習(0，0)課程一學年。	105-1 系課程委員會決議(105.10.18)
研究生每學期最多可修習 15 學分。	
碩士班學生可選修本學系博士班課程，其學分可列入畢業選修學分計算。	
通過預研生甄選，且取得預研生身份只需修習碩士班特別演講(0，0)課程一學年。	104.7.22 校課程委員會決議