

114 Ph.D. program for the Faculty of Medicinal and Applied Chemistry

Type of Course	Code	Courses	Credits	1st Year 1st Semester	1st Year 2nd Semester	2nd Year 1st Semester	2nd Year 2nd Semester	3rd Year 1st Semester	4th year 1st Semester	Faculty	note
Require courses		操作									
		學術倫理暨專題討論(EN/EMI) Academic Integrity and Seminar(EN/EMI)	2	1	1					Genin Gary Huang	English
		專題討論(EN/EMI) Seminar(EN/EMI)	2			1	1			Vinoth Kumar	English
		特別演講(EN/EMI) Special Lecture(EN/EMI)	0	0	0	0	0			Vinoth Kumar	English
		教學實習(EN/EMI) Professional Practice in Chemistry(EN/EMI)	4	1	1	1	1			1. Tsai-Hui Duh 2. Wei-Yu Lin	English
		合計 Total	8	1	1	1	1				
		博士論文 Dissertation	12								
Elective courses	*	高級無機化學特論(一) (EN/EMI) Special Topics in Advanced Inorganic Chemistry (I) (EN/EMI)	2	2						Chia-Hsiang Chen	English
	*	高級無機化學特論(二) (EN/EMI) Special Topics in Advanced Inorganic Chemistry (II) (EN/EMI)	2		2					Chia-Hsiang Chen	English
	*	高級物理化學特論(EN/EMI) Special Topics in Advanced Physical Chemistry (EN/EMI)	2	2						Li-Fang Wang	English
		高級藥物化學特論(EN/EMI) Special Topics in Advanced Medicinal Chemistry (EN/EMI)	2	2						Wei-Peng Li	English
	*	高級分析化學特論(一) (EN/EMI) Special Topics in Advanced Analytical Chemistry (I) (EN/EMI)	2	2						Vinoth Kumar	English
	*	高級分析化學特論(二) (EN/EMI) Special Topics in Advanced Analytical Chemistry (II) (EN/EMI)	2		2					Vinoth Kumar	English
	*	高級有機化學特論(EN/EMI) Special Topics in Advanced Organic Chemistry(EN/EMI)	2		2					Chai-Lin Kao	English
		高級雜環化學特論(EN/EMI) Special Topics in Advanced Heterocyclochemistry(EN/EMI)	2	2						Chai-Lin Kao	English
		高級生物有機化學特論 (一) (EN/EMI) Special Topics in Advanced Bioorganic Chemistry (I) (EN/EMI)	2	2						Jeh-Jeng Wang	English
		高級生物有機化學特論 (二) (EN/EMI) Special Topics in Advanced Bioorganic Chemistry (II) (EN/EMI)	2		2					Jeh-Jeng Wang	English
		高級化學尖端領域特論(一) (EN/EMI) Special Topics in Advanced in frontier areas of chemistry(I) (EN/EMI)	2	2						Wei-Yu Lin	English
		高級化學尖端領域特論(二) (EN/EMI) Special Topics in Advanced in frontier areas of chemistry(II) (EN/EMI)	2		2					Wei-Yu Lin	English

【Note】 Doctoral Program Regulations

1. Credit Requirements

- In addition to 12 credits for the doctoral dissertation, students must complete at least 22 course credits.
- Starting from 2020 Academic Year, students must select 3 out of 6 designated elective courses (marked “*”).

2. Credit Limit per Semester

- Students may take a maximum of 15 credits per semester.

3. Minimum Enrollment for Electives

Elective courses will only be offered if at least 3 students enroll.

4. Recognition of Credits from Other Departments/Partner Institutions

With the approval of the advisor and the department chair, doctoral students may count credits from courses offered by related departments at KMU or by partner universities with which KMU has agreements. (Resolution of the Department Curriculum Committee, AY 2016–1 Academic Year,)

5. Biostatistics Courses

With the approval of the advisor and the department chair, doctoral students may take biostatistics-related courses offered by other departments at KMU. (According to Office of Academic Affairs notice, June 20, 2011)

6. Teaching Hour Calculation

According to Article 3, Clause 6 of the “KMU Regulations on the Calculation of Faculty Teaching Hours,” for EMI (English-Medium Instruction) courses approved by the three-level curriculum committees of the university (excluding English language courses), the teaching hours of domestic faculty members will be calculated at double the regular rate.

7. English Proficiency Requirement

Prior to the dissertation defense, doctoral students must pass one of the following English proficiency tests:

1. **TOEFL:** ITP ≥ 500 , CBT ≥ 193 , or iBT ≥ 68
2. **GEPT:** High-Intermediate Level (First Stage) – Pass
3. **TOEIC:** Score ≥ 600
4. **IELTS:** Overall band score ≥ 5.5

Students who take an English test during their study but fail to meet the required score may fulfill the requirement by completing and passing an **advanced English course** offered by the KMU Language and Culture Center.

8. Academic Ethics Requirement

Starting from the 2017 academic Year, students must, during their first semester, complete the self-study course and pass the final test on the Taiwan Academic Ethics Education Resource Center website. Proof of completion is required before

applying for the dissertation defense.

9. Undergraduate Courses Taken by Graduate Students

- A minimum passing grade of **60** is required.
- Failed undergraduate courses cannot be retaken or made up, and their credits/grades will **not** be counted toward semester GPA, graduation GPA, or total credit requirements.