

應用化學系
Department of Applied Chemistry

111 學年度(Academic Year 2022)

科目名稱 Course Name	學分 Credit	第一學年 Grade 1		第二學年 Grade 2		第三學年 Grade 3		第四學年 Grade 4		備註 Note
		1st	2nd	1st	2nd	1st	2nd	1st	2nd	
導師時間 Mentor Hour	0	0	0							
化學 General Chemistry	6	3	3							
化學實驗 General Chemistry Labs	2	1	1							
物理 General Physics	8	4	4							
物理實驗 General Physics Labs	2	1	1							
微積分 Calculus	8	4	4							
有機化學 Organic Chemistry	8			4	4					
有機化學實驗 Organic Chemistry Labs	4			2	2					
分析化學 Analytical Chemistry	6				3	3				
分析化學實驗 Analytical Chemistry Labs	2				1		1			
應用數學 Applied Mathematics	3			3						
物理化學 Physical Chemistry	8			4	4					
物理化學實驗 Physical Chemistry Labs	2				1	1				
無機化學 Inorganic Chemistry	6					3	3			
書報討論 seminar	2							1	1	
有機化學(三) Organic Chemistry (III)	3					3				應選修並通過 左列 11 門核心 課程之任何 4 門 Should take and pass at least four courses from the ten Core courses
有機光譜分析 Spectroscopic Analysis of Organic Compounds	3						3			
無機化學特論 Special Topics in Inorganic Chemistry	3							3		
分析化學特論 Special Topic in Analytical Chemistry	3						3			
分析化學(三) Analytical Chemistry (III)	3							3		
高分子化學 Polymer Chemistry	3						3	3		

物理化學(三) Physical Chemistry (III)	3					3				
化學應用群論 Group Theory for Chemistry	3						3			
物理化學特論 Special Topic in Physical Chemistry	3					3	3			
生物化學 Biochemistry	3					3	3			
整合型化學實驗 Integrated Chemistry Laboratory	3							3		
合計 Total Credits	79	13	13	13	15					

本系最低畢業學分為 128 學分。

Student shall complete at least 128 credit hours of courses to graduate.

畢業前至少應選修並通過核心課程至少 4 門(12 學分)及化學相關課程 3 學分，共計至少 15 學分(含)。

In addition to the above mandatory courses, student must pass at least 4 core courses (12 credits) and earn a minimum of 3 credits from chemistry-related elective course(s) for a total of at least 15 credits.

應用化學系輔系科目表
Department of Applied Chemistry Minor Program
111 學年度(Academic Year 2022)

科目名稱 Course Name	學分數 Credit	科目名稱 Course Name	學分數 Credit
選修本系大二以上必修及核心課程 20 學分。 Minor in Applied Chemistry: 20 credits from core and mandatory courses at and above sophomore level.			