

應用化學系  
Department of Applied Chemistry  
105 學年度(Academic Year 2016)

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 10 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					<u>3</u>	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	<u>3</u>					3	3			
生物化學 Biochemistry	3					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

105 學年度(Academic Year 2016)

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.			