

## 系所課程地圖 Department Curriculum Map

系所概要 Department	
系所名稱 Department Name	生命科學系 Department of Life Sciences
班別 Division	博士班(丙組) Doctoral Program (Biomedical Technology program)

教育目標 Education Goals	
編號 Number	項目內容 Content
A	養成尖端生物科技之產業研發人力 Develop industry professionals for cutting-edge biotechnology research and development
B	培養跨領域的思維模式 Foster interdisciplinary thinking
C	具備專業生物知識與生物技術研發能力 Possess professional biological knowledge and biotechnology research capabilities

學生核心能力 Student Core Competencies		
編號 Number	項目內容 Content	對應教育目標編號 Corresponding Education Goal Number
A	生物技術實驗能力 Training the ability of performing biotechnological experiments	ABC
B	了解生物分子的功能和調節作用 Realizing the functions and regulatory mechanisms of biological	AC
C	追求最新生物學發展的熱誠 The passion for seeking new development of biology	ABC

※附註 Note:

1. 各系所所屬之班別，含學士班、碩士班、博士班等，請分別填寫。 1. Complete the map separately for each division, including Bachelor's, Master's, and Doctoral program.  
 例如：資管學士班需填寫表二及表三；資管碩士班也須填寫表二及表三。 For example, Forms 2 and 3 must be completed for Bachelor's program in Management Information Systems, and also for Master's program in for Bachelor's program in Management Information Systems.
2. 教育目標及核心能力之代號皆以英文字母大寫為主。 2. Codes for Education Goals and Core Competencies must be in uppercase English alphabet letters.
3. 可依不同班（組）別填寫教育目標及核心能力。 3. Education Goals and Core Competencies can be specific to the division in question.

承辦人簽章 Signature of Processing Clerk:                      規劃單位主管簽章 Head of Planning Unit:                      年    月    日 Date:

### 課程規畫表 Curriculum Plan

中文課程名稱 Course Title in Chinese	英文課程名稱 Course Title in English	規劃要點 (附註) Plans (Notes)				對應核心能力編號 Corresponding Education Goal Number	建議修課年級 Recommended Year of Study	開課單位 Course Offering Unit	備註 Remarks
		1	2	3	4				
<b>院核心課程(若無免填，請加註必修、選修) College Core Courses</b> (not required if none, otherwise please indicate Required Courses and Elective Courses)									
<b>必修課程 Required Courses</b>									
專題討論(三)a	Seminar (III) a	D	C	Y	2	BC	1	生科系 Dept. of Life Sciences	
專題討論(三)b	Seminar (III) b	D	C	Y	2	BC	1	生科系 Dept. of Life Sciences	
專題討論(三)c	Seminar (III) c	D	C	Y	2	BC	1	生科系 Dept. of Life Sciences	
專題討論(四)a	Seminar (IV) a	D	C	Y	2	BC	2	生科系 Dept. of Life Sciences	
專題討論(四)b	Seminar (IV) b	D	C	Y	2	BC	2	生科系 Dept. of Life Sciences	
專題討論(四)c	Seminar (IV) c	D	C	Y	2	BC	2	生科系 Dept. of Life Sciences	
畢業論文	Dissertation	D	C		12	ABC	*	生科系 Dept. of Life Sciences	
生物科技學特論	Special Topic in Biotechnology	D	A	S	2	ABC	*	生科系 Dept. of Life Sciences	丙組必修 Biomedical Technology program is Required
實驗室安全衛生	Laboratory Safety and Health	D	A	S	1	A	1	生科系 Dept. of Life Sciences	

※附註：規劃要點填表說明：( 1 到 4 各欄位請填正確代表字母 )

Note: Instructions for completing this form are provided below (please provide the correct English alphabet letters in fields 1 to 4)

- 1: U-學士課程、M-碩士課程、D-博士課程。1: U-Bachelor's program, M-Master's program, D-Doctoral program.
- 2: A-正課、B-實習課、C-台下指導之科目如學生講述或邀請演講之專題討論、專題研究……等。
- 2: A-Lecture, B-Internship, C-Subjects with private guidance such as student presentations or invited speeches, topic discussions, topic research, etc.
- 3: S-學期課、Y-學年課。3: S-Semester course, Y-Year-long course.
- 4: 科目 (全期或全年) 總學分數 (請填阿拉伯數字)。4: Total course (full-semester or full-year) credits (in Arabic numerals).

承辦人簽章 Signature of Processing Clerk:

規劃單位主管簽章 Head of Planning Unit:

年 月 日 Date:

課程規畫表 Curriculum Plan

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		1	2	3	4				
<b>選修課程 Elective Courses</b>									
生命科學特論(一)	Special Topics in Life Sciences (I)	D	C	S	1	B		生科系 Dept. of Life Sciences	
生命科學特論(二)	Special Topics in Life Sciences (II)	D	C	S	1	B		生科系 Dept. of Life Sciences	
動物對環境逆境的生理反應	Environmental Stressors in Animal Physiology		A	S	2	B		生科系 Dept. of Life Sciences	

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承辦人簽章 Signature of Processing Clerk: \_\_\_\_\_ 規劃單位主管簽章 Head of Planning Unit: \_\_\_\_\_ 年 月 日 Date: