

『奈米科學及工程學士學位學程 跨域模組課程 必修科目表』

**Cross-disciplinary Program for Students from Undergraduate Honors
Program of Nano Science and Engineering Compulsory Courses List (A)**

類別 Category	科目名稱 Course Title	學分 Credit	備註 Remarks
本班基礎必修 (44 學分) Fundamental Compulsory Course of Our Undergraduate Honors Program (44 credits)	物理(一)(二) Physics	8	
	物理實驗(一)(二) Physics Labs.	2	
	化學(一)(二) Chemistry	6	
	化學實驗 Chemistry Labs.	1	
	微積分(一)(二) Calculus	8	
	奈米與生涯規劃 Nano and Career Planning	0	
	線性代數 Linear Algebra	3	
	普通生物實驗 General Biology Lab.	1	
	服務學習(一) Service Learning	0	
	服務學習(二) Service Learning	0	
	有機化學(一)(二) Organic Chemistry	6	
	電子學(二) Electronics(II)	3	
	電磁學(一)(二) Electromagnetics	6	
	本班跨域模組 (29 學分) 2 學分為自由選修 Cross-disciplinary Module of Our Undergraduate Honors Program (29 credits) 2 credits from chosen elective courses	微分方程 Differential Equations	3
普通生物學 General Biology		3	
材料科學與工程導論 Introduction to Materials Science and Engineering		3	
電子學(一) Electronics(I)		3	
電子實驗 Electronics Labs.		1	
近代物理 Modern Physics		3	
奈米科技導論 Int.to Nano Science		3	
奈米材料簡介 Int. to Nanostructured Materials		3	
生物化學(一)(二) Biochemistry		4	
奈米科學與工程實驗 Nano science and engineering Lab.		1	
彈性修讀：自由選修 Free electives:chosen elective courses		2	
他系跨域模組 (29 學分) Cross-disciplinary Module of Other Departments(29credits)	本校各系所或學院所提供之跨域 模組學程，擇一修畢 Select one cross-disciplinary module program provided by any department or college of NCTU.	29	
最低畢業學分(合計) Minimum Credits for Graduation		130	

註 1：本校共同必修科目表規定，外語課程必修至少 6 學分。如大學部學生修習共同必修學分數超過 28 學分以上，本校至多可採至 40 學分於最低畢業學分內，但各學系另有規定者，從其規定。

Remarks

1. According to the rules prescribed by Table of General Education Subject of our university, at least 6 credits of foreign language courses must be taken. For the students in the bachelor degree program who study general education subjects more than 28 credits, our university could calculate 40 credits to the minimum graduate credits; please follow the regulations from each department if it is specially defined.