

電機資訊學士班
EECS Undergraduate Honors Program
105 學年度(Academic Year 2016)

科目名稱 Course Name	規定 學分 credit	第一學年		第二學年		第三學年		第四學年		備註 Note
		Grade1		Grade2		Grade3		Grade4		
		1st	2nd	1st	2nd	1st	2nd	1st	2nd	
電機資訊科技 Electrical Engineering and Computer Science Technology	1			1						基礎 課程 57 學 分 57 fundamental credits
大學生活規劃 College Life Planning	1	1								
電機書報專題(至少修一學分) EE Independent Seminar	1	1								
資訊書報專題(至少修一學分) CS Independent Seminar	1		1							
微積分(一)(二) Calculus	6	3	3							
物理(一)(二) General Physics	6	3	3							
物理實驗(一)(二) Physics Lab.	2	1	1							
線性代數 Linear Algebra	3		3							
數位電路設計 Digital Circuit Design	3	3								
電路學 Circuit Theory	3			3						
電子學(一)(二) Microelectronics	6			3	3					
電子實驗(一)、(二) Electronics Lab.	4			2	2					
計算機概論與程式設計 Intro. to Computer Science and Program Design	3	3								
資料結構與物件導向程式設計 Data Structures & Object-Oriented Programming	3		3							
數位電路實驗 Digital Circuit Lab.	2			2						
訊號與系統 Signal and System	3				3					
離散數學 Discrete Mathematics	3	3								
微分方程 Differential Equations	3			3						
機率 Probability	3				3					

核心課程	21	依本班修業規定及學位授予細則規定，分四組:元件、電路、系統、資訊。在四組課程中自由選修(得跨組)至少 21 學分。At least 21 elective credits from Device, Circuit, System, or Informatics areas for core training courses.
合計	78	

其他專業學分：1.本班同學在二年級以上必須選修電機學院與資訊學院所開至少 2 學期專題課程。
2.本班出國留學同學必須選修”國外研習”(1 學分)。

※本班最低畢業學分為 128 學分(校訂共同必修課程 28 學分，外語必修課程 8 學分，至多採計 40 學分)

Other Professional Credits：

1. It's compulsory that students above 2nd year have to take Project from College of Electrical and Computer Engineering or College of Computer Science for at least 2 semesters.

2. For students going abroad for exchanging, have to take Study Abroad Research (1 credits).

Required credits for graduation is 128 credits, including 28 credits for General Education Courses, and 8 credits for Foreign Language Courses (These 2 categories could be taken into account at most 40 credits totally).