

國立中央大學物理學系博士班學生修課組別選擇表

(Course Requirements Selection Form for PhD Students of the Department of Physics at National Central University)

學號 Student ID : _____ 姓名 Name : _____ 指導教授簽名 Signature of Advisor : _____ 申請日期 : _____ 年 _____ 月 _____ 日 Application Date: (YY) (MM) (DD) 承辦人 :

請勾選 (check)	修課課程組別 (Group)	必 修 (Obligatory Courses)	選 修 (Optional Courses)	相關專長 (Field)
	A	量子力學 I (Quantum Mechanics I) 量子力學 II (Quantum Mechanics II) 電動力學 I (Classical Electrodynamics I) 電動力學 II (Classical Electrodynamics II) 古典力學 I (Classical Mechanics I) 統計力學 I (Statistical Mechanics I) 物理教學研習 I(Special Topics on Teaching Physics I) 物理教學研習 II(Special Topics on Teaching Physics II)	PH5、PH6、PH7、PH8、PHT 開頭之非專題課程至少四門 (At least four non-special topic courses starting with PH5, PH6, PH7, PH8, and PHT)	一般物理 (General physics)
	B	量子力學 I (Quantum Mechanics I) 電動力學 I (Classical Electrodynamics I) 固態物理 I (Solid State Physics I) 統計力學 I (Statistical Mechanics I) 物理教學研習 I(Special Topics on Teaching Physics I) 物理教學研習 II(Special Topics on Teaching Physics II)	PH5、PH6、PH7、PH8、PHT 開頭之非專題課程至少四門 (At least four non-special topic courses starting PH5, PH6, PH7, PH8, and PHT)	奈米凝態 (Nano and condensed matter physics)
	C	量子力學 I (Quantum Mechanics I) 量子力學 II (Quantum Mechanics II) 電動力學 I (Classical Electrodynamics I) 電動力學 II (Classical Electrodynamics II) 古典力學 I (Classical Mechanics I) 量子場論 (Quantum Field Theory) 物理教學研習 I(Special Topics on Teaching Physics I) 物理教學研習 II(Special Topics on Teaching Physics II)	PH5、PH6、PH7、PH8、PHT 開頭之非專題課程至少四門 (At least four non-special topic courses starting with PH5, PH6, PH7, PH8, and PHT)	高能與重力 (High-energy and gravitation)
	D	物理教學研習 I(Special Topics on Teaching Physics I) 物理教學研習 II(Special Topics on Teaching Physics II)	PH5、PH6、PH7、PH8、PHT 開頭之非專題課程 10 門 (At least ten non-special topic courses starting with PH5, PH6, PH7, PH8, and PHT)	複雜系統 (Complex systems)

註 1：學生於博士班入學前，所修習上述課程成績達 70 分（含）以上者均可依抵免辦法申請免修。

註 2：如因研究所需，學生經指導教授同意後，由課程委員會審核通過，可修習本校及台聯大博士班(含碩博同修)課程，以減少上述 PH5、PH6、PH7、PH8、PHT 開頭課程之選修要求。(至多 A 組減少 2 門、B 組減少 2 門、C 組減少 2 門、D 組減少 4 門)。

P.S.1: Students can apply for course waiver for courses taken before entering the PhD program with a grade of at least 70 (see Regulation of Credit Transfer for the Doctoral Program).

P.S.2: With agreement from his/her advisor and the approval of the Department Course Committee, a student taking the PhD courses offered by the University System of Taiwan can reduce the requirement of PH5, PH6, PH7, PH8, and PHT optional courses up to two for Groups A, B, and C and up to four for Group D. to two for Groups A, B, and C and up to four for Group D.