國立清華大學天文所 博士班畢業學分審核表(適用 104 學年度春季班以後入學)

Course requirments for graduation in the ASTR Dept., NTHU

(Applies to students entering the Ph.D. program in and after 2016 spring)

必/ Obligatory 選修/Optional	科號 Course No.	科目名稱 Course Title	已修讀 Check	備註 Note
必 Obligatory	ASTR 5100	恆星天文物理 Stellar Astrophysics		
必 Obligatory	ASTR 5300	星系天文學 Galactic Astronomy		
必 Obligatory	ASTR 6100	天文觀測 Observational Astronomy		
必 Obligatory	ASTR 6200	天文輻射物 Astrophysical Radiative Processes		
必 Obligatory	PHYS 5210	統計力學(I) Statistical Mechanics(I)		
必 Obligatory	PHYS 5310/ PHYS 5320	電動力學(I,II) Electrodynamics(I,II)□		
必 Obligatory	PHYS 5410/ PHYS 5420	量子力學(I,II) Quantum Mechanics(I,II)		
必 Obligatory	ASTR 5910/ ASTR 5920	專題演講(I,II) Colloquium(I,II)		
上述共同必修課程,九門科目中須至少四門科目及格。				
必 Obligatory	-	學術研究倫理教育課程(網路教學課程 0 學分),且須通過課程測驗成績達及格標準 Education on Academic and Research Ethics Course (online course, 0 credit): All doctoral students must register this course during the first year of Ph.D. program and pass the exams.		
必 Obligatory	-	英文能力證明(通過相當等級檢定) English-language certificate		
選 Optional	-	專業課程 4 學分(含天文文獻探討) Courses regarding Astronomy for 4 credits. (Seminar is included.)		
資格考:通過的條件為恆星天文物理、星系天文學、古典力學、統計力學、電動力學、量子力學六門科目中通過兩門,其中至少有一門須為恆星天文物理或星系天文學。古典力學、統計力學、電動力學、以及量子力學四門科目的考試與物理系資格考合併舉行。 Qualifying examinations: Within the first-two year, students must pass two of the six following subjects (stellar astrophysics/ galactic astronomy/ classical mechanics/ statistical mechanics/ electrodynamics/ quantum mechanics), in which at least one of the subjects must be stellar astrophysics or galaxy astronomy.				
論文研究:博士生畢業必須於主要 SCI 天文期刊發表至少一篇為第一作者之論文(畢業前被接受),並且在天文相關學術研討會中發表至少一篇為第一作者之口頭報告論文。有特殊狀況者由課程委員會審查決定。 Publication requirement: You are 1st author, and the corresponding author must be the full-time or adjunct professor in NTHU.				

姓名 Name＿＿＿＿＿＿＿＿＿ (學號 ID.＿＿＿＿＿＿＿＿),已修學分 Total credits＿＿＿＿＿

□ 已知悉天文所修課規定,並修讀完成天文所規定修讀課程
　I understand the course program for Ph. D student, and have finished all the required courses.
□ 已知悉天文所修課規定,尚未完成天文所規定修讀課程,將於畢業前完成修讀
　I understand the course program for Ph. D student, and will finish all the required courses.

指導教授簽名 Advisor:＿＿＿＿＿＿＿＿＿＿＿＿＿＿＿

博士班學生預口試結束後,請持本學分審核表、預口試審核表及歷年成績單送至系辦公室

This form should be handed to department office with pre-oral evaluation form and transcript after pre-oral examination.