網路工程研究所碩士班

107 學年度

最低修業年限	一般生為一至四年，在職生為二至五年。至本所修讀碩士班雙聯學位生至少需於本所修業二學期
應修學分數	除個別研究及論文研討課程之外，至少須修滿廿四學分。 修習「教學實務」課程至多採計 1 學分為畢業學分。
應修（應選）課程及符合畢業資格之修課相關規定	1. 新生入學時必須繳交大學部成績單，由本所規定之委員會審查該生之演算法概論、作業系統概論、計算機組織等三科是否修過大學部水準之課程。若有不足者，必須於畢業前完成補修通過大學部課程或選修通過研究所相關課程；未完成者不能畢業。 2. 每學期須選修「個別研究」課程，由碩士論文指導教授評分，以評定學生之研究水準，畢業前該課程至少須有二學期成績為通過。 3. 畢業前須修讀通過一學期「論文研討」課程。 4. 畢業前須通過一門本院研究所開授或認可之英文授課專業課程。（註：研討類型之課程除外。） 5. 除「個別研究」及「論文研討」課程之外，至少須修滿廿四學分，其中至少十八學分須修讀本院所開設之課程，另六學分如選擇非本院課程，須於選課截止前填寫『碩士生修習非本學院課程申請書』，經指導教授同意並經所長認可後方得計入畢業學分，逾期一概不受理。本所所開課程網路程式設計、排隊理論、計算機網路、網路安全、嵌入式系統設計、多媒體通訊六科中至少須選修通過兩科。 6. 碩士生應於提出碩士學位論文計畫書之前通過本院大學部程式檢定考試(已於大學部期間通過本院大學部程式檢定考試者，視為通過)。 7. 修習「教學實務」課程至多採計 1 學分為畢業學分。 8. 碩士生入學後，第一學期須至「臺灣學術倫理教育資源中心」平台修習「學術研究倫理教育課程」。修業期間未通過總測驗之學生，不得申請學位考試。

Master's Degree of the Institute of Network Engineering

Academic Year 2018

Minimum Term of Study	One to four years for full-time students; two to five years for part-time students. Dual-degree graduate students of the Institute must complete at least 2 semesters in the Institute.
Minimum Credits	In addition to the courses of Individual Study and Seminars, students must complete 24 credits. At most one credit can be counted toward the graduate program credit requirement by taking the course of "Teaching Technique Practice.
Curriculum and Regulations	1. Prior to enrollment, a fresh graduate student must submit his undergraduate transcripts to a designated committee for examination. The committee will check if the student's grades on 'Algorithms', 'Operating Systems', and 'Computer Organization' meet the Institute's requirements for undergraduate students. Students who cannot meet the requirements must fulfill the requirements by taking and passing either the undergraduate courses offered by the Department of Computer Science (hereinafter referred to as the Department) at NCTU or the related courses offered by the Institute. If such requirements are not met, the student shall not graduate. 2. Students must take 'Individual Study' every semester and be graded by the thesis advisor in order to evaluate the research ability. At least two semesters should be passed prior to graduation. 3. Students must pass one Seminar course before graduation. 4. Students must pass at least 1 professional course taught in English given or

	approved by Institutes of the Computer Science College (hereinafter referred to as the College) at NCTU prior to graduation. (Note: Except seminar courses.)
	5. In addition to the courses of Individual Study and Seminars, students must complete 24 credits, of which at least 18 must come from courses offered within the College. For the remaining credits, at most 6, students can take courses offered by the other colleges at NCTU or at other institutions. In this case, students must complete the "Application Form for Master's Students to Take Courses in Other Institutes" before the deadline of course enrollment, and the application must be approved by the thesis advisor and then by the Director of the Institute, for the credits to be accepted as part of the graduation credits. Each Master student must take and pass at least two of the following six courses offered by the Institute: Network Programming Design, Queuing Theory, Computer Network, Network Security, Embedded System Design, Multimedia Communications.
	6. Master's students must pass the Basic Programming Examination given by the Department before the thesis proposal is submitted. (Students who have passed the Basic Programming Examination given by the Department during undergraduate years can waive the requirement.)
	7. At most one credit can be counted toward the graduate program credit requirement by taking the course of "Teaching Technique Practice".
	8. Students should register in the course of "Academic Research Ethics Education" during their first semester. Students who don't pass the final assessment of the course can't apply for their degree exam.