資訊科學與工程研究所碩士班
105 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
應修（應選）課程及符合畢業資格之修課相關規定	1. 除己組學生之外，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。己組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「程式設計」、「統計概論」二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等同課程或選修通過研究所相關課程；未完成者不能畢業。 2. 丁組碩士生必須選修通過『系統管理實務』、『網路管理實務』及『系統與網路管理實習』三門課程。入學前修習過本所開設之『系統管理實務』、『網路管理實務』且成績達七十五分以上，經所長核准後可免修該課程。 3. 戊組學生入學後之前二學期必須選修『校務系統開發與管理(一)、(二)』，畢業前須通過此兩課程。 4. 己組學生入學後必須修習『巨量資料分析技術與應用』與『數據科學專題』，且畢業前須通過此兩門課程。 5. 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。 6. 畢業前須修讀通過一學期『論文研討』課程。 7. 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。) 8. 除己組學生之外，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)。 9. 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學院課程，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。 10. 未於修業期限內通過學位考試或未能完成應修課程者，應令退學。 11. 105 學年度前入學學生可申請選擇適用本辦法。

Master's Degree of the Institute of Computer Science and Engineering
Academic Year 2016

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
Curriculum and Regulations	1. Except students in Program F, prior to enrollment, a fresh graduate student must submit his undergraduate transcript to a designated committee for examination. The committee will check if the student's grades on "Introduction to Algorithms", "Introduction to Operating Systems ", and "Computer Organization" meet the Institute's requirements for undergraduate students. Students who do not 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. Prior to enrollment for the students in Program F, a fresh graduate student must submit his undergraduate transcript to a designated committee for examination. The committee will check if the student's grades on "Programming" and "Applied Methods in Statistics" meet the Institute's requirements for undergraduate students. Students who do not meet the requirements must fulfill the requirements by taking and passing either courses equivalent to 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 in Program D must pass the following three courses: "System Administration Practice", "Network Administration Practice", and "Computer and Network System Administration Lab". Students who have completed the "System Administration Practice" and "Network Administration Practice" courses offered by the Institute prior to enrollment and achieved a score of 75 and above for the courses may waive the courses with the approval of the Director of the Institute.

3. Students in Program E must take "Institutional System Development and Management (I) and (II)" in the first 2 semesters and pass both courses prior to graduation.

4. Students in Program F must take "Big Data Technologies and Applications"and"Data Science Project"and pass both courses prior to graduation.

5. Students must take 'Independent 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.

6. Students must pass one Seminar course before graduation.

7. Students must pass at least one professional course taught in English given or approved by the college of Computer Science (hereinafter referred to as the College) at NCTU (Note: Except seminar courses.)

8. Except to the students in Program F,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 may waive the requirement.)

9. 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.

10. Students who do not pass the degree qualifying examination or fulfill the credit requirements within the study period shall be dismissed from the program.

11. This regulation can be applied to the students who enrolled in the institute before 2016 under the approval of the director of the institute.

資訊科學與工程研究所博士班
105 學年度

最低修業年限	一般生為二至七年，在職生為二至八年。至本所修讀博士班雙聯學位生至少需於本所修課、研究合計四學期。
應修學分數	1. 不含論文研討、書報討論以及學位論文研究學分至少須修滿十八學分。 2. 本院研究所應屆畢業生獲得碩士學位後立即修讀博士學位者，含論文研討、書報討論以及學位論文研究學分至少須修滿十二學分。
逕博應修學分數	不含論文研討、書報討論以及學位論文研究學分至少須修滿三十學分
應修（應選）課程及符合畢業資格之修課相關規定	1. 畢業前須選修通過三個「論文研討」及兩個「書報討論」，其中「書報討論」博二以上方能選修。 2. 資格考試通過後每學期必須選修學位論文研究，至畢業為止。 3. 畢業前須通過 1 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。) 4. 不含論文研討以及學位論文研究學分至少須修滿十八學分，其中本所課程至少須修滿九學分，其餘九學分課程可選修經所長認可之相關研究所課程。 5. 本院研究所應屆畢業生獲得碩士學位後立即修讀博士學位者，含在碩士班所修學分數應至少須修滿三十六學分，其中本院課程至少須修滿二十四學分，其餘十二學分課程可選修經所長認可之相關研究所課程。 6. 碩士班逕讀博士學位者至少須修滿三十學分（含碩士班時所修學分），其中本所課程至少須修滿二十四學分，其餘六學分課程可選修經所長認可之相關研究所課程。 7. 以學士學位逕讀博士學位者至少須修滿三十學分，其中本所課程至少須修滿二十四學分，其餘六學分課程可選修經所長認可之相關研究所所開之課程。申請抵免學分以二十四學分為限。 8. 曾因故退學者，若於三年內再次入學，可申請抵免至多三門課程，須經系務委員會審查。 9. 至本所修讀博士班雙聯學位生，應滿足博士學位授予之學分數要求，其中至少三分之一須於本校修習，於簽約學校修習之學分得經抵免程序取得承認。 10. 入學時必須繳交大學部及研究所成績單，或於入學前參加本所博士班資格考之成績紀錄，由本所規定之委員會審查 Formal Languages、Operating Systems、Computer Architecture、以及 Computer Algorithms 等四科是否修過大學部以上水準之課程，或通過該等科目之博士班資格考。若有不足之處，必須於畢業前完成補修或通過資格考；未完成者不能畢業。 11. 必需通過本學院博士班學生英文能力鑑定。

Doctoral Degree of the Institute of Computer Science and Engineering
Academic Year 2016

Minimum Term of Study	Two to seven years for full-time students; two to eight years for part-time students. Dual-degree graduate students of the Institute must enroll in courses and do researches in the Institute for at least 4 semesters in total.
Minimum Credits	1. In addition to the courses of Seminar and Special Topic Seminar, students must complete 18 credits. 2. A graduate from the department's Master degree program continuing to the doctoral degree program shall complete 12 credits, in addition to the courses of Seminar and Special Topic Seminar.
Direct PhD Minimum Credits	In addition to the courses of Seminar and Special Topic Seminar, students must complete 30 credits

Curriculum and Regulations	1. Pass three Seminar and two Special Topic Seminar (both are elective courses), where seminar can only be taken after the second year of the PhD program.
	2. After passing the Comprehensive Examination (CE), students must take Dissertation Study each semester till graduation.
	3. Students must pass at least 1 English professional course given or approved by institutes in the College prior to graduation. (Note: Except seminar courses.)
	4. In addition to the courses of Seminar and Special Topic Seminar, students must complete 18 credits, of which 9 must come from courses offered within the College. For the remaining 9 credits, students may take the courses from other relative institutes which are approved by the Director of the Institute.
	5. A graduate from the department's Master degree program continuing to the doctoral degree program shall complete 36 credits, of which 24 must come from courses offered within the College. For the remaining 12 credits, students may take the courses from other relative institutes which are approved by the Director of the Institute.
	6. For students pursuing doctoral degree without completing the requirements of master's degree, each of them must complete 30 credits, of which 24 must come from courses offered within the College. For the remaining 6 credits, students may take the courses from other relative institutes which are approved by the Director of the Institute.
	7. For direct PhD students, each of them must complete 30 credits, of which 24 must come from courses offered within the College. For the remaining 6 credits, students may take the courses from other relative institutes which are approved by the Director of the Institute. The credit number for exemption has a maximum of 24.
	8. Students who has dropped out from school, if re-enroll within 3 years in the program, may apply for credit exemption with a maximum of 3 credits. The application must be reviewed by the department affairs committee
	9. Dual-degree PhD students of the Institute must complete sufficient credits required by the doctoral program, of which at least one-third should be taken at the University. Credits taken from the sister school may be approved through the credit exemption procedure
	10. A PhD student must submit his undergraduate and graduate transcripts to a designated committee for examination or the score report of the NCTU Entrance Exam to doctoral degree program of the Institute. The committee will check if the student's grades on Formal Languages, Operating Systems, Computer Architecture and Computer Algorithms meet the institute's requirements for undergraduate students or the institute's requirement for the doctoral entrance exam.
	11. The PhD students must pass the English Proficiency Test the Institute