

# 數據科學與工程研究所

113 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須於本所修業二學期
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	<ol style="list-style-type: none"> <li>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電腦視覺、計算機圖學、視訊壓縮、圖形識別、影像處理五科中至少兩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。</li> <li>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。</li> <li>3. 畢業前須修讀通過一學期「論文研討」課程。</li> <li>4. 在學期間須<u>修習且</u>通過一門本院研究所開授或認可之英文授課專業課程。(研討類型之課程<u>與已抵免之課程</u>除外)。</li> <li>5. 除「個別研究」及「論文研討」課程之外，至少須修滿廿四學分，其中至少十五學分須修讀本院所開設之專業課程，另九學分如選擇非本院課程或本院非專業課程，須於選課加退選截止前填寫『碩士生修習非本院專業課程申請書』，經指導教授同意並經所長認可後方得計入畢業學分，逾期者應於補繳後一個月內服義務工讀三小時。</li> <li>6. 碩士生須於提交『碩士論文研究方向申請書』之前參加本院認可之程式檢定考試，並於提出『碩士論文計畫書』之前通過本院認可之程式檢定考試，未曾參加程式檢定考試者不可繳交『碩士論文研究方向申請書』。</li> <li>7. 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。</li> <li>8. 碩士生入學後，第一學期須至本校網路教學平台修習「性別平等教育線上訓練課程」；因故未能完成者，須於畢業前補修完成，始得畢業。</li> <li>9. 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。</li> </ol>

# Master's Degree of the Institute of Data Science and Engineering

Academic Year 2024

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	<ol style="list-style-type: none"><li>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 at least two of the following courses are eligible to count as undergraduate credits: 'Computer Vision', 'Computer Graphics', 'Video Compression', 'Pattern Recognition' and 'Image Processing'. 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 NYCU or the related courses offered by the Institute.</li><li>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.</li><li>3. Students must pass one Seminar course before graduation.</li><li>4. Students <b>must pass</b> at least one graduate-level professional course taught in English offered or approved by the college of Computer Science (hereinafter referred to as the College) during his/her study at NYCU (Note: Except seminar courses <b>and transfer credits</b>.)</li><li>5. In addition to the courses of 'Individual Study' and Seminars, students must complete 24 credits, of which at least 15 must come from professional courses offered within the College. For the remaining credits, at most 9, students can take general courses offered within the College, or courses offered by the other colleges or at other institutions. In this case, students must complete the "Application Form for Master's students to take courses in other colleges / general courses in the college" before the add or drop period deadline of course enrollment, and the application must be approved by his/her thesis advisor and then by the Director of the Institute, for the credits to be counted in the graduation credits. In the case of overdue, students must perform duty as student workers without pay for three hours and no later than one month after the application.</li><li>6. Master students must take the Collegiate Programming Exam recognized by the department before submitting "the Application for Master's Thesis Research Direction", and pass the Collegiate Programming Exam recognized by the department before submitting a "Thesis Proposal". Students who never take the Collegiate Programming Exam can't submit "the Application for Master's Thesis Research Direction".</li><li>7. 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.</li><li>8. Students shall take "Gender Equity Education Online Training Course" during their first semester at NYCU through the University's online learning platform. Those who fail to complete the course for some reason must complete it before graduation in order to graduate.</li><li>9. Students who fail to pass the oral defense or complete all required courses within the maximum period of study must drop out of NYCU.</li></ol>