

國立交通大學科技管理研究所跨域學程實施要點

NCTU Institute of Management of Technology

Implementation Guidelines for Cross-Disciplinary Program

105年3月11日科管所課程委員會通過
105年4月14日管院課程委員會審議通過
105年6月13日第5次教務會議核備

- 一、依據國立交通大學跨域學程實施辦法，國立交通大學科技管理研究所（以下簡稱本所）為鼓勵學生進行跨領域學習，建立跨域學習深度，協助學生拓展第二專長，提供學生可以在畢業學分不增加(或僅少量增加)情況下，修畢跨域學程，特訂定本要點。

Article One These Implementation Guidelines are prescribed by National Chiao Tung University Institute of Management of Technology (hereinafter referred to as Our Institute) based on NCTU Cross-Disciplinary Program Implementation Regulations to provide the opportunity for students to proceed cross-disciplinary learning without increasing graduate credits (or only a few extra credits) in order to encourage students to conduct cross-disciplinary study, build the depth of cross-disciplinary study, and assist students to expand second specialty.

- 二、跨域學程係指由本所提出模組課程，模組課程包含該領域基礎核心知識，且總學分數為30學分，學生修習跨域學程，其課程將包含所屬學系的跨域學程模組課程以及第二專長的跨域學程模組課程，並可於畢業證書上加註第二專長模組課程為跨域專長。

Article Two The cross-disciplinary program here means the cross-disciplinary module curriculum proposed by the departments, institutes or colleges in National Chiao Tung University. Module curriculum should include the core knowledge curriculum of the field and the total credits will be based on 30 credits. The cross-disciplinary program that students take will include the cross-disciplinary program module curriculum of the department they belong to as well as the cross-disciplinary program module curriculum from the second specialty department or college. The module curriculum of the second specialty could be remarked as Cross-Disciplinary Specialty on the diploma.

三、本要點實施對象

1. 凡本校104學年度（含）之後入學之學士班學生均適用本要點。
2. 外系學生欲修習跨域學程且選擇本所做為其跨域專長者
 - (1) 得於大一下學期或大二下學期向其所屬學系（以下簡稱原系）提出申請，通過原系以及本所的雙邊審查後，方可進入跨域學程。
 - (2) 外系學生修讀跨域學程且選擇本所做為其跨域專長者，其課程包含：校必修(含共同必修28學分)，原系基礎必修課程，原系跨域模組課程，以及列示於『科技管理研究所跨域模組課程必修科目表』的模組課程，畢業學分以128學分為原則，並於畢業證書原系名稱後加註科技管理為其跨域專長。

Article Three Implementation objects of these Guidelines

1. For the student of our department who would like to take cross-disciplinary program
2. For students of other departments who would like to study for cross-disciplinary program and choose our **Institute** as their cross-disciplinary specialty
 - (1) They could submit the application to the department that they belong to during the second semester of the first year or the second semester of the second year, they could only take the cross-disciplinary program after approved by both their original department and our **institute**.
 - (2) The courses for the students of other departments who would like to study for cross-disciplinary program and choose our **institute** as their cross-disciplinary specialty include required courses of the university (including 28 credits of general education subjects), core curriculum at their original department, cross-disciplinary module curriculum at their original department, and the module curriculum listed on “The Required Course List for the students study cross-disciplinary module curriculum in Institute of Management of Technology” with at least 128 graduate credits. The “Management of Technology” will be remarked as their cross-disciplinary specialty after the title of their original department on the diploma.

- 四、本所指定一名專任教師擔任跨域學程導師，與外系所或學院的跨域學程導師組成導師群，專

責輔導跨域學程的學生。

Article Four Our institute assigned one full-time teacher to be the mentor of the cross-disciplinary program and formed mentor group with teachers of cross-disciplinary program at other department or college to give guidance to cross-disciplinary program students.

五、為鼓勵不同系所或學院合作提出跨域共授課程，兩位以上教師開授跨領域之創新整合式課程，得依本校教師授課鐘點核計原則第9條第6款規定，教師的授課鐘點數可按到場時數計，但以開課前該門課程實際簽呈為依據。

Article Five In order to encourage different departments or colleges working together for the proposal of cross-disciplinary curriculum, the number of teaching hours for the innovating integrated curriculum offered by more than two teachers could be calculated by the actual time of teaching according to Subparagraph 6, Article 9 of National Chiao Tung University Teaching Hours Accounting Principle; however, it will be in accordance with the official approval of the curriculum before the course starts.

六、本要點如有未盡事宜，悉依本校學則及其他相關規定辦理。

Article Six If there is any unaccomplished matter of these guidelines, it shall be handled in accordance with the school constitution of our university as well as other relevant regulations.

七、本要點經本所課程委員會通過後，經院、校級課程委員會審查通過並提教務會議核備後實施，修訂時亦同。

Article Seven These guidelines were approved by Curricular Committee at Institute, confirmed by Curricular Committee at college and university level and then submitted to the Council of Academic Affairs for approval-for-reference before putting it into practice; the same shall be done upon any amendment thereto.

科技管理研究所跨域模組課程 必修科目表

The Required Course List for the students study cross-disciplinary module curriculum in Institute of Management of Technology

類別 Category	科目名稱 Course Name	學分 Credit	開課系所 Department	備註 Remark
本所跨域模組 (30 學分) 修畢於畢業證書 加註『跨域專 長：科技管理』 Cross-disciplinary modules at our institute(30 credits) It could be remarked as “Cross-Disciplinary Specialty : Management of Technology” on the diploma after the module curriculum is completed.	工業 4.0 及服務導向客製化經營 Industry 4.0 and Service-Oriented Customization	3	科管所 MOT	
	企業管理 Business Management	3	科管所 MOT	
	物聯網前瞻分析 Foresight of IOT industries	3	科管所 MOT	
	科技策略與創新 Technology Strategy and Innovation	3	科管所 MOT	
	創意與新產品開發 Entrepreneurship and New Product Development	3	科管所 MOT	
	智慧財產權管理 Intellectual Property Management	3	科管所 MOT	
	創業與籌資 Entrepreneurship and New Venture Funding	3	科管所 MOT	
	顧客關係管理與服務行銷 Consumer Relationship Management and Service Marketing	3	科管所 MOT	
	科技產業創新政策與管理 Technological Innovation and Strategic Management of Intellectual Property	3	科管所 MOT	
	創意與創新管理 Creativity and Innovation Management	3	科管所 MOT	
總學分 Total Credits (28-32 credits)		30		