

國立臺北科技大學與英國曼徹斯特大學碩士雙聯學位學程

合作協定

協議約定雙方：

英國曼徹斯特大學（皇家特許號：RC000797）

（位於John Owens Building, Oxford Road,
Manchester, M13 9PL, UK）（以下簡稱“曼大”）

國立臺北科技大學

（臺灣台北市忠孝東路三段1號，國立臺北科技大學，以下簡稱“北科大”）

I 介紹

1. 曼徹斯特大學的環境、教育與發展學院（規劃和環境管理系，簡稱SEED）與國立臺北科技大學設計學院鑒於雙方地位，同意建立教學培養合作關係，共同實施曼徹斯特大學的“**規劃理學碩士學位（MSc Planning）**”、“**城市更新和發展理學碩士學位（MSc Urban Regeneration and Development）**”、“**城市設計和國際規劃理學碩士學位（MSc Urban Design & International Planning）**”與國立臺北科技大學的“**建築與都市設計碩士學位**”雙學位培養和授予合作計畫（以下稱“合作計畫”）

2. 本協議只針對本合作計畫。任何其它進一步合作計畫需要重新達成新協定。協議確定了曼大和北科大雙方的權利和義務，其中包含雙方的關係和一下與合作計畫相關事宜。

II 學術合作計畫

3. 學生首先需要達到北科大設計學院建築系建築與都市設計碩士班研究生錄取條件，並被北科大正式錄取為碩士研究生。他們首先在北科大進行一年的全日制學習。如果學生能夠達到曼大的環境、教育與發展學院（SEED）的錄取標準，他們將被允許申請進入曼大規劃和環境管理系就讀。獲得錄取後，學生將接受該院（SEED）規劃和環境管理系為期十二個月的全日制課程教育，學生需要完成所有規劃科學系的課程要求（180個學分）並完成碩士學位畢業論文。

4. 學生在雙方機構完成了三至四年的全日制學習後，如能夠達到兩邊學校所有課程要求，將獲得曼大“**規劃理學碩士學位（MSc Planning）**”、“**城市更新和發展理學碩士學位（MSc Urban Regeneration and Development）**”或“**城市設計和國際規劃理學碩士學位（MSc Urban Design & International Planning）**”和北科大的“**建築系建築與都市設計碩士班**”的碩士學位。雙方學校保留各自授予學位的自主權。

5. 國立臺北科技大學學生如只完成曼大規劃和環境管理系要求的部分課程根據以下條款授予證書。如只能完成四個課程學習（60個學分），學生將獲得曼大的研究生證書（Postgraduate Certificate）。如只能完成八個模組（120學分）的學生將得到曼大授予的研究生文憑（Postgraduate Diploma）。這些學生將同樣需要達到國立臺北科技大學的學分要求（30學分），才可以獲得國立臺北科技大學的研究生學位。

III 學生錄取

6. 參與該項目的學生的平均CGPA至少應達到75%，並且應當獲得北科大設計學院建築系建築與都市設計碩士班推薦。曼大方將依據曼大的研究生錄取標準來做出最終錄取決定。錄取方式需按照曼大的學位申請步驟、錄取標準進行，申請者必須達到學校最低英語水準要求：

- 雅思成績總分至少應達到6.5，其中寫作達到6.5，且沒有任一項低於6分。
- 新託福總成績達到90，其中寫作至少22，其餘各項均不低於20
- Pearson PTE學術英語水準考試總成績達到62，且寫作不低於62，其餘各項均不低於55
- 劍橋高級英語證書達到A 或者劍橋考試準備課程達到C

曼大也會考慮錄取沒達到這些分數標準的申請人，但申請人必須參加大學規定的學前英語課程。

曼徹斯特大學保留申請和錄取情況保留最終決定權。

7. 國立臺北科技大學需要根據錄取時間提前至少三個月向（SEED）提交所有推薦學生在國立臺北科技大學第一年的學習成績單。

IV 費用安排

8. 根據本協定參與曼徹斯特大學碩士研究生學習的學生需要向曼大支付標準國際學生學費。學費費用會根據每年情況會有一定變動。SEED將對參與本協議專案學生提供10%-15%的學費減免（對總數1-4人有10%的減免，對總數5-10人減免15%）

V 智慧財產權

9. 與學術內容相關的智慧財產權由授予課程的大學保留。現有智慧財產權材料的使用需要告知。發表方有申請必要的協力廠商批准的義務。

10. 所有公司和學校間的與專案實施相關的重要協定需要顧及到學校的相關規定，考慮到出於考察目的畢業論文的有效性。

11. 涉及項目智慧財產權時，公司和大學間需制訂協議。這樣的協議將會考慮到學生、大學以及公司本身。同時，協議必需包含對專案工作所帶來的出版機會的聲明。任何保密條款不得與大學的現有規定相衝突。

VI 綜合管理安排

12. 入學曼徹斯特大學之後，申請人將被註冊登記為曼大的全日制學生，並享有曼大給予的相關權利和義務。同樣地，他們仍將保留北科大的學生身份，並也需遵守北科大的校規校紀。

13. 申請人應當自己負責學生簽證申請、旅行安排以及生活費用。

14. 雙方該專案負責人由雙方學院負責人指定，負責錄取以及專案的階段性評估工作，包括考察、調研及進行年度總結等工作。本專案的負責人應及時將課程大綱（或佔用的相關知識）的變化告知另一方。

15. 雙方同意友善地解決分歧和爭端是互惠互利的方式。因此，雙方同意與對方專案負責人或任命的代表通過討論來排除任何異議。如果無法通過這種方式解決爭議，雙方將通過談判協商來決定解決爭議的具體方式。

16. 雙方可以依據協議在出版之前必須使用另一方的名字和標誌。所有相關出版物需要獲

得雙方當事人的同意。

17. 如果另一方出現重大違約，並且在書面告知違約後三十天內違約沒有得到修正，任何一方都可提前終止協議。本段內容不會影響到在合約終止之前被曼徹斯特大學接收入學的學生。

18. 承認新的賄賂法案在英國已經實施，雙方同意任何一方（包括其員工）不得在此協議允許下，在與項目相關的學生錄取上，尋求或者獲得任何財務及其他不當利益。雙方都同意在幫助曼大遵守賄賂法案上通力合作。

19. 本協議代表了與雙碩士學位可能相關的全體當事人。

VII 保密性

20. 除明確同意外（包括在必要時同意向任何協力廠商提供資訊），所有曼大和北科大間被標記為“機密”的通信，特別是涉及商業事務和財務安排，或者是被當事人認為是機密的內容，接收方應當保密，除非得到合法進入公共領域的允許，或在法律、法規、英國國會法案的要求下被披露。

VIII 法律責任

21. 國立臺北科技大學承認曼徹斯特大學受所有英國法律支配，包括（但不限於）：2000年的《自由資訊法》和1998年的《資料保護法》。遵守這些立法，UoM可能需要發佈與本協定以及專案相關的資訊給協力廠商。

22. 雙方認識到，他們可以根據1984年的《資料保護法》以及在1998年修訂的《資料保護法》（該法案）的規定，處理個人資料。雙方應根據該法案的範圍遵守其義務，一旦一方意識到任何潛在的或實際的，因未能遵守法律規定而有損于另一方的要求、行動及進程，應及時通知另一方。

23. 以防雙方中的任何一個出現爭論，關於本協議的建設或者任何隨之自然出現的問題，包括與之存在、驗證及終止相關的問題，雙方應當盡全力及時和充分友好地解決這些爭議或分歧，如不可行，如果雙方同意交由一個仲裁員，此事應參考此仲裁員的意見，如果選擇三個仲裁員，則雙方各指定一名，第三名則由前兩名仲裁員共同指定。仲裁程式應當在英語環境下進行並且依據1952年的《仲裁法》或其任何法定修改或政治活動暫止。仲裁地為新加坡國際仲裁中心。仲裁員或多數仲裁員的決定（看情況而定）是決定性的且對雙方均具有約束力。

IX 實施日期

24. 本協議第一階段自2016年2月1日至2021年1月31日起效（通常為五年條款），在曼徹斯特大學的環境、教育與發展學院院長與國立臺北科技大學的設計學院院長的共同書面協議下可以擴展延長。

25. 本協議可以由任一方終止，但需提前至少十二個月提出書面通知。

26. 任何一方需自己承擔與協議相關所有事宜的費用，任何一方對於其它由本協議引發的費用、索賠、損失及直接或間接的費用（應包括但不限於所有相應的損失，利潤損失和未來的收入損失），都沒有承擔義務。

Memorandum of Agreement

This Agreement is made between:

The University of Manchester (a Royal Charter Corporation RC000797) having a principal office at John Owens Building, Oxford Road, Manchester, M13 9PL, UK (“UoM”)

and

National Taipei University of Technology, National Taipei University of Technology, 1, Sec. 3, Zhongxiao E. Rd., Taipei 10608 Taiwan, R.O.C (“Taipei Tech”)

INTRODUCTION

- 1.UoM through its School of Environment, Education and Development (Planning and Environmental Management Discipline) (“SEED”) and **Taipei Tech** through its **College of Design** (“**CD**”) recognising each other as institutions of good standing, agree to establish an arrangement where the completion of a Master of Science in Planning degree (MSc Planning), Master of Science in Urban Regeneration and Development degree (MSc Urban Regeneration and Development), and Master of Science in Urban Design & International Planning (MSc Urban Design & International Planning) from UoM will be counted towards the credits of students who are undertaking an **Master of Architecture and Urban Design** from **Taipei Tech** (hereinafter referred to as “the Agreement”).
- 2.This agreement is specifically limited to the three specified Programmes. Any further programmes will be subject to a further agreement. The agreement confirms the rights and obligations of both the UoM and **Taipei Tech** and covers both the relationship of the UoM and **Taipei Tech** and aspects of the relationship relating to the Programme in the following areas.

ACADEMIC PROGRAMME

- 3.Students will first be admitted to the Masters programme at **Taipei Tech**, in accordance with the **College of Design** standard admissions criteria. They will undertake one year of full-time study at **Taipei Tech**. If the student then meets SEED admissions criteria they will be admitted to the MSc Planning, MSc Urban Regeneration and Development, or MSc Urban Design & International Planning programmes at UoM. Students will then follow the standard SEED MSc programme of 12 months full-time study. Students will be required to fulfil all the requirements of the MSc (Planning / Urban Regeneration and Development / Urban Design & International Planning) programmes (180 credits) including completion of a dissertation.
- 4.Students who successfully complete the requirements of the programmes at each institution following a full-time study period of at least two years, will receive a MSc (Planning / Urban Regeneration and Development / Urban Design & International

Planning) degree from UoM and a **Master of Architecture and Urban Design** from **Taipei Tech**. Each institution remains free to grant its own awards.

5. Students from **Taipei Tech** who do not complete one of the full UoM MSc programmes, but successfully complete 4 modules (60 credits) will receive a Postgraduate Certificate from UoM and students who successfully complete 8 modules (120 credits) will be awarded a Postgraduate Diploma from UoM. These students need to complete the required credits in **Taipei Tech** to receive a Masters degree from **Taipei Tech**.

RECRUITMENT OF STUDENTS

6. Students participating in the Agreement will have an average CGPA of at least 75% and be nominated by **Taipei Tech**. Decisions on admission will be made by UoM based upon UoM admission criteria. The standard UoM admission procedure applies including the UoM's minimum English language requirements. The Student must have one of the following English language qualifications:
- a) IELTS 6.5 overall, 6.5 in writing, no sub-section below 6.0
 - b) TOEFL iBT overall score of 90 with a minimum score of 22 in writing and 20 in the other subsections
 - c) Pearson PTE overall score of 62 with a minimum score of 62 in writing and 55 in the other subsections
 - d) Cambridge CAE grade A or Cambridge CPE grade C

UoM will consider applicants who do not meet these scores, but the applicant may be required to attend a pre-sessional English language course at the UoM.

The UoM reserves the right to make final decisions concerning admissions and recruitment.

7. **Taipei Tech** will provide SEED with the candidate's academic records from the first year at **Taipei Tech** at least three months prior to admission to UoM.

FINANCIAL ARRANGEMENTS

8. Students admitted to the UoM MSc programmes under this agreement shall be liable to pay the standard international tuition fee to UoM as per the UoM's registration arrangements. The scale of these fees will be subject to annual review. SEED will offer an amount equal to 10%-15% discount (10% for 1-4 students and 15% for 5-10 students).

INTELLECTUAL PROPERTY RIGHTS

9. The establishment of IPR relating to academic content would remain with the Universities responsible for delivery of that module. Where existing copyright material is used, this must be acknowledged. Delivering institutions shall be responsible for obtaining the necessary third party authorisation.

10. All agreements between companies and universities in matters relating to project work must take account of the universities' regulations concerning the availability of a final thesis for examination purposes.
11. Agreements must be drawn up between companies and the Universities in respect of IPR arising from a project. Such agreements would take into account the student, the university and the company itself. Also within the agreement a statement must be made about opportunities for publication arising from the work in the project. Any secrecy clause must not conflict with the regulations of the supervising University.

REGULATORY ARRANGEMENTS AND GENERAL

12. Upon admission to UoM, the candidate will be registered as a full time student of UoM with all relevant rights and responsibilities granted by UoM. They however may also retain their studentship at Taipei Tech in accordance with relevant rules and regulations of Taipei Tech.
13. The candidates shall be responsible for making their own Student Visa applications and travel arrangements, and for the living expenses.
14. A programme coordinator will be nominated by the Head of School at each institution to take responsibilities of administration and periodical evaluation of the programme that may include visits, questionnaires and annual reviews etc. The programme coordinator shall also inform the other institution of any changes in course syllabus [or relevant information where and when appropriate].
15. Both institutions agree that it is in their mutual benefit to resolve differences and disputes amicably. Accordingly, each agrees to liaise with the other's programme coordinator or nominated representatives to discuss and work toward the resolution of any disagreements. If the dispute cannot be resolved in this manner, should the necessity arise, both parties shall negotiate and determine the best course of action in resolving the dispute.
16. Both institutions can use the other's names and logos on publicity materials subject to agreement in advance of publication. All publicity relating to the arrangements under this Agreement must be agreed by both parties.
17. Either party may terminate this Agreement early if the other shall be in material breach of commitments and following written notice of such breach has not remedied the breach within a period of 30 days. Nothing in this paragraph shall affect any student who is admitted by UoM prior to the termination.
18. In recognition of the new Bribery Act that have been implemented within the UK, both parties agree that neither party (including its staff) shall seek or obtain any financial or other advantage relating to student admission on to the Programme where

permitted under this Agreement. Both parties will co-operate with steps required by UoM to comply with the Bribery Act.

19. This Agreement represents the entire understanding of the parties relating to the possibility of dual Masters degrees.

CONFIDENTIALTY

20. Except as expressly agreed (including where necessary the agreed provision of information to any third party), all communications between the UoM and Taipei Tech which are marked "In Confidence" and in particular concern business transactions and financial arrangements of UoM and Taipei Tech or are otherwise understood by the parties to be made in confidence shall be kept confidential by the receiving party unless and until they come legitimately into the public domain or are required to be disclosed by law, regulation, order of the English Courts or Act of Parliament.

LEGAL JURISDICTION

21. Taipei Tech acknowledges that the UoM is subject to all applicable UK legislation including, but not exclusively, the Freedom of Information Act 2000 and the Data Protection Act 1998. In compliance with this legislation the UoM may be required to release information related to this agreement and the programme(s) related to this agreement to a third party.

22. The parties recognise that they may handle personal data as defined under the provisions of the Data Protection Act 1984 as amended by the Data Protection Act 1998 (the Act). Both parties shall comply with their obligations under the scope of the Act and shall at all times notify the other party as soon as it becomes aware of any potential or actual claim, action or proceeding which is brought against the other party as a result of the one party's failure to comply with any of the statutory provisions.

23. In case any dispute shall arise amongst any of the Parties hereto as to the construction of this Agreement or as to any matter of thing of whatsoever nature arising there under or in connection therewith, including any question regarding its existence, validation or termination, both party shall use their best effort to promptly and adequately resolve such dispute or difference amicably, failing which, the matter shall be referred to a single arbitrator if the parties agree upon one and otherwise to three arbitrators, one to be appointed by each party and the third to be appointed by the two appointed arbitrators. Such arbitration proceedings shall be conducted in English Language and in accordance with the Arbitration Act 1952 or any statutory modifications or re-enactment thereof for the time being in force. The place of arbitration shall be the Singapore International Arbitration Centre. The Decision of the arbitrator or the majority of arbitrators (as the case maybe) shall be final and binding on the parties hereto.

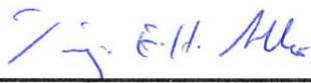
IMPLEMENTATION DATE

- 24. This Agreement will run from 1st February 2016 to 31st January 2021 (5 year terms normally) in the first instance and may be extended with the written agreement of the Head of the School of Environment, Education and Development at the UoM and the Dean of College of Design of Taipei Tech.

- 25. This Agreement may be terminated by either institution provided that at least 12 months written notice is given.

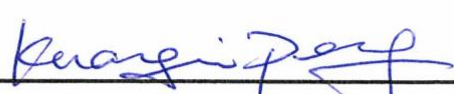
- 26. Each party shall bear their own costs in relation to all matters arising out of the Agreement and neither party shall be liable to the other for any costs, claims, damages or expenses of a direct or indirect nature (which shall include but not be limited to all consequential losses, loss of profit and loss of future revenue) which they may incur as a result of this Agreement.

Professor Tim Allott
Head of School
School of Environment, Education and
Development
University of Manchester, UK



Date 11.1.16

Professor Kuang-Hui Peng
Dean
College of Design
National Taipei University of Technology
Taiwan, R.O.C




Date 20/12/2016

Professor Keith Brown
Vice President and Dean of Faculty of
Humanities
The University of Manchester
UK



Date

Professor Leehter Yao
President
National Taipei University of Technology,
Taiwan, R.O.C



Date Dec. 28, 2016

106 學年度入學 二技 二技學士班 【工設系香港生】 課程科目表

| 學年 | 學期 | 類別 | 課程編碼 | 課程名稱 | 學分 | 時數 | 階段別/ 總階段數 | 群組 編號 | 備註 |
|----|----|----|-------------------------|-------------|-----|----|--------------|----------|----|
| 1 | 1 | △ | 1003001 | 體育 | 0.0 | 2 | 1 / 2 | | |
| 1 | 1 | △ | 1419991 | 博雅選修課程 | 2.0 | 2 | 1 | | |
| 1 | 1 | ▲ | 3813003 | 產品開發 | 4.0 | 8 | 1 / 2 | | |
| 1 | 1 | ★ | 3803058 | 設計工學 | 2.0 | 2 | 1 / 2 | | |
| 1 | 1 | ★ | 3803089 | 設計競賽實務 | 2.0 | 6 | 1 | | |
| 1 | 1 | ★ | 3804002 | 行銷學 | 2.0 | 2 | 1 | | |
| 1 | 1 | ★ | 3812002 | 製造程序 | 2.0 | 2 | 1 | | |
| 1 | 1 | ★ | 3813002 | 人因工程(P) | 2.0 | 2 | 1 | | |
| 1 | 1 | ★ | 3832008 | 設計表現技法(一) | 1.0 | 3 | 1 | | |
| 1 | 1 | ★ | 3832012 | 電腦輔助產品設計(一) | 2.0 | 3 | 1 | | |
| 1 | 1 | ★ | 3833003 | 設計方法 | 2.0 | 2 | 1 | | |
| 1 | 1 | ★ | 3833024 | 電腦輔助造形設計(一) | 2.0 | 3 | 1 | | |
| 1 | 1 | ★ | 3833025 | 數位表現技法(一) | 2.0 | 3 | 1 | | |
| 1 | 2 | △ | 1003001 | 體育 | 0.0 | 2 | 2 / 2 | | |
| 1 | 2 | △ | 1419992 | 博雅選修課程 | 2.0 | 2 | 1 | | |
| 1 | 2 | ▲ | 3813003 | 產品開發 | 4.0 | 8 | 2 / 2 | | |
| 1 | 2 | ★ | 3801010 | 工程材料與實習 | 2.0 | 3 | 1 | | |
| 1 | 2 | ★ | 3803058 | 設計工學 | 2.0 | 2 | 2 / 2 | | |
| 1 | 2 | ★ | 3813004 | 人因設計(P) | 2.0 | 2 | 1 | | |
| 1 | 2 | ★ | 3832009 | 設計表現技法(二) | 1.0 | 3 | 1 | | |
| 1 | 2 | ★ | 3832013 | 電腦輔助產品設計(二) | 2.0 | 3 | 1 | | |
| 1 | 2 | ★ | 3833026 | 電腦輔助造形設計(二) | 2.0 | 3 | 1 | | |
| 1 | 2 | ★ | 3833027 | 數位表現技法(二) | 2.0 | 3 | 1 | | |
| 2 | 1 | △ | 1419993 | 博雅選修課程 | 2.0 | 2 | 1 | | |
| 2 | 1 | ▲ | 3813001 | 專題設計(P) | 4.0 | 8 | 1 / 2 | | |
| 2 | 1 | ★ | 3803018 | 珠寶設計與實習(一) | 2.0 | 3 | 1 | | |
| 2 | 1 | ★ | 3804006 | 設計管理 | 2.0 | 2 | 1 | | |
| 2 | 1 | ★ | 3842009 | 速寫(一) | 2.0 | 2 | 1 | | |
| 2 | 2 | ▲ | 3813001 | 專題設計(P) | 4.0 | 8 | 2 / 2 | | |
| 2 | 2 | ★ | 3802026 | 設計趨勢 | 2.0 | 2 | 1 | | |
| 2 | 2 | ★ | 3803019 | 珠寶設計與實習(二) | 2.0 | 3 | 1 | | |
| 2 | 2 | ★ | 3803093 | 設計心理學 | 2.0 | 2 | 1 | | |
| 2 | 2 | ★ | 3813005 | 商品計畫 | 2.0 | 2 | 1 | | |
| 2 | 2 | ★ | 3834044 | 設計表現技法(三) | 2.0 | 3 | 1 | | |
| 2 | 2 | ★ | 3842010 | 速寫(二) | 2.0 | 2 | 1 | | |

相關規定事項：

1. 最低畢業學分：72 學分。
2. 校訂共同必修科目 6 學分，專業必修 16 學分，專業選修 50 學分。
3. 跨系專業選修，於畢業學分中最多只承認 9 學分。
4. 表列選修課程得依實際情況調整開課時序。
5. 若已修習課程科目表中專業必修課程，則以申請免修方式彈性處理，同意免修學分則以專業選修學分補足。
6. 本課程科目表為 106 學年度入學新生適用。

建築系建築與都市設計碩士班與英國曼徹斯特大學合作辦理碩士雙聯學位學程 學分轉換準則

(一) 北科大畢業規定

- 1.最低畢業學分：30 學分。
- 2.必修(含論文 6 學分)：甲組 17 學分、乙組 15 學分、丙組 15 學分；
選修：甲組 13 學分、乙組 15 學分、丙組 15 學分。
- 3.選修本校其他研究所課程須經所長核可，至多選修二門。

(二) 有關英國曼徹斯特大學與北科大修課規定：

| 學校 | 課程修業(承認)方式 | 論文 |
|------------------|--|-----------------|
| 英國曼徹斯特大學規劃和環境管理系 | 於北科大建都所 第一學年 修習專業課程學分，原則予以承認。 (最終學分轉換認定採計，由相關會議審核議定) | 依英國曼徹斯特大學修業規定辦理 |
| 北科大建築系 | 於英國曼徹斯特大學規劃和環境管理系 第一學年 修習專業課程學分，原則予以承認。 (最終學分轉換認定採計，由相關會議審核議定) | 依北科大修業規定辦理 |

(三) 學分轉換準則：

- 1.本校學分之計算，乃學期授課滿 18 小時採計 1 學分。
- 2.原則上，北科大 1 學分= 曼大 4 學分。
(以上學分轉換比率為一般性通則，最終之學分轉換認定採計，由相關會議審核議定)

※參考依據：

依據曼徹斯特大學學分抵免辦法，20 曼大學分 = 5 美國學分。本系參酌國內他校與外國學制學分轉換準，規範學分與美制、日制、陸制之學分可等同換算，因此以 1 學分= CATS 4 學分轉換。

曼大學分抵免辦法：

<http://www.manchester.ac.uk/study/international/study-abroad-programmes/study-abroad/course-units/credit-equivalence/>

(四) 課程對應範圍

| | |
|---|---|
| 北科大建築系 | 英國曼大規劃和環境管理系 |
| <p>建築與都市設計碩士學位 (以年度課程標準為原則,詳見本校建都所課程標準。)</p> <p>研究方法學 建築設計(一) 建築設計(二) 專題設計與實習(一) 專題設計與實習(二) 都市設計與實習(一) 都市設計與實習(二) BIM 建築資訊系統應用 文化遺產防災學 木構造建築解析 古蹟保存專題 台灣傳統建築特論 永續建築研究概論 永續建築創意研究 永續設計綠建築 生態規劃理論與實務 地理資訊系統專題 住宅建設開發實務 社區營造理論與實務 建築安全與防災 建築專題討論(一) 建築專題討論(二) 建築結構系統特論 風土建築 健康建築環境學(一) 健康建築環境學(二) 都市、設計與再生 都市更新 都市計畫理論與實務 智慧建築專題 殖民城市規劃與建築 環境心理學專題</p> | <p>規劃理學碩士學位</p> <p>Semester1 (必)城市理論, 規劃理論和職業道德 Urban Theory, Planning Theory and Professional Ethics (必)土地發展 Land and Development (必)空間規劃應用分析 Applied Spatial Analysis for Planning 物業估價 Property Valuation 地方經濟發展 Local Economic Development 都市設計計畫 Urban Design Project 環境變遷規劃 Planning for Environmental Change 南方城市發展規劃: 國際視野 Urban Development Planning in Cities of the South: an international perspective</p> <p>Semester2 (必)基礎設施規劃 Infrastructure Planning (必)規劃權力和程序 Planning Powers and Procedures (必)社區規劃 Neighbourhood Planning 專業職業介紹 Professional Placement 國際都市設計 International Urban Design 都市再生(專業) Urban Regeneration (Specialism) 國際實地考察 International Fieldtrip 國際規劃:系統與架構 International Planning: Systems and Frameworks 優良實踐案例研究南方都市發展規劃 Best practice case studies in urban development planning in cities in the South</p> |
| | <p>城市更新與發展理學碩士學位</p> <p>Semester1 (必)土地發展 Land and Development (必)地方經濟發展 Local Economic Development (必)空間規劃應用分析 Applied Spatial Analysis for Planning 城市理論, 規劃理論和職業道德 Urban Theory, Planning Theory and Professional Ethics 物業估價 Property Valuation 房地產法規實際練習 Real Estate Law in Practice 南方城市發展規劃: 國際視野 Urban Development Planning in Cities of the South: an international perspective</p> <p>Semester2 (必)都市再生(專業) Urban Regeneration (Specialism) 氣候變遷與防災應對 Climate Change, Disasters and Responses 規劃權力和程序 Planning Powers and Procedures 專業職業介紹 Professional Placement 國際都市設計 International Urban Design 社區規劃 Neighbourhood Planning 國際實地考察 International Fieldtrip 國際規劃:系統與架構 International Planning: Systems and Frameworks 基礎設施規劃 Infrastructure Planning 優良實踐案例研究南方都市發展規劃 Best practice case studies in urban development planning in cities in the South</p> |

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|---|--|
| 北科大建築系 | 英國曼大規劃和環境管理系 |
| | 綠色建設及永續城市 Green Infrastructure and Sustainable Cities |
| | <p>都市設計與國際規劃理學碩士學位</p> <p>Semester1</p> <p>(必)都市設計計畫 Urban Design Project</p> <p>(必)國際規劃:系統與架構 International Planning: Systems and Frameworks</p> <p>(必)城市設計工作坊 Urban Design Studio</p> <p>地方經濟發展 Local Economic Development</p> <p>環境變遷規劃 Planning for Environmental Change</p> <p>南方城市城市發展規劃：國際視野 Urban Development Planning in Cities of the South: an international perspective</p> <p>Semester2</p> <p>(必)國際都市設計 International Urban Design</p> <p>都市再生(專業) Urban Regeneration (Specialism)</p> <p>社區規劃 Neighbourhood Planning</p> <p>國際實地考察 International Fieldtrip</p> <p>基礎設施規劃 Infrastructure Planning</p> <p>城市設計 (Studio 2) Urban Design (Studio 2)</p> <p>優良實踐案例研究南方都市發展規劃 Best practice case studies in urban development planning in cities in the South</p> <p>綠色建設及永續城市 Green Infrastructure and Sustainable Cities</p> |
| <p>上列選修課程以實際開課情況為準，兩校得視情況調整課程。</p> <p>碩士論文各依兩校規定辦理。</p> | |
| <p>最終之學分轉換認定採計，各依兩校規定審核後議定。</p> | |