

**國立臺灣科技大學管理學院科技管理研究所修業規定**  
**National Taiwan University of Science and Technology**  
**Graduate Institute of Technology Management, College of Management**  
**Regulations for Study**

96 年 8 月 30 日 96 學年度第 1 次所務會議通過

August 30, 2007 – Approved at the 1st Institute Affairs Meeting of the 2007 Academic Year

97 年 1 月 9 日 96 學年度第 4 次所務會議修正通過

January 9, 2008 – Amended and approved at the 4th Institute Affairs Meeting of the 2007 Academic Year

97 年 5 月 14 日 96 學年度第 6 次所務會議修正通過

May 14, 2008 – Amended and approved at the 6th Institute Affairs Meeting of the 2007 Academic Year

97 年 9 月 10 日 97 學年度第 2 次所務會議修正通過

September 10, 2008 – Amended and approved at the 2nd Institute Affairs Meeting of the 2008 Academic Year

97 年 11 月 18 日 97 學年度第 4 次所務會議修正通過

November 18, 2008 – Amended and approved at the 4th Institute Affairs Meeting of the 2008 Academic Year

98 年 6 月 8 日 97 學年度第 6 次所務會議修正通過

June 8, 2009 – Amended and approved at the 6th Institute Affairs Meeting of the 2008 Academic Year

98 年 9 月 15 日 98 學年度第 1 次所務會議修正通過

September 15, 2009 – Amended and approved at the 1st Institute Affairs Meeting of the 2009 Academic Year

98 年 11 月 24 日 98 學年度第 2 次所務會議修正通過

November 24, 2009 – Amended and approved at the 2nd Institute Affairs Meeting of the 2009 Academic Year

99 年 4 月 20 日 98 學年度第 3 次所務會議修正通過

April 20, 2010 – Amended and approved at the 3rd Institute Affairs Meeting of the 2009 Academic Year

99 年 5 月 24 日 98 學年度第 1 次課委會會議修正通過

May 24, 2010 – Amended and approved at the 1st Curriculum Committee Meeting of the 2009 Academic Year

99 年 5 月 31 日 98 學年度第 4 次所務會議修正通過

May 31, 2010 – Amended and approved at the 4th Institute Affairs Meeting of the 2009 Academic Year

99 年 9 月 13 日 99 學年度第 1 次所務會議修正通過

September 13, 2010 – Amended and approved at the 1st Institute Affairs Meeting of the 2010 Academic Year

100 年 3 月 29 日 99 學年度第 8 次課委會會議修正通過

March 29, 2011 – Amended and approved at the 8th Curriculum Committee Meeting of the 2010 Academic Year

100 年 11 月 19 日 100 學年度第 2 次課委會會議修正通過

November 19, 2011 – Amended and approved at the 2nd Curriculum Committee Meeting of the 2011 Academic Year

101 年 11 月 29 日 101 學年度第 2 次課委會會議修正通過

November 29, 2012 – Amended and approved at the 2nd Curriculum Committee Meeting of the 2012 Academic Year

102 年 8 月 12 日 102 學年度第 1 次所務會議修正通過

August 12, 2013 – Amended and approved at the 1st Institute Affairs Meeting of the 2013 Academic Year

102 年 11 月 1 日 102 學年度第 3 次課委會會議修正通過

November 1, 2013 – Amended and approved at the 3rd Curriculum Committee Meeting of the 2013 Academic Year

102 年 12 月 18 日 102 學年度第 4 次課委會會議修正通過

December 18, 2013 – Amended and approved at the 4th Curriculum Committee Meeting of the 2013 Academic Year

103 年 2 月 27 日 102 學年度第 6 次課委會會議修正通過

February 27, 2014 – Amended and approved at the 6th Curriculum Committee Meeting of the 2013 Academic Year

103 年 5 月 8 日 102 學年度第 7 次課委會會議修正通過

May 8, 2014 – Amended and approved at the 7th Curriculum Committee Meeting of the 2013 Academic Year

103 年 10 月 9 日 102 學年度第 3 次課委會會議修正通過

October 9, 2014 – Amended and approved at the 3rd Curriculum Committee Meeting of the 2013 Academic Year

104 年 4 月 22 日 103 學年度第 9 次課委會會議修正通過

April 22, 2015 – Amended and approved at the 9th Curriculum Committee Meeting of the 2014 Academic Year

104 年 8 月 25 日 104 學年度第 1 次課委會會議修正通過

August 25, 2015 – Amended and approved at the 1st Curriculum Committee Meeting of the 2015 Academic Year

104 年 12 月 7 日 104 學年度第 4 次課委會會議修正通過

December 7, 2015 – Amended and approved at the 4th Curriculum Committee Meeting of the 2015 Academic Year

105 年 6 月 22 日 104 學年度第 5 次所務會議修正通過

June 22, 2016 – Amended and approved at the 5th Institute Affairs Meeting of the 2015 Academic Year

105 年 9 月 24 日 105 學年度第 1 次所務會議修正通過

September 24, 2016 – Amended and approved at the 1st Institute Affairs Meeting of the 2016 Academic Year

105 年 10 月 21 日 105 學年度第 2 次所務會議修正通過

October 21, 2016 – Amended and approved at the 2nd Institute Affairs Meeting of the 2016 Academic Year

105 年 11 月 18 日 105 學年度第 3 次課委會會議修正通過

November 18, 2016 – Amended and approved at the 3rd Curriculum Committee Meeting of the 2016 Academic Year

106 年 2 月 15 日 105 學年度第 5 次所務會議修正通過

February 15, 2017 – Amended and approved at the 5th Institute Affairs Meeting of the 2016 Academic Year

107 年 1 月 10 日 106 學年度第 2 次所務會議修正通過

January 10, 2018 – Amended and approved at the 2nd Institute Affairs Meeting of the 2017 Academic Year

107 年 3 月 22 日 106 學年度第 3 次所務會議修正通過

March 22, 2018 – Amended and approved at the 3rd Institute Affairs Meeting of the 2017 Academic Year

107 年 4 月 13 日 106 學年度第 5 次課委會會議修正通過

April 13, 2018 – Amended and approved at the 5th Curriculum Committee Meeting of the 2017 Academic Year

107 年 12 月 14 日 107 學年度第 2 次所務會議修正通過

December 14, 2018 – Amended and approved at the 2nd Institute Affairs Meeting of the 2018 Academic Year

108 年 11 月 19 日 108 學年度第 2 次所務會議修正通過

November 19, 2019 – Amended and approved at the 2nd Institute Affairs Meeting of the 2019 Academic Year

109 年 4 月 20 日 108 學年度第 5 次所務會議修正通過  
April 20, 2020 – Amended and approved at the 5th Institute Affairs Meeting of the 2019 Academic Year  
109 年 9 月 10 日 109 學年度第 1 次所務會議修正通過  
September 10, 2020 – Amended and approved at the 1st Institute Affairs Meeting of the 2020 Academic Year  
109 年 11 月 17 日 109 學年度第 2 次所務會議修正通過  
November 17, 2020 – Amended and approved at the 2nd Institute Affairs Meeting of the 2020 Academic Year  
110 年 11 月 12 日 110 學年度第 3 次所務會議修正通過  
November 12, 2021 – Amended and approved at the 3rd Institute Affairs Meeting of the 2021 Academic Year  
111 年 3 月 8 日 110 學年度第 5 次所務會議修正通過  
March 8, 2022 – Amended and approved at the 5th Institute Affairs Meeting of the 2021 Academic Year  
111 年 10 月 24 日 111 學年度第 2 次所務會議修正通過  
October 24, 2022 – Amended and approved at the 2nd Institute Affairs Meeting of the 2022 Academic Year  
113 年 5 月 6 日 112 學年度第 8 次所務會議修正通過  
May 6, 2024 – Amended and approved at the 8th Institute Affairs Meeting of the 2023 Academic Year  
114 年 1 月 13 日 113 學年度第 4 次所務會議修正通過  
January 13, 2025 – Amended and approved at the 4th Institute Affairs Meeting of the 2024 Academic Year  
114 年 8 月 13 日 114 學年度第 1 次所務會議修正通過  
August 13, 2025 – Amended and approved at the 1st Institute Affairs Meeting of the 2025 Academic Year  
114 年 11 月 13 日 114 學年度第 4 次所務會議修正通過  
November 13, 2025 – Amended and approved at the 3rd Institute Affairs Meeting of the 2025 Academic Year

一、碩士班學生修業期限以一至四年為限。

I. The study period for master's program students shall be limited to a minimum of one year and a maximum of four years.

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二、碩士班學生畢業至少須修滿 42 學分（不含畢業論文）。修課內容應包含：

（一）英文課程：碩士班學生（除英文學程入學之外國學生以外）畢業前均須修習 4 學分英文課程（認可之英文課程如附件二），但不計入第四條之畢業學分。若於入學前後通過相當於全民英檢中級之語文測驗者（對應之語文測驗成績如附件三），可向本所申請免修。語文測驗自入學年起往前 2 年內或入學後取得證明方可納入計算。

（二）「學術研究倫理」課程：自 105 學年度起入學碩士班學生，應於入學第一學年結束前，修習本校「學術研究倫理課程實施辦法」規定之學術研究倫理課程。修習通過後，始得申請學位考試。

（三）專業課程：

1. 本所專業課程涵蓋科技創新與創業管理、科技法律、資料科學與科技應用三大領域。

2. 課程架構區分為必修課程與選修課程。選修課程再細分為核心選修課程、拓展選修課程與其他選修課程。

(1) 必修課程：應修 0 學分。

(2) 核心選修課程：應選修 12 學分。

(3)拓展選修課程：應選修 18 學分。

(4)其他選修課程：應選修 12 學分，得選修(a)本所課程、(b)本校管理學院課程，或(c)國立臺灣大學聯盟開設與本所專業課程三大領域密切相關且經本所課程委員會同意之課程。

(5) 在上述所有課程中，學生須修滿至少 15 學分由本所開設之英語授課課程，且其中應涵蓋科技創新與創業管理、資料科學與科技應用兩大領域中每位授課教師所開設之課程各至少一門，以完備各重要且不同的前瞻課題之研究與跨域整合能力。

(6) 完整課程名稱與學分配置，請參見附件一「課程地圖」。

3. 專業課程之學分抵免，依「國立臺灣科技大學學生抵免學分辦法」辦理。

(四) **管理課程**：碩士班學生畢業前應修習「一般管理、生產管理、行銷管理、人資管理、資訊管理、財務管理」六類管理中 2 類、合計 6 學分（含）以上相關課程（認可之管理課程如附件四），但不計入畢業學分。如已於入學前取得其中部分或全部學分者，應於入學後當學期註冊截止日起 7 日內，檢具原校（系、所）成績單或原始成績證明，向本所課程委員會申請免修或抵免。逾期者應以書面敘明理由，經本所課程委員會同意後申請免修或抵免。

**II. Master's program students must complete at least 42 credits for graduation, excluding the master's thesis. The course requirements shall include:**

1. **English Courses:** Master's program students (excluding international students of the English-taught Program) shall, prior to graduation, complete 4 credits of English courses (recognized courses are listed in Appendix II), which shall not be counted toward the graduation credits specified in Article IV. A student who, before or after enrollment, has passed a language proficiency test equivalent to the General English Proficiency Test (GEPT) Intermediate speaking and writing tests (recognized tests and corresponding scores are listed in Appendix III) may apply to the Institute for exemption from this requirement. Only test results obtained within two years prior to the year of enrollment or after enrollment shall be accepted.
2. **Academic Research Ethics Course:** Effective from the 2016 academic year, master's program students shall complete the Academic Research Ethics Course, as prescribed in the "National Taiwan University of Science and Technology Regulation of Academic Research Ethics Course," prior to the conclusion of their first academic year of enrollment. Eligibility to apply for the degree examination shall be granted only upon successful completion of said course.
3. **Professional Courses:**

(1) The Institute's professional courses cover three major areas: Management of Technology Innovation and Entrepreneurship, Technology Law, and Data Science and Technology Applications.

(2) The curriculum structure is divided into Required Courses and Elective Courses. Elective Courses are further categorized into Core Elective Courses, Extended Elective Courses, and Other Elective Courses.

- i. Required Courses: 0 credits must be completed.
- ii. Core Elective Courses: 12 credits must be completed.
- iii. Extended Elective Courses: 18 credits must be completed.
- iv. Other Elective Courses: 12 credits must be completed. Students may choose to take: (a) courses offered by the Institute; (b) courses offered by the College of Management of the University; or (c) courses offered by the National Taiwan University System that are closely related to the three major areas of the Institute's professional curriculum and approved by the Institute's Curriculum Committee.
- v. In the aforementioned courses, students shall complete at least 15 credits of English-taught courses offered by the Institute, including at least one course offered by each instructor in the two areas of Technology Innovation and Entrepreneurship Management, and Data Science and Technology Applications, so as to ensure comprehensive engagement with important and distinct forward-looking topics, and to cultivate research and interdisciplinary integration capabilities.
- vi. The complete course titles and credit allocations shall be as set forth in Appendix I, "Curriculum Map."

(3) Credit transfer for Professional Courses shall be conducted in accordance with the "National Taiwan University of Science and Technology Credit Transfer Regulation."

4. **Management Courses:** Before graduation, master's program students must complete at least 6 credits from courses in at least two of the following six categories: General Management, Production Management, Marketing Management, Human Resource Management, Information Management, and Financial Management (recognized courses are listed in Appendix IV). These credits are not counted toward graduation credits. Students who have completed some or all of these credits prior to enrollment must submit an official transcript or original grade certificate from the previous institution to the Institute's Curriculum Committee within 7 days after the registration

deadline of the first semester after enrollment to apply for exemption from the course requirement or credit transfer. Applications submitted after the deadline must include a written explanation, and approval from the Curriculum Committee is required for exemption or transfer.

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### 三、指導教授相關規定

#### III. Regulations Regarding Thesis Advisors

(一) 碩士班學生應於入學後第 1 學期之學期結束日前確認指導教授，並繳交「論文指導教授同意書」至所辦公室。學生論文之指導教授以本所專任、專案教師為限。

(1) Master's program students shall confirm their thesis advisor before the end of their first semester and submit the "Thesis Advisor Consent Form" to the institute office. The thesis advisor must be a full-time or project-based faculty member of the institute.

(二) 研究生經指導教授同意，得選定符合本校碩博士學位考試委員聘任資格之學者或專家，擔任共同指導教授。其程序與資格，依據「國立臺灣科技大學論文指導教授與研究生互動準則」之規定辦理。

(2) With the consent of the thesis advisor, graduate students may appoint a co-advisor who meets the university's qualifications for serving as a member of master's or doctoral degree examination committees. The procedures and qualifications shall follow the "Taiwan Tech Guidelines for the Interaction between Thesis Advisors and Graduate Students."

(三) 研究生欲變更指導教授、指導教授因故無法再繼續指導、或指導教授因故主動提出終止指導關係，依據「國立臺灣科技大學論文指導教授與研究生互動準則」之規定辦理。研究生未依該準則規定而逕自更換指導教授時，其學位考試不予承認。

(3) If a graduate student intends to change the thesis advisor, or if the thesis advisor is, for any reason, unable to continue providing guidance, or voluntarily initiates the termination of the advising relationship, the matter shall be handled in accordance with the "Taiwan Tech Guidelines for the Interaction between Thesis Advisors and Graduate Students." Where a graduate student changes the thesis advisor without complying with the provisions of the aforesaid Guidelines, the student's degree examination shall not be recognized.

(四) 指導教授與研究生之互動關係，本條未規定者，適用「國立臺灣科技大學論文指導教授與研究生互動準則」之規定。

(4) Any matters concerning the interaction between thesis advisors and graduate

students that are not specified in this Article shall be governed by the “Taiwan Tech Guidelines for the Interaction between Thesis Advisors and Graduate Students.”

#### 四、畢業論文相關規定

#### IV. Regulations Related to Master's Thesis

(一) 碩士班學生於學位論文撰寫初期，須與指導教授確認論文主題及內容與本所專業領域相符。

(1) Master's program students, at the early stage of thesis writing, must confirm with their advisor that the thesis topic and content align with the Institute's professional field.

(二) 碩士班學生修業期滿，符合本修業規定及本所之畢業條件，通過「國立臺灣科技大學學術研究倫理課程實施辦法」規定之學術研究倫理課程，並完成論文初稿者，得申請碩士學位考試。學位考試依據「國立臺灣科技大學研究生學位考試規則」之規定辦理。

(2) Upon completion of the study period and fulfillment of this Regulation and the graduation requirements of the Institute, master's program students who have passed the Academic Research Ethics course in accordance with the “National Taiwan University of Science and Technology Regulation of Academic Research Ethics Course” and have completed the draft of their thesis may apply for the master's degree examination. The degree examination shall be conducted in accordance with the “National Taiwan University of Science and Technology Master's and Doctoral Degree Thesis Defense Examination Regulations.”

(三) 學生應於口試當學期本所規定時程，填寫並繳交「學位論文專業領域審查申請表」<sup>\*1</sup>。學生對本所做成之學位論文專業領域審查結果有疑義時，依本校之規定處理。

(3) Students must, within the time frame stipulated by the Institute for the semester of the oral defense, complete and submit the “**Graduate Institute's field of expertise Form** <sup>\*1</sup>.” If a student has any objection to the result of the thesis professional field review rendered by the Institute, the matter shall be processed in accordance with the University's regulations.

(四) 學位論文專業領域審查通過後，學生應於學位考試前繳交「口試申請審查表」、本校學位論文原創性比對系統之書面比對結果，提出論文口試申請。

(4) After passing the thesis professional field review, students must, before the degree examination, submit the “Master's Degree Oral Defense Examination Form” and the written similarity report generated by a thesis originality comparison system provided by the University before the degree examination to apply for the oral defense.

(五) 本所學位論文原創性比對標準，排除參考文獻，管理類論文相似度須小於百分之十五，科技法律類論文相似度須小於百分之二十，超過者，不得申請學位考試。

(5) The Institute's originality comparison standards for master's theses, excluding references, are as follows:

- For theses in the field of Management: similarity must be less than 15%.
  - For theses in the field of Technology Law: similarity must be less than 20%.
- Theses exceeding the above thresholds shall not be permitted to apply for the degree examination.

(六) 論文口試申請通過後，於口試當日，學生應備妥原創性比對報告書，送交指導教授及學位考試委員參考。

(6) After the oral defense application is approved, on the day of the oral defense, students must prepare the originality comparison report and provide it to the thesis advisor and the members of the degree examination committee for reference.

(七) 學生通過學位考試並經指導教授同意後，始得辦理離校手續。學生應繳交論文最後定稿、「國立臺灣科技大學學位論文學術倫理暨原創性比對聲明書」、論文最後定稿之本校學位論文原創性比對系統之書面比對結果及比對報告書電子檔。

(7) After passing the degree examination and obtaining the approval of the thesis advisor, students may proceed with the graduation clearance process. Students must submit the final version of the thesis, the "National Taiwan University of Science and Technology Graduate Student Thesis Academic Ethics and Authentication of Originality Statement." and the written similarity report and electronic file generated by the University's thesis originality comparison system for the final version of the thesis.

(八) 學生應登入學生資訊系統填寫並列印「國立臺灣科技大學學位論文學術倫理暨原創性比對聲明書」。論文最後定稿以本校學位論文原創性比對系統比對，超過本條第五項所定標準者，不得辦理離校手續。論文最後定稿之本校學位論文原創性比對系統之書面比對結果及比對報告書電子檔，由本所留存。

(8) Students shall log in to the Student Information System to complete and print the "National Taiwan University of Science and Technology Graduate Student Thesis Academic Ethics and Authentication of Originality Statement.." The final version of the thesis shall be checked using the University's thesis originality comparison system, and if it exceeds the standards specified in Item (5) of this Article, the graduation clearance process shall not be permitted. The written similarity report and electronic file generated by the University's thesis originality comparison system for the final version of the thesis shall be retained by the Institute.

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五、學生學位論文有與專業領域不符或其他違反學術倫理情事，依本校相關規定調查議處。

V. If a student's master's thesis does not conform to the relevant professional field or involves any other violation of academic ethics, the matter shall be investigated and dealt with in accordance with the relevant University regulations.

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六、本修業規定如有未盡事宜，適用本校學則及相關之規定。

VI. For any matters not covered in this Regulation, "National Taiwan University of Science and Technology General Academic Regulations" and other relevant rules and regulations shall apply.

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七、本修業規定經所務會議通過後實施，修正時亦同。

VII. This Regulation shall be implemented upon approval by the Institute Affairs Meeting, and the same shall apply to any amendments.

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附註：「學位論文專業領域審查申請表」為 112 學年度起實施。

**Note:** The "Graduate Institute's field of expertise Form" has been implemented starting from the 2023 Academic Year.

# 附件一：課程地圖 / Appendix I – Curriculum Map

115 學年度起入學生適用 Applicable to Students Admitted from the 2026 Academic Year Onwards

| 類別 Category                    | 學分與修課規定 Credit and Course Requirements                     | 科技法律<br>Technology Law                                                                                                                                                                                                                                                                                                                                                | 科技創新與創業管理<br>Management of Technology Innovation & Entrepreneurship                                                                                                                                                                               | 資料科學與科技應用<br>Data Science & Technology Applications                                                                                                                                                                                                                                                                                                                                                              |
|--------------------------------|------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 必修 Required Courses            | 0 學分<br>0 credits                                          | 科技管理專題研討 Special Topics on Technology Management *<br>科技管理書報討論 Seminar on Technology Management *                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 核心選修 Core Electives Courses    | 12 學分 (6 門選 4)<br>12 credits (choose 4 courses out of 6)   | <ul style="list-style-type: none"> <li>科技與法律<br/>Technology &amp; Law</li> <li>專利與行政法<br/>Patent and Administrative Law</li> </ul>                                                                                                                                                                                                                                    | <ul style="list-style-type: none"> <li>新事業發展*<br/>New Business Development*</li> <li>科技管理個案分析*<br/>Technology Management and Case Analysis*</li> <li>產業競爭與全球科技政策分析*<br/>Industrial Competitiveness and Global S&amp;T Policy Analysis*</li> </ul> | <ul style="list-style-type: none"> <li>研發與專案管理*<br/>R&amp;D and Project Management*</li> </ul>                                                                                                                                                                                                                                                                                                                   |
| 拓展選修 Extended Elective Courses | 18 學分 (12 門選 6)<br>18 credits (choose 6 courses out of 12) | <ul style="list-style-type: none"> <li>智慧財產權與行銷策略<br/>Intellectual Property Law and Marketing Strategies</li> <li>企業與競爭法<br/>Enterprise and Competition Law</li> <li>綠能科技政策與能源法<br/>Green Energy Technology Policy and Energy Law</li> <li>電子商務與競爭法專題研究<br/>Studies in E-Commerce and Competition Law</li> <li>氣候變遷政策與法律<br/>Climate Change Policy and Law</li> </ul> | <ul style="list-style-type: none"> <li>社會創新*<br/>Social Innovation*</li> <li>平台策略與創新*<br/>Platform Strategy and Innovation*</li> <li>國際企業與創新發展*<br/>International Business and Innovation Development*</li> </ul>                                 | <ul style="list-style-type: none"> <li>人工智慧與商業分析(隔學年開 EMI 課程*)<br/>Artificial Intelligence and Business Analytics (Offered as EMI course in alternate academic years*)</li> <li>技術評估與預測(隔學年開 EMI 課程*)<br/>Technology Assessment and Forecasting (Offered as EMI course in alternate academic years*)</li> <li>社會科學研究方法*/行銷研究*(註)<br/>Social Science Research Methodology*/ Marketing Research* (Note)</li> </ul> |

|                                    |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|------------------------------------|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>其他選修 Other Elective Courses</b> | 12 學分<br>12 credits | 得選修(a)本所課程、(b)本校管理學院課程、或(c)國立臺灣大學聯盟開設與本所專業課程三大領域密切相關且經本所課程委員會同意之課程<br>Students may choose to take: (a) courses offered by the Institute; (b) courses offered by the College of Management of the University; or (c) courses offered by the National Taiwan University System that are closely related to the three major areas of the Institute's professional curriculum and approved by the Institute's Curriculum Committee.                                                                                                                             |
| <b>共計 Total</b>                    | 42 學分<br>42 credits | 應修滿至少 15 學分由本所開設之英語授課課程，且其中應涵蓋科技創新與創業管理、資料科學與科技應用兩大領域中每位授課教師所開設之課程各至少一門，以完備各重要且不同的前瞻課題之研究與跨域整合能力。<br>Students must complete no fewer than 15 credits from English-taught courses offered by the Institute, including at least one course offered by each instructor in the two areas of Management of Technology Innovation & Entrepreneurship, and Data Science and Technology Applications, to ensure comprehensive engagement with important and distinct forward-looking topics and to develop research and interdisciplinary integration capabilities. |

\*為 EMI (English as a Medium of Instruction)全英語授課課程 These courses are conducted entirely in English as the medium of instruction (EMI).

註：社會科學研究方法\*/行銷研究\*由授課教師依學期教學計畫及學生修課需求彈性開課

Note: Social Science Research Methodology\* / Marketing Research\* — To be offered at the discretion of the instructor in accordance with the semester's teaching plan and student enrollment needs.

**附件二：認可之英文課程** Appendix II: Recognized English Courses (不適用於英文學程之外國學生 Not Applicable to international students of the English-taught Program)

| 語言技能類                                                            | 專業職能                                       | 學術英語                               |
|------------------------------------------------------------------|--------------------------------------------|------------------------------------|
| 初級英文寫作(一)、(二)<br>中級英文寫作(一)、(二)<br>進階英文閱讀(一)、(二)<br>進階英文溝通(一)、(二) | 職場英文、進階職場英文<br>故事力:商用英語溝通<br>商務英文溝通、商用英文書信 | 學術聽講、學術寫作<br>科技英文、進階科技英文<br>專業英文溝通 |

\*依據本校語言中心課程一覽表(研究生選修課程);除科技英文為3學分,其餘每門課程皆為2學分。

| Language Skills Category                                                                                                                                             | Professional Competence                                                                                                                                                     | Academic English                                                                                                                |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| Elementary English Writing (I), (II)<br>Intermediate English Writing (I), (II)<br>Advanced English Reading (I), (II)<br>Advanced English Oral Presentation (I), (II) | Workplace English, Advanced Workplace English<br>Storytelling: Business English Oral Presentation<br>Business English Oral Presentation, Business English<br>Correspondence | Academic Listening, Academic Writing<br>Technical English, Advanced Technical English<br>Professional English Oral Presentation |

*Pursuant to the list of courses offered by the University's Language Center (Graduate Institute elective courses); with the exception of Technical English, which carries 3 credits, each course in the other categories carries 2 credits.*

**附件三：全民英檢中級之語文測驗成績對應** Appendix III: Correspondence Table for the General English Proficiency Test (GEPT) Intermediate

Level and Equivalent English Proficiency Test Scores (不適用於英文學程之外國學生 Not Applicable to international students of the English-taught Program)

| 全民英檢<br>(GEPT)     | 多益測驗<br>(TOEIC) | 托福<br>(TOEFL) |             | IELTS | 劍橋大學英語能力<br>認證分級測驗<br>(Cambridge Main Suite) | 劍橋大學國際商務英語<br>能力測驗<br>(BULATS) | 劍橋領思<br>職場英語檢測<br>(聽讀/口說/寫作)<br>(Linguaskill Business) | 培力英語能力檢<br>定測驗聽讀測<br>(BEST Test of English Proficiency) | 培力英語能力檢定測驗說寫<br>測驗(BEST Test of English Proficiency) |               |
|--------------------|-----------------|---------------|-------------|-------|----------------------------------------------|--------------------------------|--------------------------------------------------------|---------------------------------------------------------|------------------------------------------------------|---------------|
|                    |                 | 紙筆測驗<br>ITP   | 網路測驗<br>iBT |       |                                              |                                |                                                        |                                                         | 口說<br>Speaking                                       | 寫作<br>Writing |
| 中級<br>Intermediate | 550             | 433           | 42          | 4     | Preliminary English Test (PET)               | ALTE Level 2                   | 140                                                    | 70                                                      | 230                                                  | 230           |

#### 附件四：認可之管理課程 Appendix IV: Recognized Management Courses

「一般管理」、「生產管理」、「行銷管理」、「人資管理」、「財務管理」、「資訊管理」六類管理課程如下表所列。其他於大學部或研究所開設之類似課程，本所課程委員會得依學生之申請，認可之。

The six categories of management courses — *General Management*, *Production Management*, *Marketing Management*, *Human Resources Management*, *Financial Management*, and *Information Management* — are listed in the table below. Equivalent courses offered in other departments or graduate institutes of the University may, upon application by the student, be recognized with the approval of the Institute's Curriculum Committee.

| 管理領域類別<br>Management<br>Category | 一般管理<br>General Management                                                                                                                                                                                                                       | 生產管理<br>Production<br>Management                                                                                                                                                                              | 行銷管理<br>Marketing<br>Management                                                                                                                                                           | 人資管理<br>Human Resources<br>Management                                                                                                                                                                                                                                                                           | 資訊管理<br>Information<br>Management                                                                                                                                                                                                                                                                                                                                | 財務管理<br>Financial<br>Management                                                          |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|
| 課程名稱<br>Course Title             | <ul style="list-style-type: none"> <li>● 管理學</li> <li>● 組織管理</li> <li>● 組織理論</li> <li>● 策略管理</li> <li>● Management</li> <li>● Introduction to Management</li> <li>● Organization Theory &amp; Management / The Theory of Organization</li> </ul> | <ul style="list-style-type: none"> <li>● 生產管理系統</li> <li>● 精實生產與管理</li> <li>● 專案管理</li> <li>● Production Management System</li> <li>● Lean Production and Management</li> <li>● Project Management</li> </ul> | <ul style="list-style-type: none"> <li>● 行銷管理</li> <li>● 國際行銷</li> <li>● 服務業行銷</li> <li>● Marketing Management</li> <li>● International Marketing</li> <li>● Service Marketing</li> </ul> | <ul style="list-style-type: none"> <li>● 人力資源管理</li> <li>● 人力資源理論研討</li> <li>● 國際人力資源管理</li> <li>● 人力資源管理個案</li> <li>● Human Resource Management</li> <li>● Seminar on Human Resource Theory</li> <li>● International Human Resource Management</li> <li>● Case Studies in Human Resource Management</li> </ul> | <ul style="list-style-type: none"> <li>● 電子化企業</li> <li>● 資訊科技管理</li> <li>● 策略知識管理</li> <li>● 知識管理</li> <li>● e-Enterprise / Electronic Business</li> <li>● Management of Information Technology / Information Technology Management</li> <li>● Strategic Knowledge Management</li> <li>● Knowledge Management / Introduction to Knowledge management</li> </ul> | <ul style="list-style-type: none"> <li>● 財務管理</li> <li>● Financial Management</li> </ul> |