

# 115 學年度技術及職業教育研究所博士班課程流程圖

114.10.14 114 學年度第 3 次所務會議通過  
114.10.14 114 學年度第 1 次課程委員會會議通過

課程流程圖(講授時數一實習時數一學分數)

| 第一學年                                                                                                                                                                                                            | 第二學年                                                                                                                                                                                                                                                                                                                                                           |                               |                                                     |
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| 第一學期                                                                                                                                                                                                            | 第二學期                                                                                                                                                                                                                                                                                                                                                           | 第一學期                          | 第二學期                                                |
| 必修科目(計 6 學分) required thesis 6 credits                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                |                               |                                                     |
|                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                | 博士論文<br>Master's thesis 3-0-3 | 博士論文<br>Master's thesis 3-0-3                       |
| 選修科目(至少應修 36 學分) Optional courses 36 credits                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                |                               |                                                     |
| (一)核心課程 Core curriculum                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                |                               |                                                     |
| ★技職教育歷史與哲學<br>History and Philosophy of<br>Technological and<br>Vocational Education<br>3-0-3<br>★技職教育理論與實際<br>Theoretical Foundations<br>and Practice of<br>Technological and<br>Vocational Education<br>3-0-3 | ★比較技職教育研究<br>Comparative<br>Technological and<br>Vocational Education<br>3-0-3                                                                                                                                                                                                                                                                                 |                               | ★職能分析方法<br>Competency Analysis<br>Method<br>3-0-3   |
| ◎技職教育學方法論專題研究<br>Research Methodology of<br>Technological Education<br>3-0-3<br>◎專題研討<br>Seminar<br>3-0-3                                                                                                       | ◎勞動市場分析專題研究<br>Study on Labor Market<br>Analysis<br>3-0-3                                                                                                                                                                                                                                                                                                      |                               | ◎知識與方法論<br>Epistemology and<br>Methodology<br>3-0-3 |
| (二)研究方法課程 Research method courses                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                |                               |                                                     |
| ★技職教育研究法<br>Research Methodology in<br>Technological and<br>Vocational Education<br>3-0-3<br>★高級教育統計<br>Advanced Educational<br>Statistics<br>3-0-3                                                             | ★多變量分析<br>Multivariate<br>Analysis<br>3-0-3<br>★質性研究法<br>Qualitative Research<br>Methodology<br>3-0-3<br>★量化研究與設計<br>Quantitative Research and<br>Design<br>3-0-3<br>★行動研究<br>Action Research<br>3-0-3<br>★實驗設計與統計分析<br>Experimental Design and<br>Statistical Analysis<br>3-0-3<br>★AI 輔助技職教育測驗評<br>量與資料分析方法<br>AI- Assisted Vocational<br>Education Testing, |                               |                                                     |

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|                                                                                                                                                       | Assessment, and Data Analysis 3-0-3 |                                              |  |
| ◎社會及行為科學專題研究<br>Research of Social and Behavioral Science<br>3-0-3<br>◎結構方程模式分析專題研究<br>Ecial Topics in Structural Equation Modeling Analysis<br>3-0-3 |                                     | ◎次級資料研究法<br>Secondary Data Research<br>3-0-3 |  |

### (三)專業課程 Professional Courses

#### 課程發展領域 Courses Teaching Field

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| ★技職教育教學策略研究<br>Instructional Strategies for Technological and Vocational Education<br>3-0-3<br>★數位科技教學研究<br>Study on Digital Technology Instruction<br>3-0-3<br>★技職教育英文期刊論文<br>Selected English Paper Readings in Technological & Vocational Education<br>3-0-3 | ★國際教育見習(A)<br>Internship on International Education(A)<br>1-0-1<br>★書報討論(A)<br>Seminar (A)<br>1-0-1<br>★有效教學研究<br>Research for Effective Teaching<br>3-0-3<br>★新興科技整合教育議題研究<br>Research on Innovation Technology Integrated Education Issues<br>3-0-3 | ★技職教育教學評量研究<br>Instructional Evaluation on Technological and Vocational Education<br>3-0-3<br>★科學、技術與社會—STS研究<br>Science, technology and society — the STS study<br>3-0-3<br>★書報討論(B)<br>Seminar (B)<br>1-0-1<br>★國際教育見習(C)<br>Internship on International Education(C)<br>1-0-1 | ★測驗理論<br>Test Theories<br>3-0-3<br>★創造思考與教學<br>Creative Thinking and Teaching<br>3-0-3<br>★書報討論(C)<br>Seminar (C)<br>1-0-1<br>★批判思考教學研究<br>Critical thinking Instruction and Research<br>3-0-3 |
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#### 人力發展領域 Operation and Development Field

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| ★當前技職教育問題研究<br>Critical Issues in Technological and Vocational Education<br>3-0-3<br>★生涯發展與職業輔導研究<br>Career Development and Guidance<br>3-0-3<br>★創造力發展研究<br>Study on the Development of Creativity<br>3-0-3<br>★書報討論(D)<br>Seminar (D)<br>1-0-1<br>★中等技職教育發展研究<br>Study in Vocational & Technical Ed. at Secondary Level<br>3-0-3<br>★產學攜手與建教合作教育<br><u>Industry–Academia Partnership and Cooperative Education</u> | ★青少年問題與輔導研究<br>Study on Adolescence Issue and Guidance<br>3-0-3<br>★教育論文寫作<br>Academic Writing in Education<br>3-0-3<br>★書報討論(E)<br>Seminar (E)<br>1-0-1<br>★教師專業發展與評鑑研究<br>Study in Teacher Professional Development And Evaluation for Teachers' Professionals<br>3-0-3<br>★教學領導研究<br>Studies on Teaching Leadership<br>3-0-3<br>★暑期進階產業實務實習<br>Summer Advanced | ★策略性人力資源管理<br>Strategic Human Resource Management<br>3-0-3<br>★非傳統學生職業輔導研究<br>Vocational Guidance for Nontraditional Students<br>3-0-3<br>★技職教育輔導研究<br>Study on Guidance in Technological and Vocational Education<br>3-0-3<br>★創新管理研究<br>Study in Innovative Management<br>3-0-3<br>★書報討論(F)<br>Seminar (F)<br>1-0-1<br>★職場心理學<br>Psychological theories and Practices in Workplace<br>3-0-3<br>★學校創新經營研究 | ★人力資源發展與訓練<br>Human Resource Development and Training<br>3-0-3<br>★組織員工輔導與諮商<br>Guidance and Counseling For Organizational Employee<br>3-0-3<br>★職業社會學<br>Occupational Sociology<br>3-0-3<br>★教育與校務評鑑研究<br>Studies on Evaluation in Education and School<br>3-0-3 |
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| <u>3-0-3</u><br>★學校組織行為研究<br>Organizational Behavior in Education<br>3-0-3 | Industrial Internship<br>0-4-2 | Study in School Innovative Management<br>3-0-3<br>★國際教育見習(B)<br>Internship on International Education(B)<br>2-0-2 |  |
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(四) 進階課程 Advanced Course

課程發展領域 Courses Teaching Field

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| ◎組織行為學專題研究<br>Study of Organizational Behavior<br>3-0-3 | ◎創新教學專題研究<br>Study in Innovative Teaching<br>3-0-3 | ◎數位學習模式策略與評量<br>專題研究<br>Study on Learning Models and Strategies of E-Learning System<br>3-0-3 | ◎多媒體教學設計專題研究<br>Special Topic on Multi-media Instruction Design<br>3-0-3<br>◎技職教育課程發展專題研究<br>Study of Curriculum Development in Vocational and Echnological Education<br>3-0-3<br><u>◎差異化暨補救教學專題研究</u><br><u>Special Topic in Differentiated and Remedial Instruction</u><br><u>3-0-3</u> |
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人力發展領域 Operation and Development Field

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| ◎員工生涯規劃與經營專題研究<br>Career Planning and Development of Employee<br>3-0-3<br><u>◎永續發展教育專題研究</u><br><u>Special Topics in Education for Sustainable Development (ESD)</u><br><u>3-0-3</u> | ◎當代應用心理學專題研究<br>Special Topic in Contemporary Applied Psychology<br>3-0-3 | ◎科技與專案管理專題研究<br>Study on Technology and Project Management<br>3-0-3 | ◎高等技職教育發展專題研究<br>Special Topic on Technological and Technical Education at Post-Secondary Level<br>3-0-3<br>◎諮商歷程專題研究<br>Special Topic on Counseling Process<br>3-0-3 |
| <u>63-0-63</u>                                                                                                                                                                       | 51-4-53                                                                   | 38-0-38                                                             | 43-0-43                                                                                                                                                               |

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1.最低畢學分:42 學分【必修論文 6 學分；選修 36 學分】。

Doctoral students should take 42 credits before graduation【required thesis 6 credits；Optional courses 36 credits】。

2.核心課程至少需修習 6 學分(核心課程含：技職教育歷史與哲學、技職教育理論與實際、比較技職教育研究、技職教育學方法論專題研究、知識與方法論、勞動市場分析專題研究、專題研討、職能分析方法)。

Core curriculum students should tak 6 credits

3.研究方法課程至少需修習 6 學分(研究方法課程含：社會及行為科學專題研究、實驗設計與統計分析、結構方程模式分析專題研究、行動研究、質性研究法、多變量分析、量化研究與設計、高級教育統計、技職教育研究法、次級資料研究法、AI 輔助技職教育測驗評量與資料分析方法)。

Research method courses students should tak 6 credits

4.自 101 學年度起博士班研究生非教育相關系所畢業者，需先修「技職教育理論與實際」課程，其學分得以列入畢業學分，從事技職教育與訓練相關工作經驗(如：職業訓練、技專校院講師...等)達 2 年(含)以上者，不在此限。

5.外所課程至多 6 學分，需經指導教授或所長同意後始可修習。

Doctoral students can take other graduate school's courses after agreement of their advisors or the graduate chairman. Doctoral students can earn no more than 6 credits.

6.◎：表博班開課，★：表碩博合開

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