

115 學年度技術及職業教育研究所碩士班課程流程圖

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	
第一學期	第二學期	第一學期	第二學期
必修科目(計 9 學分) required thesis 9credits			
技職教育研究法 Research Methodology in Technological and Vocational Education 3-0-3		碩士論文 Master's thesis 3-0-3	碩士論文 Master's thesis 3-0-3
3-0-3		3-0-3	3-0-3

選修科目(至少應修 30 學分) Optional courses30 credits

(一)核心課程 Core curriculum

★技職教育歷史與哲學 History and Philosophy of Technological and Vocational Education 3-0-3 ★技職教育理論與實際 Theoretical Foundations and Practice of Technological and Vocational Education 3-0-3	★比較技職教育研究 Comparative Technological and Vocational Education 3-0-3		★職能分析方法 Competency Analysis Method 3-0-3
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(二)研究方法課程 Research method courses

★高級教育統計 Advanced Educational Statistics 3-0-3	★多變量分析 Multivariate Analysis 3-0-3 ★質性研究法 Qualitative Research Methodology 3-0-3 ★量化研究與設計 Quantitative Research and Design 3-0-3 ★行動研究 Action Research 3-0-3 ★實驗設計與統計分析 Experimental Design and Statistical Analysis 3-0-3 ★AI 輔助技職教育測驗評 量與資料分析方法 AI- Assisted Vocational Education Testing, Assessment, and Data Analysis 3-0-3	★次級資料分析 Secondary Data Analysis 3-0-3	
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(三)基礎課程 Foundation Course

課程教學領域 Courses Teaching Field

※技職教育課程設計研究 Study of Curriculum Design in Technological and Vocational Education 3-0-3 ※科技教育導論研究 Introduction to Technology Education 3-0-3 ※數位學習導論與實務 E-Learning Theory and Practice 3-0-3 ※基礎 scratch 程式語言在教育上的應用 Basic scratch programming language in education area. 3-0-3	※數位內容產業與教育訓練之應用 Digital Content Industries and Applications in Educational Training 3-0-3 ※進階 scratch 程式語言在教育上的應用 Advanced scratch programming language in education area 3-0-3	※成人學習與推廣教育研究 Study on Adult Learning and Extension Education 3-0-3 ※基礎 VB 程式語言在教育上的應用 Basic Visual Basic programming language in education area 3-0-3	※多媒體教學設計研究 Study on Instructional Multi-Media 3-0-3 ※進階 VB 程式語言在教育上的應用 Advanced Visual Basic programming language in education area 3-0-3
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人力發展領域 Operation and Development Field

※技職教育行政與視導研究 Studies on Educational Administration and Supervision in Technological & Vocational Education 3-0-3	※職業倫理 Professional Ethics 3-0-3	※技職學校行政研究 Study on School Administration in Technological and Vocational Education 3-0-3 ※教育訓練需求評估與規劃 Training Needs Assessment and Planning 3-0-3	※教育訓練與績效評鑑 Training and Accountability Evaluation 3-0-3
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(四)專業課程 Professional Courses

課程教學領域 Courses Teaching Field

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

★當前技職教育問題研究 Critical Issues in Technological and	★青少年問題與輔導研究 Study on Adolescence Issue and Guidance	★策略性人力資源管理 Strategic Human Resource	★人力資源發展與訓練 Human Resource Development and
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Vocational Education 3-0-3 ★生涯發展與職業輔導研究 Career Development and Vocational Guidance 3-0-3 ★創造力發展研究 Study on the Development of Creativity 3-0-3 ★書報討論(D) Seminar (D) 1-0-1 ★中等技職教育發展研究 Study in Vocational & Technical Ed. at Secondary Level 3-0-3 ★ <u>產學攜手與建教合作教育</u> <u>Industry-Academia Partnership and Cooperative Education</u> 3-0-3 ★學校組織行為研究 Organizational Behavior in Education 3-0-3	3-0-3 ★教育論文寫作 Academic Writing in Education 3-0-3 ★書報討論(E) Seminar (E) 1-0-1 ★教師專業發展與評鑑研究 Study in Teacher Professional Development and Evaluation for Teachers 3-0-3 ★教學領導研究 Studies on Teaching Leadership 3-0-3 ★暑期進階產業實務實習 Summer Advanced Industrial Internship 0-4-2	Management 3-0-3 ★非傳統學生職業輔導研究 Vocational Guidance for Nontraditional Students 3-0-3 ★技職教育輔導研究 Study on Guidance in Technological and Vocational Education 3-0-3 ★創新管理研究 Study in Innovative Management 3-0-3 ★書報討論(F) Seminar (F) 1-0-1 ★職場心理學 Psychological theories and Practices in Workplace 3-0-3 ★學校創新經營研究 Study in School Innovative Management 3-0-3 ★國際教育見習(B) Internship on International Education(B) 2-0-2	Training 3-0-3 ★組織員工輔導與諮商 Guidance and Counseling for Organizational Employee 3-0-3 ★教育與校務評鑑研究 Studies on Evaluation in Education and School 3-0-3
55-0-55	51-4-53	47-0-47	<u>37-0-37</u>

1.最低畢業學分:39 學分 【必修 9 學分(含論文 6 學分,技職教育研究法 3 學分);選修 30 學分】。

Master's students should take 39 credits before graduation 【namely 9 compulsory credits (including 6 credits in thesis and 3 credits in technological and vocational research method)

2.核心課程至少需修習 3 學分(核心課程包含：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、職能分析方法)。

Core curriculum students should tak 3 credits.

3.研究方法課程至少需修習 6 學分(研究方法課程含：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、實驗設計與統計分析、次級資料分析、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.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。

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

5.※：表碩班開課 ★：表碩博合開