



系專業能力 Basic Learning Outcomes		課程目標與系專業能力相關性 Correlation between Course Objectives and Dept.'s Education Objectives
A	具備幼兒教保發展理念與實務的素養。 To demonstrate the literacy of theorizing and performing developmentally appropriate early childhood educare curricula.	○
B	具備理解與尊重幼兒發展及學習需求的素養。 To demonstrate the literacy of respecting and understanding preschool children's versatile developmental and learning needs.	○
C	具備規劃適切的幼兒教保課程、教學及多元評量的素養。 To demonstrate the literacy of planning, executing, and evaluating developmentally appropriate educare programs for preschool children.	●
D	具備建立幼兒教保正向學習環境及適性輔導的素養。 To demonstrate the literacy of establishing positive learning environment and implementing multiple adaptive guidance for preschool children.	○
E	具備認同與實踐幼兒教保專業倫理的素養。 To demonstrate the literacy of identifying and complying with the early childhood educare professional ethics.	○
圖示說明Illustration：● 高度相關 Highly correlated ○ 中度相關 Moderately correlated		
課程大綱 Course Outline		
本課程內容介紹幼兒數學與科學的概念，探索幼兒對數學與科學的學習歷程，學習如何設計以遊戲的方式讓幼兒學習數學及科學的教材與叫法，並透過實際教學活動演示，強化學生對幼兒學習數學與科學教材的體認，進而發展出創新的幼兒數學教學活動。		
資源需求評估（師資專長之聘任、儀器設備的配合．．．等） Resources Required (e.g. qualifications and expertise, instrument and equipment, etc.)		
課程要求和教學方式之建議 Course Requirements and Suggested Teaching Methods		
本課程以講授方式進行，輔以課堂討論及報告		
其他 Miscellaneous		