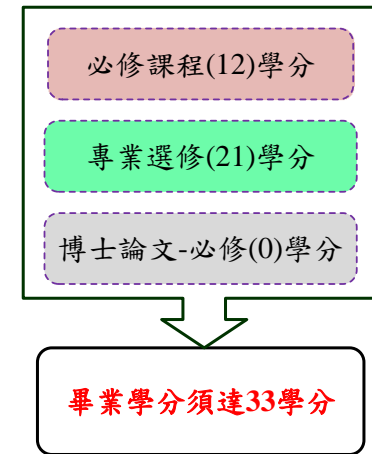
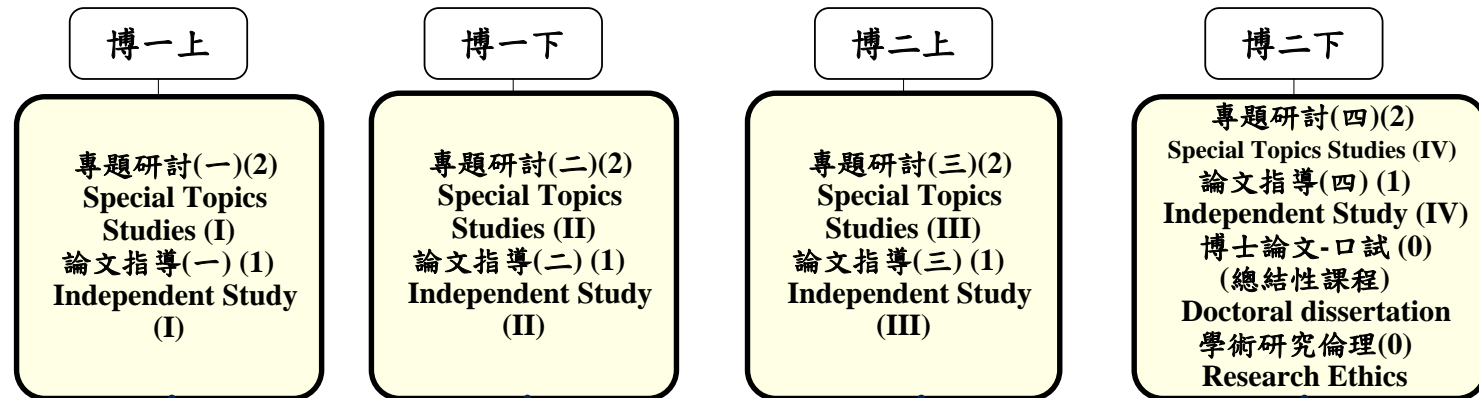


電子工程學系博士班 課程學習指引地圖

105入學年度學生適用

所教育目標
 厚實專業技能
 培養研發潛力
 精進外語能力



專業選修(21學分)

高等半導體物理及元件(3) Advanced Semiconductor Physics and Devices 超大型積體電路設計(3) VLSI Design 平面顯示器(3) Planar Displayer 有機與無機材料(3) Organic and Inorganic Materials 有機電激發光元件及顯示器(3) Organic Electroluminescent Devices And Display 錯誤控制編碼(3) Error Control Coding 微帶天線(3) Microstrip Antenna 數位信號處理(3) Digital Signal Processing 嵌入式系統設計(3) Embedded System Design 化合物半導體工程(3) Engineering of Compound Semiconductors 雷射工程(3) Laser Engineering	真空技術(3) Vacuum Technology 白光發光二極體及藍紫光雷射(3) White-Light LED and Purplish-Blue-Light LASER 高等電子學(3) Advanced Electronics 超大型積體電路訊號處理架構(3) VLSI Architecture Design for Digital Singal Processing 無線多媒體通訊(3) Wireless Multimedia Communication 數位通訊系統設計原理(3) Digital Communication System Design and Fundamentals 行動通訊技術與應用(3) Communication Technologies and Applications 高頻電子電路(3) High Frequency Electronic Circuit 天線設計原理(3) Principle of Antenna Design 微波工程(3) Microwave Technology	數位視訊技術(3) Digital Video Technology 有機半導體及其光電應用(3) Organic Semiconductor and its Optoelectronic Application 類比信號量測(3) Analog Signal Measurement 隨機過程(3) Random Processess 表面科學(3) Surface Science 類神經網路(3) Neural Networks 高等通訊原理(3) Advanced Communication Principle 神經網路 Neural Networks 微波通訊系統(3) Microwave Communication System 螢光體材料(3) Phosphor Materials
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※詳見博士班二年計劃表

