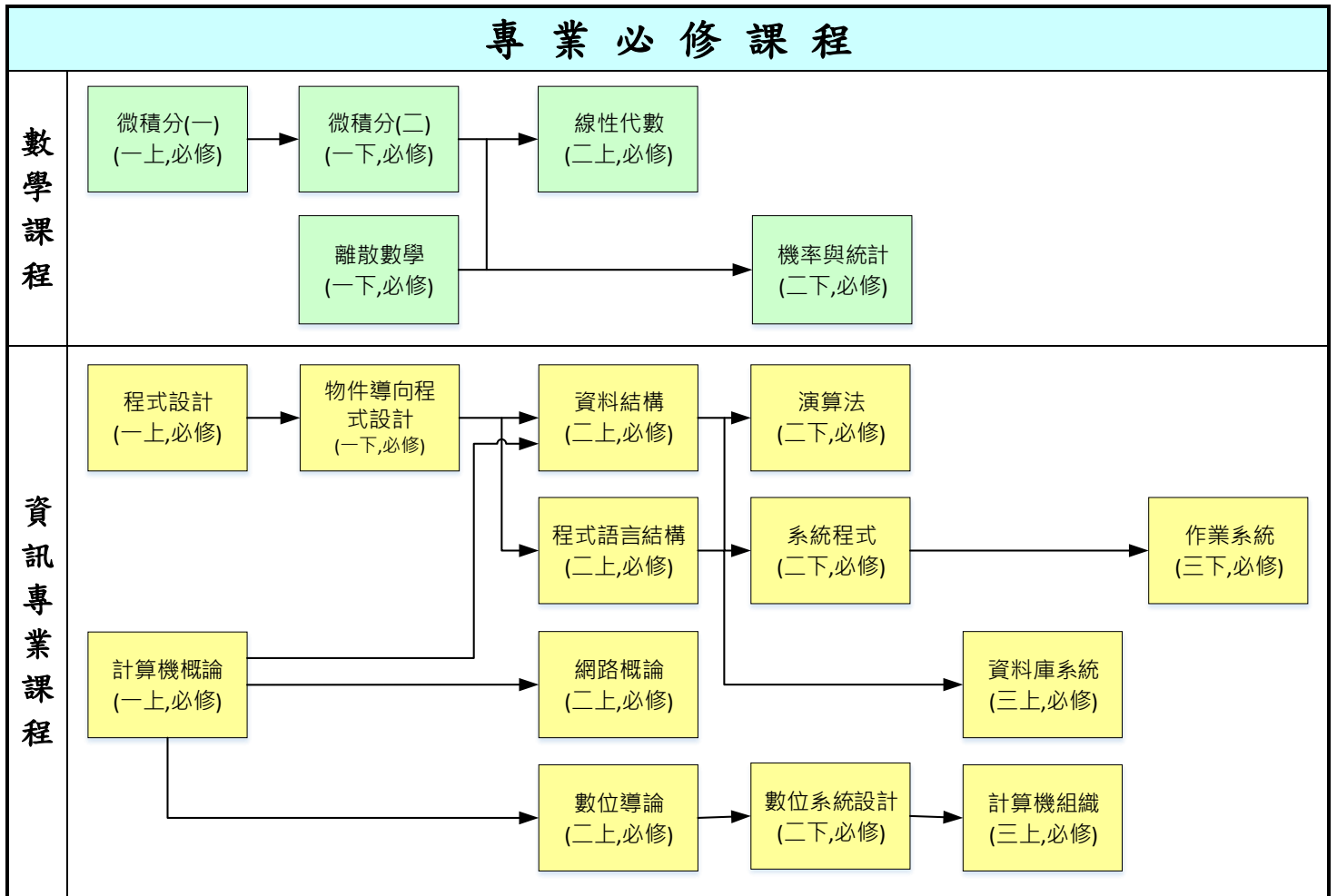


大葉大學資訊工程學系大學部課程建議修課流程圖

【113 級大學部學生適用】

第 60 次 (240321) 系課程委員會修訂通過



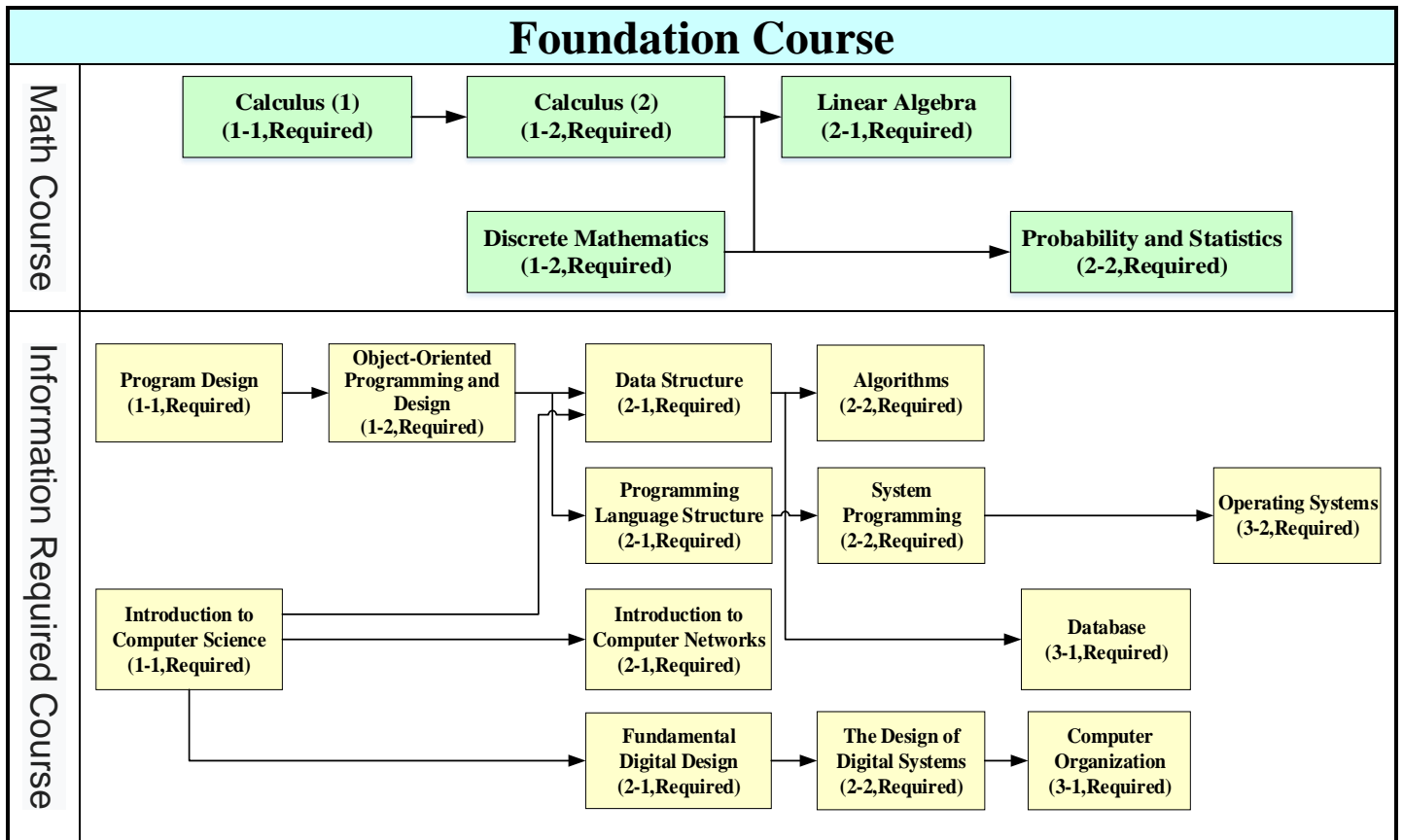
專長選修課程

智聯網 (AIoT)	雲端運算	資訊安全	其他專長選修
人工智慧 (大三)	Web 應用軟體設計 (大二)	資訊安全導論(大二)	Unix 作業系統操作(大一) 硬體描述語言(大三)
物聯網 (大三)	資料庫軟體實務 (大二)	程式設計安全(大三)	多媒體概論 (大一) 網路程式設計(大三)
感測器原理與應用 (大三)	網際網路協定 (大二)	區塊鏈 (大三)	基本電學 (大一) 機器學習 (大三)
嵌入式系統 (大三)	伺服器系統操作及管理實務(大三)	密碼學 (大四)	數位實驗 (大二) 影像處理 (大四)
智慧聯網實務 (大三)	雲端技術與應用 (大三)	網路攻防 (大四)	科技英文 (大二) 分散式系統 (大四)
深度學習 (大四)	網路服務應用 (大三)	物聯網安全 (大四)	視窗程式設計 (大二) 軟體工程 (大四)
機器視覺 (大四)	CISCO 網路實務(一)(大四)	軟體安全 (大四)	Java 程式設計 (大二) 擴增實境設計(大四)
行動應用程式開發實務(大四)	CISCO 網路實務(二)(大四)	雲端安全 (大四)	Android 程式設計 (大三) Java 企業運算(大四)
生成式 AI (大四)	進階資料庫與設計實務 (大四)		微算機原理與應用 (大三) 圖形識別 (大四)
無線感測網路 (大四)	大數據分析 (大四)		系統分析與設計 (大三) 正規語言 (大四)
工業物聯網 (大四)			

Da-Yeh University, Department of Computer Science and Information Engineering
Flowchart of Recommended Course for Bachelor Degree Program

【For the 113 academic year Bachelor students】

第 60 次 (240321) 系課程委員會修訂通過



Professional Course	
AIoT	<ul style="list-style-type: none"> ● Artificial Intelligence (3) ● Internet of Things (3) ● Principles and Applications of Sensors (3) ● Embedded System (3) ● Practice of Artificial Intelligence and Internet of Things (3) ● Deep Learning (4) ● Machine Vision (4) ● Mobile Application Development (4) ● Wireless Sensor Network (4) ● Industrial Internet of Things (4)
Cloud Computing	<ul style="list-style-type: none"> ● Web-based Application Design (2) ● Practical Application of Databases (2) ● TCP/IP Protocol Suites (2) ● Server System Operation and Management (3) ● Technologies and Applications of Cloud Services (3) ● Application of Web Services (3) ● CISCO Networking (1) (4) ● CISCO Networking (2) (4) ● Advanced Database Application Design & Implementation (4) ● Big Data Analytics (4)
Information Security	<ul style="list-style-type: none"> ● Introduction to Information Security (3) ● Programming Security (3) ● Blockchain (3) ● Cryptography (4) ● Network Attack and Defense Exercise (4) ● Internet of Things Security (4) ● Software Security (4) ● Cloud Security (4)
Other Professional Electives	<ul style="list-style-type: none"> ● UNIX Operating Systems (1) ● Introduction to Multimedia (1) ● Basic Electricity (1) ● Technical English Writing (1) ● Engineering Mathematics (1) ● Digital Electronics (2) ● Assembly Language (2) ● Engineering Ethics (2) ● Windows Programming (2) ● Advanced Data Structure (2) ● Java Programming (2) ● Android Programming (3) ● The Principles and Applications of Microcontroller (3) ● Hardware Description Language (3) ● System Analysis and Design (3) ● Practice of Computer Game Design (3) ● Network Programming (3) ● Machine Learning (3) ● Image Processing (4) ● Software Engineering (4) ● Graph Theory (4) ● Augmented Reality Design (4) ● Pattern Recognition (4) ● Formal Language (4)