

115學年度各學系專業課程抵認校核心通識「資訊素養」領域課程彙整表

開課學系	課程代碼	課程名稱	學分數
應數系	CSIE10400	程式設計(一)	3
	AM__11600	軟體實作與計算	3
	CSIE20000	資料結構	3
	CSI_10500	程式設計(二)	3
	CSIE20500	演算法	3
	AM__30000	數值方法	3
物理系	APH_50200	計算物理(一)	3
	APH_51100	計算物理(二)	3
	PHYS31100	實驗物理技術(一)	3
	PHYS21240	Python物理（一）	3
	PHYS21250	Python物理（二）	3
化學系	CHEM53800	計算化學	3
生醫系	BMM_33470	生物資訊分析	3
電機系	CSIE10400	程式設計(一)	3
資工系	CSIE10400	程式設計(一)	3
	CSIEB0020	程式設計(一)	3
	CSIE10500	程式設計(二)	3
	CSIEB0040	程式設計(二)	3
	CSIE33000	網路程式設計	3
	CSIE41020	行動裝置多媒體應用程式設計 實作	3
光電系	OE__10390	數位設計	3
	OE__10350	光電數值分析與計算	3
	OE__10400	光電工程數位製圖	3
大數據科學班	DS__10000	程式設計(一)	3
	DS__10030	程式設計(二)	3
洄瀾學院	TCAI10040	基礎程式設計(C++)	3
資管系	IM_11200	初階程式設計	3
	IM_11300	進階程式設計	3
	IM__33100	企業資源規劃系統程式設計	3
	IM__33400	資料庫程式設計與管理	3
	IM__30700	網頁程式設計	3
會資國際班	ACIM10020	程式設計(一)	3

開課學系	課程代碼	課程名稱	學分數
數位行銷班	DMSII0010	程式設計(一)	3
財金系	FIN_21040	大數據導論	3
	FIN_20000	財務軟體應用	3
自資系	NRES20230	初級程式設計-R語言	3
教育系	CDPD32520	運算思維與創意問題解決	2
經濟系	EC_22050	大數據分析導論	3

※說明：學生若以本系專業課程抵認資訊素養領域者，抵認之課程不計入通識學分，抵認後需補足通識學分。

Recognized Information Technology Literacy Related Professional & Specialized Courses from Individual Departments (Academic Year 2026)

Department	Course Code	Course Title	Credits
Applied Mathematics	CSIE10400	Introduction to Computer Programming (I)	3
	AM__11600	Software Implementations and Computation	3
	CSIE20000	Data Structures	3
	CSIE10500	Introduction to Computer Programming (II)	3
	CSIE20500	Algorithm Design and Analysis	3
	AM__3000		3
Physics	APH_50200	Computational Physics (I)	3
	APH_51100	Computational Physics (II)	3
	PHYS31100	Experimental Techniques in Physics (I)	3
	PHYS21240	Pyysics (Python for Physics) I	3
	PHYS21250	Pyysics (Python for Physics) II	3
Chemistry	CHEM53800	Computational Chemistry	3
Department of Biochemistry and Molecular Medicine	BMM_33470	Bioinformatics analysis	3
Electrical Engineering	CSIE10400	Introduction to Computer Programming (I)	3
Computer Science and Information Technology	CSIE10400	Introduction to Computer Programming (I)	3
	CSIEB0020	Introduction to Computer Programming (I)	3
	CSIE10500	Introduction to Computer Programming (II)	3
	CSIEB0040	Introduction to Computer Programming (II)	3
	CSIE33000	Network Programming Design	3
	CSIE41020	Programming Multimedia APPs for Mobile Platforms	3
Opto-Electronic Engineering	OE__10390	Digital Design	3
	OE__10350	Numerical analysis and calculation for Opto-electronics	3

	OE__10400	Electro-Optical Engineering Digital Drawing	3
Information Management	IM__11200	Program Design	3
	IM__11300	Advanced Program Design	3
Bachelor Degree Program of Data Science	DS__10000	Introduction to Computer Programming (I)	3
	DS__10030	Introduction to Computer Programming (II)	3
College of Science and Engine	SE__11130	Stock investment analysis and programming	3
College of Huilan	TCAI50040	Introduction to Programming (C++)	3
Information Management	IM__11200	Program Design	3
	IM__11300	Advanced Program Design	3
	IM__33100	Advanced Program Design	3
	IM__33400	Advanced Program Design	3
	IM__30700	Advanced Program Design	3
Bachelor Program of Accounting and Information Management(International Program)	ACIM10020	Introduction to Computer Programming (I)	3
Bachelor Program of Digital Marketing and Service Innovation	DMSI10010	Introduction to Computer Programming (I)	3
Department of Finance	FIN_21040	Introduction to Big Data	3
	FIN_20000	Financial Software and Applications	3
Natural Resources and Environmental Studies	NRES__20230	Fundamental Computer Programing-R Language	3
Department of Education and Human Potentials Development	CDPD32520	Computational Thinking and Creative Problem Solving	2
Department of Economics	EC__22050	Introduction to Big Data Analytics	3

※ Note: If students use professional courses offered by their department to fulfill the Information Literacy domain requirement, the recognized courses shall not be counted toward General Education credits. Students must complete additional General Education credits after the credit recognition to satisfy the overall General Education graduation requirements.