

115學年度 第1學期 校內課程及Coursera課程對應清單(2026.05.26)											
學院 College	學系 Department	課程碼 Course No.	課程名稱 Course Name	學分	必修/選修	負責教師 Instructor	教師E-mail Email of Instructor	Coursera 對應課程	Coursera課程名稱	開課單位 University/Industry Partner Name	連結網址Course URL
工學院	工科系	E935100	綠色能源與材料	3	選修	黃朝偉	huangcw@gs.ncku.edu.tw	1	Introduction to Materials Science	Arizona State University	https://www.coursera.org/learn/introduction-to-materials-science
								2	Renewable Energy Technology Fundamentals	University of Colorado Boulder	https://www.coursera.org/learn/renewable-energy-technology-fundamentals
								3	Energy Harvesting	Sungkyunkwan University	https://www.coursera.org/learn/energy-harvesting
	資源工程學系	N482800	材料力學和工程數學的結合	3	選修	黃璟勝	cshuang617@gs.ncku.edu.tw	1	Mechanics of Materials I: Fundamentals of Stress & Strain and Axial Loading	Georgia Institute of Technology	https://www.coursera.org/learn/mechanics-1
								2	Mechanics of Materials III: Beam Bending	Georgia Institute of Technology	https://www.coursera.org/learn/beam-bending
	航空太空工程學系	F433800	飛行力學基礎	1	選修	陳昱達	z11308024@ncku.edu.tw	1	Fundamentals of Flight mechanics	ISAE-SUPAERO	https://www.coursera.org/specializations/flight-mechanics-fundamentals
	能源工程國際學士學位學程	F032300	能源與環境	1	選修	陳昱達	z11308024@ncku.edu.tw	1	Energy and Environment	Dartmouth College	https://www.coursera.org/learn/energy-and-environment
	水利系	E817500	計算機程式	2	選修	蔡文柄	wptsai@gs.ncku.edu.tw	1	Introduction to Data Science and scikit-learn in Python	LearnQuest	https://www.coursera.org/learn/data-science-and-scikit-learn-in-python
								2	Python for Data Science, AI & Development	IBM	https://www.coursera.org/learn/python-for-applied-data-science-ai
								3	Data Analysis with Python	IBM	https://www.coursera.org/learn/data-analysis-with-python
4								Data Visualization with Python	IBM	https://www.coursera.org/learn/python-for-data-visualization	
E817400		計算機概論	2	選修	陳佳琳	jialinchen ps@gs.ncku.edu.tw	1	MATLAB Programming for Engineers and Scientists	Vanderbilt University	https://www.coursera.org/specializations/matlab-programming-engineers-scientists	
環境工程學系		F534100	Python數據產品在預測分析之應用	2	選修	張智華	chihhua@mail.ncku.edu.tw	1	Basic Data Processing and Visualization	UC San Diego	https://www.coursera.org/learn/basic-data-processing-visualization-python-data-products-for-predictive-analytics
								2	Design Thinking and Predictive Analytics for Data Products	UC San Diego	https://www.coursera.org/learn/design-thinking-predictive-analytics-data-products?specialization=python-data-products-for-predictive-analytics
	3							Meaningful Predictive Modeling	UC San Diego	https://www.coursera.org/learn/meaningful-predictive-modeling?specialization=python-data-products-for-predictive-analytics	
	4							Deploying Machine Learning Models	UC San Diego	https://www.coursera.org/learn/deploying-machine-learning-models?specialization=python-data-products-for-predictive-analytics	
電機資訊學院	電機系	網宇安全導論	2	選修	劉奕賢	ihliu@cans.ee.ncku.edu.tw	1	Security Principles	ISC2	https://www.coursera.org/learn/security-principles	
							2	Incident Response, BC, and DR Concepts	ISC2	https://www.coursera.org/learn/incident-response-bc-and-dr-concepts	
							3	Access Control Concepts	ISC2	https://www.coursera.org/learn/access-control-concepts	
							4	Network Security	ISC2	https://www.coursera.org/learn/network-security	
							5	Security Operations	ISC2	https://www.coursera.org/learn/security-operations	
							6	Introduction to Cybersecurity Essentials	IBM	https://www.coursera.org/learn/introduction-to-cybersecurity-essentials	
	E238500	電腦與網路安全導論	2	選修	蔡邦維	pwsai@ee.ncku.edu.tw	1	Security Concepts and Practices	ISC2	https://www.coursera.org/learn/security-concepts-and-practices?specialization=sscp-training	
							2	Access Control	ISC2	https://www.coursera.org/learn/access-controls?specialization=sscp-training	
							3	Risk Identification, Monitoring, and Analysis	ISC2	https://www.coursera.org/learn/risk-identification-monitoring-and-analysis?specialization=sscp-training	
							4	Incident Response and Recovery	ISC2	https://www.coursera.org/learn/incident-response-and-recovery?specialization=sscp-training	
							5	Cryptography	ISC2	https://www.coursera.org/learn/cryptography?specialization=sscp-training	
							6	Network and Communications Security	ISC2	https://www.coursera.org/learn/network-and-communications-security?specialization=sscp-training	
							7	Systems and Application Security	ISC2	https://www.coursera.org/learn/systems-and-application-security?specialization=sscp-training	

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電機資訊學院	資訊工程學系	F724100	機器學習II: 非監督式學習	1	選修	許舒適	shhsu@gs.ncku.edu.tw	1	Unsupervised Algorithms in Machine Learning	University of Colorado Boulder	https://www.coursera.org/learn/unsupervised-algorithms-in-machine-learning
		F724200	集成卷積神經網路	1	選修	許舒適	shhsu@gs.ncku.edu.tw	1	Convolutional Neural Networks	DeepLearning.AI	https://www.coursera.org/learn/convolutional-neural-networks
		F725200	資料視覺化與探所	2	選修	詹慧伶	lyngen@gmail.com	1 2	Applied Plotting, Charting & Data Representation in Python Go Beyond the Numbers: Translate Data into Insights	University of Michigan Google	Applied Plotting, Charting & Data Representation in Python Coursera https://www.coursera.org/learn/go-beyond-the-numbers-translate-data-into-insight
理學院	物理學系	C233900	天體生物學：探索地外世界	1	選修	李君樂	lilirayhk@phys.ncku.edu.tw	1	Astrobiology: Exploring Other Worlds	The University of Arizona	https://www.coursera.org/learn/astrobiology-exploring-other-worlds
管理學院	會計學系	H122600	區塊鏈與去中心化金融	2	選修	劉梧桐	pauliu@gs.ncku.edu.tw	1	Blockchain: Foundations and Use Cases	ConsensSys Academy	https://www.coursera.org/learn/blockchain-foundations-and-use-cases
								2	Decentralized Finance (DeFi) Infrastructure	Duke University	https://www.coursera.org/learn/decentralized-finance-infrastructure-duke
								3	Decentralized Finance (DeFi) Primitives	Duke University	https://www.coursera.org/learn/decentralized-finance-primitives-duke
								4	Decentralized Finance (DeFi) Deep Dive	Duke University	https://www.coursera.org/learn/decentralized-finance-deep-dive-duke
								5	Decentralized Finance (DeFi) Opportunities and Risks	Duke University	https://www.coursera.org/learn/decentralized-finance-opportunities-and-risk-duke
		H123000	企業併購財務會計	3	選修	劉梧桐	pauliu@gs.ncku.edu.tw	1	Finance of Mergers and Acquisitions: Valuation and Pricing	University of Illinois at Urbana-Champaign	https://www.coursera.org/learn/mergers-acquisitions-valuation-pricing
								2	Finance of Mergers and Acquisitions: Designing an M&A Deal	University of Illinois at Urbana-Champaign	https://www.coursera.org/learn/mergers-acquisitions-ma-deal
								3	Accounting for Mergers and Acquisitions: Foundations	University of Illinois at Urbana-Champaign	https://www.coursera.org/learn/accounting-for-ma-1
								4	Accounting for Mergers and Acquisitions: Advanced Topics	University of Illinois at Urbana-Champaign	https://www.coursera.org/learn/accounting-for-ma-2
		H123300	AI思維與財會應用	3	選修	劉梧桐	pauliu@gs.ncku.edu.tw	1	AI Essentials	Saïd Business School, University of Oxford	https://www.coursera.org/learn/oxford-ai-essentials
								2	AI Governance	Saïd Business School, University of Oxford	https://www.coursera.org/learn/ai-governance
								3	Generative and Agentic AI	Saïd Business School, University of Oxford	https://www.coursera.org/learn/generative-and-agentic-ai
								4	AI Automation with Claude	Advancing Women in Tech, Anthropic	https://www.coursera.org/learn/ai-for-everyone-ai-automation-with-claude
								5	AI Collaboration with Claude	Advancing Women in Tech, Anthropic	https://www.coursera.org/learn/ai-for-everyone-ai-collaboration-with-claude
								6	AI Fundamentals with Claude	Advancing Women in Tech, Anthropic	https://www.coursera.org/learn/ai-for-everyone-ai-fundamentals-with-claude
								7	Generative AI Essentials for Finance and Accounting	Edureka	https://www.coursera.org/learn/generative-ai-essentials-for-finance-and-accounting
								8	Modern Financial Operations(FinOps) with Generative AI	Edureka	https://www.coursera.org/learn/modern-financial-operations-with-generative-ai
								9	Financial Automation with Generative AI	Edureka	https://www.coursera.org/learn/financial-automation-with-generative-ai
		H123400	永續資訊與資本市場應用	3	選修	劉梧桐	pauliu@gs.ncku.edu.tw	1	ESG Investing: Setting Standards & Conducting Analysis	Interactive Brokers	https://www.coursera.org/learn/esg-investing-setting-standards-conducting-analysis
								2	ESG Investing: Industry Impacts & Transformations	Interactive Brokers	https://www.coursera.org/learn/esg-investing-industry-impacts-transformations
								3	ESG-focused Financial Products	Interactive Brokers	https://www.coursera.org/learn/esg-focused-financial-products
								4	ESG Data & Accountability	Interactive Brokers	https://www.coursera.org/learn/esg-data-and-accountability
		H122900	計算思維與商業分析	3	選修	吳思蓉	sjwu12@ncku.edu.tw	1	Problem Solving Using Computational Thinking	University of Michigan	https://www.coursera.org/learn/comptinking
2	Introduction to Business Analytics: Communicating with Data							University of Illinois Urbana-Champaign	https://www.coursera.org/learn/intro-business-analytics		
3	Tools for Exploratory Data Analysis in Business							University of Illinois at Urbana-Champaign	https://www.coursera.org/learn/tools-exploratory-data-analysis-business		
4	Applying Data Analytics in Accounting							University of Illinois at Urbana-Champaign	https://www.coursera.org/learn/applying-data-analytics-accounting		

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管理學院	企業管理學系	H424000	生成式AI策略與應用	3	選修	江宣怡	Syuan.yi.jiang@gs.ncku.edu.tw	1	AI Concepts and Strategy	Rutgers the State University of New Jersey	https://www.coursera.org/programs/faculty-learning-program-lu7sz/learn/ai-strategy?source=search
								2	Generative AI in Software Development	Amazon	https://www.coursera.org/programs/faculty-learning-program-lu7sz/learn/generative-ai-in-software-development?source=search
								3	Generative AI with Large Language Models	DeepLearning.AI	https://www.coursera.org/programs/faculty-learning-program-lu7sz/learn/generative-ai-with-llms?source=search
								4	Generative AI: Supercharge Your Product Management Career	SkillUp EdTech	https://www.coursera.org/programs/faculty-learning-program-lu7sz/learn/generative-ai-supercharge-your-product-management-career?source=search
		H444900	策略分析與管理	3	選修	江宣怡	Syuan.yi.jiang@gs.ncku.edu.tw	1	Foundations of Strategy	IE Business School	https://www.coursera.org/programs/faculty-learning-program-lu7sz/learn/foundations-of-strategy-ie-business-school?source=search
								2	Business Strategy	University of Illinois Urbana-Champaign	https://www.coursera.org/programs/faculty-learning-program-lu7sz/learn/strategy-business?source=search
								3	Introduction to Data Analytics for Business	University of Colorado Boulder	https://www.coursera.org/programs/faculty-learning-program-lu7sz/learn/data-analytics-business?source=search
								4	Brand Management: Aligning Business, Brand and Behaviour	University of London	https://www.coursera.org/programs/faculty-learning-program-lu7sz/learn/brand?source=search
		H424100	成本與管理會計	3	選修	蕭惠慈	huiyhsiao@gs.ncku.edu.tw	1	Managerial Accounting Fundamentals	University of Virginia	https://www.coursera.org/learn/uva-darden-managerial-accounting
								2	Cost and Economics in Pricing Strategy	University of Virginia	https://www.coursera.org/learn/uva-darden-bcg-pricing-cost-economics
								3	Managerial Accounting: Cost Behaviors, Systems, and Analysis	University of Illinois at Urbana-Champaign	https://www.coursera.org/learn/accounting-for-managers
								4	Managerial Accounting: Tools for Facilitating and Guiding Business Decisions	University of Illinois at Urbana-Champaign	https://www.coursera.org/learn/managerial-accounting-business-decisions
		H424200	企業與資安-數位時代的資安思維與風險管理	3	選修	林佑鴻	z10902010@email.ncku.edu.tw	1	Introduction to Cybersecurity for Business	University of Colorado System	https://www.coursera.org/learn/intro-cyber-security-business
								2	Cybersecurity Policy Foundations	Infosec	https://www.coursera.org/learn/cybersecurity-policy-foundations
								3	Cybersecurity: Protecting your Information at Home	Kennesaw State University	https://www.coursera.org/learn/csaf-protecting-your-information-at-home
								4	The Business of Cybersecurity Capstone	Kennesaw State University	https://www.coursera.org/learn/business-of-cybersecurity-capstone
								5	Cybersecurity Foundations for Risk Management	Kennesaw State University	https://www.coursera.org/learn/cybersecurity-foundations-for-risk-management
								6	Becoming a Cybersecurity Consultant	EIT Digital	https://www.coursera.org/learn/becoming-a-cybersecurity-consultant
		H424300	企業管理中的AI應用與倫理實踐	3	選修	林佑鴻	z10902010@email.ncku.edu.tw	1	Data Ethics, AI and Responsible Innovation	The University of Edinburgh	https://www.coursera.org/learn/data-ethics-ai-and-responsible-innovation
								2	AI Ethics, Responsible Use, and Creativity	University of Michigan	https://www.coursera.org/learn/ai-ethics-responsible-use-and-creativity
								3	Ethics of Artificial Intelligence	Politecnico di Milano	https://www.coursera.org/learn/ethics-of-artificial-intelligence
								4	Generative AI: Impact, Considerations, and Ethical Issues	IBM	https://www.coursera.org/learn/generative-ai-ethical-considerations-and-implications
								5	AI Ethics in Business	Rutgers the State University of New Jersey	https://www.coursera.org/learn/ai-ethics-business
								6	Generative AI: Elevate your Business Intelligence Career	SkillUp EdTech	https://www.coursera.org/learn/generative-ai-elevate-your-business-intelligence-career
社會科學院	心理系	D823600	神經造影之基礎神經科學	1	選修	龔俊蕓	chunkung@mail.ncku.edu.tw	1	Fundamental Neuroscience for Neuroimaging	Johns Hopkins University	https://www.coursera.org/learn/neuroscience-neuroimaging
		D823710	功能性磁共振造影之原則 (1)	1	選修	龔俊蕓	chunkung@mail.ncku.edu.tw	1	Principles of fMRI 1	Johns Hopkins University	https://www.coursera.org/learn/functional-mri
		D823720	功能性磁共振造影之原則 (2)	1	選修	龔俊蕓	chunkung@mail.ncku.edu.tw	1	Principles of fMRI 2	Johns Hopkins University	https://www.coursera.org/learn/functional-mri-2

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社會科學院	經濟系	D522900	基礎氣候變遷經濟與財務分析	2	選修	李耀宇	d12786@gmail.com	1	Science and Engineering of Climate Change	EDHEC Business School	https://www.coursera.org/programs/112-2-d522900-ji-chu-qi-hou-bian-qian-jing-ji-yu-cai-wu-fen-xi-c9h99/learn/science-and-engineering-of-climate-change?rll=rlt=FORCR
								2	Economics and Policies of Climate Change	EDHEC Business School	https://www.coursera.org/programs/112-2-d522900-ji-chu-qi-hou-bian-qian-jing-ji-yu-cai-wu-fen-xi-c9h99/learn/economics-and-policies-of-climate-change?rll=rlt=FORCR
								3	The Finance of Climate Change	EDHEC Business School	https://www.coursera.org/programs/112-2-d522900-ji-chu-qi-hou-bian-qian-jing-ji-yu-cai-wu-fen-xi-c9h99/learn/the-finance-of-climate-change?collectionId=FORCR
								4	Climate Aware Investing	EDHEC Business School	https://www.coursera.org/programs/112-2-d522900-ji-chu-qi-hou-bian-qian-jing-ji-yu-cai-wu-fen-xi-c9h99/learn/climate-aware-investing?collectionId=FORCR
	熱植所	Z353100	進階生物資訊分析方法之應用	1	選修	張文綺	9808022@gs.ncku.edu.tw	1	Bioinformatic Methods II	University of Toronto	https://www.coursera.org/learn/bioinformatic-methods-2?specialization=plant-bioinformatic-methods
								1	Comparing Genes, Proteins, and Genomes (Bioinformatics III)	University of California San Diego	https://www.coursera.org/learn/comparing-genomes
	生科產業系	C634400	比較基因體學與分子演化	2	選修	黃尹則	ythuangmyco@gs.ncku.edu.tw	2	Molecular Evolution (Bioinformatics IV)	University of California San Diego	https://www.coursera.org/learn/molecular-evolution
								1	Gut Check: Exploring Your Microbiome	University of California San Diego, University of Colorado Boulder	https://www.coursera.org/learn/microbiome
								1	基因與人類行為	University of Minnesota	https://www.coursera.org/learn/behavioralgenetic
								1	化學生物學	Korea Advanced Institute of Science and Technology(KAIST)	https://www.coursera.org/learn/energy-metabolism
	生命科學系	C527000	了解大腦：日常生活的神經生物學	2	選修	何盧勳	lsher@mail.ncku.edu.tw	1	Understanding the Brain: The Neurobiology of Everyday Life	The University of Chicago	https://www.coursera.org/learn/neurobiology
								1	Agriculture, Economics, and Nature	University of Western Australia	https://www.coursera.org/learn/agriculture-economics-nature
								1	AI and Public Health	DeepLearning.AI	https://www.coursera.org/learn/ai-and-public-health
								2	Data Science in Stratified Healthcare and Precision Medicine	The University of Edinburgh	https://www.coursera.org/learn/datascimed
醫學院	I324400	健康數據科學入門：AI、統計與精準醫療	2	選修	林韋伶	wling@gs.ncku.edu.tw	3	Introduction to Statistics & Data Analysis in Public Health	Imperial College London	https://www.coursera.org/learn/introduction-statistics-data-analysis-public-health	
							1	Introduction to Chemistry: Reactions and Ratios	Duke University	https://www.coursera.org/learn/intro-chemistry	
							2	Introduction to Chemistry: Structures and Solutions	Duke University	https://www.coursera.org/learn/basic-chemistry	
藥學系	I811700	普通化學特論	2	選修	熊彥傑	bear901704@gs.ncku.edu.tw	3	Introduction to Physical Chemistry	University of Manchester	https://www.coursera.org/learn/physical-chemistry	
							1	East Asian Religions & Ecology	Yale University	https://www.coursera.org/learn/east-asian-religions-ecology	
文學院	歷史學系	B32C600	東亞宗教與生態 圖像與文本之間：十九世紀日本的視覺與文學文化	1	選修	徐維里	phsu@gs.ncku.edu.tw	1	Words Spun Out of Images: Visual and Literary Culture in Nineteenth Century	The University of Tokyo	https://www.coursera.org/learn/visual-literary-culture-in-japan
								2	Greek and Roman Mythology	University of Pennsylvania	https://www.coursera.org/learn/mythology
	外國語文學系	B225100	希臘羅馬神話	1	選修	劉子瑜	Liu2192@gs.ncku.edu.tw	1	AI Basics and Tools for Creativity	University of Michigan	https://www.coursera.org/learn/ai-basics-and-tools-for-creativity
								2	Responsible AI: Transparency & Ethics	Coursera	https://www.coursera.org/learn/responsible-ai-transparency-ethics
								3	Using AI to Expand Creativity	University of Michigan	https://www.coursera.org/learn/using-ai-to-expand-creativity
4	AI Sound Generation for Business Communication	University of Michigan	https://www.coursera.org/learn/ai-sound-generation-for-business-communication								
5	AI Video Generation: A Comprehensive Guide	SkillsBooster Academy	https://www.coursera.org/learn/ai-video-generation-a-comprehensive-guide								

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非屬學院	全校永續跨域 國際碩士學位學程	W150800	機器學習基礎：案例研究導向	1	選修	張怡玲	iichang@mail.ncku.edu.tw	1	Machine Learning Foundations: A Case Study Approach	University of Washington	https://www.coursera.org/learn/ml-foundations
			幸福的科學	1	選修	黃紀菘	jungfit@mail.ncku.edu.tw	1	The Science of Well-Being for Teens	Yale University	https://www.coursera.org/learn/the-science-of-well-being-for-teens