Courses Taught in English in 2023-2024

College	Department	Course Name	Fall Semester	Spring Semester	Credit	Teaching Hour
Chinese Language Center	Chinese Language Center	Basic Mandarin (1)		✓	4	4
		Basic Mandarin (2)		✓	4	4
		Basic Mandarin (3)		✓	4	4
		Chinese for Business (CEFR A2)	✓		2	2
		Chinese for Business (CEFR B1)		✓	2	2
		Intermediate Mandarin (1)		✓	4	4
		Intermediate Mandarin (2)		✓	4	4
		Learning Chinese Through News (CEFR B2)		✓	2	2
		Mandarin (1)	✓	✓	2	2
		Mandarin (2)	✓	✓	2	2
		Mandarin (3)	✓	✓	2	2
		Mandarin (4)	✓	✓	2	2
		Mandarin Listening and Speaking (CEFR A2)	✓	✓	2	2
		Mandarin Listening and Speaking (CEFR B1)		✓	2	2
		Mandarin Listening and Speaking (CEFR B2)		✓	2	2
		Mandarin Pronunciation and Oral Expression (CEFR A2)	✓	✓	2	2
		Mandarin Reading and Writing (CEFR A2)		✓	2	2
		Mandarin Reading and Writing (CEFR B1)	✓	✓	2	2
		Mandarin Reading and Writing (CEFR B2)		✓	2	2
		Practical Chinese writing (CEFR B1)		✓	2	2
		Selected Readings in Business (CEFR B1)	✓		2	2
		Selected Readings in Modern Chinese Dramas (CEFR B2)		✓	2	2
		Selected Readings of Idiom Stories (CEFR B1)	✓		2	2
		Selected Readings of Stories about Ghosts, Foxes, Fairies, and Monsters (CEFR B2)		✓	2	2
International College of Sustainability Innovations	Master Program of Business Administration (MBA in Finance)	Accounting	✓	✓	3	3
		Artificial Intelligence	✓		3	3
		Big Data Analysis		✓	3	3
		Bond Markets and Trading Analysis	✓		3	3
		Business Ethics and Sustainable Development	✓	✓	1	1
		Calculus	✓		3	3
		Consumer Behavior Research	✓		3	3
		Economics	✓		3	3
		Entrepreneurship and New Service Management		✓	3	3
		Financial Management	✓		3	3
		Financial Statement Analysis	✓		3	3
		Financial Time Series Analysis		✓	3	3
		Green Environmental Management	✓		3	3
		Human Resource Management		✓	3	3
		Innovation Management		✓	3	3
		International Business Internship		✓	3	3
		International Finance		✓	3	3
		International Financial Management		✓	3	3
		Investments		✓	3	3
		Management Information System	✓		3	3
		Operations Management	✓		3	3
		Options, Futures and Other Derivatives		✓	3	3
		Organization Theory and Behavior		✓	3	3
		Research Methodology		✓	3	3
		Seminar on Behavioral Finance		✓	3	3
		Seminar on Consumer Research		✓	3	3
		Seminar on Corporate Governance	✓		3	3
		Seminar on Financial Institutions Management	✓		3	3
		Seminar on Quality Management		✓	3	3
		Software Engineering		✓	3	3
		Statistics	✓	✓	3	3
		Strategy Management	✓		3	3
		Sustainability and ESG Data Analytics	✓		3	3
		The Literacy of Financial Ethics	✓	✓	1	1
		Theory of International Finance		✓	3	3
		Theory of International Trade		✓	3	3
		Thesis (Projects)	✓		0	2
	International Program on Urban Governance (IPUG)	Big Data Analysis		✓	3	3
		City Competitiveness and Urban Marketing		✓	3	3
		Data Mining	✓		3	3
		Decision-Making Theory and Analysis		✓	2	2
		Global Housing Policies	✓		2	2
		Globalisation and Geopolitics	✓		3	3
		Green Environmental Management	✓		3	3
		International Social Work	✓		3	3
		Machine Learning	✓		3	3
		Management Information System	✓		3	3
		Mobility and Urban Cultures		✓	3	3

Courses Taught in English in 2023-2024

College	Department	Course Name	Fall Semester	Spring Semester	Credit	Teaching Hour
International College of Sustainability Innovations	International Program on Urban Governance (IPUG)	Public Choice		✓	3	3
		Qualitative Research Methods		✓	2	2
		Quantitative Data Analysis	✓	✓	2	2
		Seminar on Urban Governance (1)	✓		2	2
		Seminar on Urban Governance (2)		✓	2	2
		Software Engineering		✓	3	3
		Spatiality and Meanings: The Critical Perspective on Space in Culture and Society	✓		3	3
		Sustainability and ESG Data Analytics	✓		3	3
		Sustainable and resilient cities		✓	2	2
		Sustainable Urban Tourism	✓		3	3
		The Practice of Geographic Information System	✓		3	3
		Theory and Practice of Governance	✓		2	2
		Thesis (Projects)	✓		0	2
		Topics in Urban Public Finance		✓	2	2
		Urban Environments and Human Experience		✓	3	3
		Urban Planning and Public Health	✓		2	2
		Urban sociology and community resilience	✓		3	3
	Master Program in Smart Healthcare Management (SHM)	Academic Writing		✓	3	3
		Big Data Analysis		✓	3	3
		Biostatistics	✓		2	2
		Biotech & medical industry strategy & decision analysis		✓	2	2
		Computer Programming		✓	3	3
		Data Mining	✓		3	3
		Financial Management	✓		3	3
		Healthcare Informatics	✓		3	3
		Innovation Management		✓	3	3
		International Social Work	✓		3	3
		Management Information System	✓		3	3
		Medical Data Analytics	✓		3	3
		Research Methodology	✓		3	3
		Smart Health Integrate Management		✓	3	3
		Smart Healthcare Management Seminar	✓		2	2
		Software Engineering		✓	3	3
		Strategy Management	✓		3	3
		Sustainability and ESG Data Analytics	✓		3	3
		Thesis (Projects)	✓		0	2
		Urban Planning and Public Health	✓		2	2
	Bachelor Program in Innovative Teaching Chinese as a Second Language (ITCSL)	Advanced Mandarin (1)	✓		4	4
		Advanced Mandarin (2)	✓		4	4
		Basic Mandarin (1)	✓	✓	4	4
		Basic Mandarin (2)	✓	✓	4	4
		Basic Mandarin (3)	✓	✓	4	4
		Chinese Community and Culture		✓	2	2
		Chinese Culture: Chinese Calligraphy	✓	✓	2	2
		Chinese for Business (CEFR A2)	✓		2	2
		Chinese for Business (CEFR B1)		✓	2	2
		Chinese Syntax		✓	2	2
		Exploring Chinese Characters (CEFR A2)	✓			
		High Intermediate Mandarin (1)	✓		4	4
		High Intermediate Mandarin (2)	✓		4	4
		History and Culture of Taiwan	✓		2	2
		Intermediate Mandarin (1)	✓	✓	4	4
		Intermediate Mandarin (2)	✓	✓	4	4
		Introduction to Chinese Language Teaching	✓	✓	2	2
		Introduction to International Sustainability and Innovation		✓	2	2
		Learning Chinese Through News (CEFR B2)		✓	2	2
		Mandarin Listening and Speaking (CEFR A2)	✓		2	2
		Mandarin Listening and Speaking (CEFR B1)		✓	2	2
		Mandarin Listening and Speaking (CEFR B2)	✓		2	2
		Mandarin Pronunciation and Oral Expression (CEFR A2)	✓	✓	2	2
		Mandarin pronunciation and oral expression (CEFR B1)	✓		2	2
		Mandarin Reading and Writing (CEFR A2)		✓	2	2
		Mandarin Reading and Writing (CEFR B1)	✓		2	2
		Mandarin Reading and Writing (CEFR B2)		✓	2	2
		Practical Chinese writing (CEFR B1)	✓		2	2
		Selected Readings in Business	✓		2	2
		Selected Readings in Modern Chinese Dramas (CEFR B2)	✓		2	2
		Selected Readings of Idiom Stories (CEFR B1)	✓	✓	2	2
		Selected Readings of Stories about Ghosts, Foxes, Fairies, and Monsters (CEFR B2)		✓	2	2

College	Department	Course Name	Fall Semester	Spring Semester	Credit	Teaching Hour
International College of Sustainability Innovations	Bachelor Program in Smart Sustainable Development and Management (SSDM)	Accounting	✓	✓	3	3
		Advanced International Real Estate Case Study	✓		2	2
		Alternative Human Habitat: Practice and Policy	✓		2	2
		Calculus	✓	✓	3	3
		Circular Economy & Sustainable Development	✓		3	3
		Climate Change and Extreme Weather		✓	3	3
		Computer Programming	✓		3	3
		Economics	✓	✓	3	3
		Financial Management	✓		3	3
		Financial Statement Analysis	✓		3	3
		Green Environmental Management	✓		3	3
		Introduction to International Sustainability and Innovation		✓	2	2
		Investments		✓	3	3
		Machine Learning		✓	3	3
		Python Programming		✓	3	3
		Real Estate Case Study		✓	2	2
		Statistics	✓	✓	3	3
		Sustainable Development and Management	✓		3	3
		Sustainable Energy Systems	✓		3	3
		Sustainable IT: Driving Environmental Responsibility	✓		3	3
		The Practice of Geographic Information System	✓		3	3
		Theory and Practice of Governance		✓	3	3
		World Cultures and Sustainable Development	✓		2	2
Center for General Education	Center for General Education	AI Application in Health Economics and Financial Management	✓		3	3
		Alternative Human Habitat: Practice and Policy		✓	2	2
		An Introduction to Slavic Languages and Cultures	✓	✓	2	2
		Applications of Computer Science in Our Daily Life		✓	2	2
		Basics of Digital Health Sciences		✓	3	3
		Climate Change and Extreme Weather		✓	3	3
		Climate Change and Sustainable Energy		✓	2	2
		European Union:Transnational Law and Policies	✓	✓	2	2
		Future Cities – the anthropological perspective	✓		2	2
		Introduction to Artificial Intelligence		✓	2	2
		Introduction to U.S. Police and Prosecutors	✓		2	2
		Law and Society		✓	2	2
		Media Practice and Creative Thinking		✓	2	2
		Natural Science and Contemporary World	✓	✓	2	2
		Operational Thinking and Computer Programming		✓	2	2
		Quo Vadis?-Walking Through European Cities		✓	2	2
		Real Estate Case Study		✓	2	2
		Social Networks and Contemporary Cities		✓	2	2
		Space and place-making under social dimension	✓		2	2
		Sports and Digital Health	✓		3	3
		Sustainable Development and Environment	✓		2	2
		Taxation and Life	✓		2	2
		The Appreciation of Western Classical Music		✓	2	2
		The European Capitals of Culture and Sustainability		✓	2	2
		Urban Tourism and Sustainability		✓	2	2
		World Cultures and Sustainable Development	✓		2	2
College of Business	Department of Business Administration	Accounting	✓	✓	3	3
		Bond Markets and Trading Analysis	✓		3	3
		Business Computer Programming	✓		3	3
		Business Ethics and Sustainable Development	✓	✓	1	1
		Calculus	✓	✓	3	3
		Consumer Behavior Research	✓		3	3
		Economics	✓	✓	3	3
		Entrepreneurship and New Service Management		✓	3	3
		Entrepreneurship and Venture Capital	✓	✓	3	3
		Financial Management	✓		3	3
		Financial Modeling and Valuation		✓	3	3
		Financial Statement Analysis	✓	✓	3	3
		Financial Time Series Analysis		✓	3	3
		Green Environmental Management	✓		3	3
		Human Resource Management	✓	✓	3	3
		Information Management		✓	3	3
		Innovation Management		✓	3	3
		International Finance		✓	3	3
		International Financial Management	✓	✓	3	3
		Introduction to Computer Science and Programming	✓	✓	2	2

College	Department	Course Name	Fall Semester	Spring Semester	Credit	Teaching Hour
College of Business	Department of Business Administration	Investments		✓	3	3
		Management Information System	✓		3	3
		Marketing Management	✓	✓	3	3
		Operations Management	✓	✓	3	3
		Options, Futures and Other Derivatives	✓	✓	3	3
		Organization Theory and Behavior	✓		3	3
		Research Methodology		✓	3	3
		Retail Management		✓	3	3
		Reviewing a Research Field	✓		3	3
		Seminar on Artificial Intelligence	✓		3	3
		Seminar on Behavioral Finance		✓	3	3
		Seminar on Consumer Research	✓	✓	3	3
		Seminar on Financial Institutions Management	✓		3	3
		Seminar on Information Technology Theory and Application		✓	3	3
		Seminar on International Human Resource Management	✓		3	3
		Seminar on Quality Management		✓	3	3
		Seminar on Real Estate	✓		3	3
		Statistics	✓		3	3
		Strategy Management	✓	✓	3	3
	Department of Accountancy	Accounting	✓	✓	3	3
		Accounting Information System		✓	3	3
		Auditing	✓		3	3
		Business Ethics and Sustainable Development		✓	1	1
		Business Management	✓		3	3
		Calculus	✓	✓	3	3
		Cost and Managerial Accounting	✓	✓	3	3
		Econometrics (II)		✓	3	3
		Economics	✓	✓	3	3
		English For Professional Accountancy		✓	2	2
		Introduction to Computer Science and Programming	✓	✓	2	2
		Python for Accounting Applications	✓		3	3
		Seminar on Topics in Empirical Accounting Research		✓	3	3
		Statistics	✓	✓	3	3
	Department of Statistics	Analysis of Variance		✓	3	3
		Applied Mathematics and Computing for Statistics	✓		3	3
		Business Ethics and Sustainable Development	✓	✓	1	1
		Business Management	✓		3	3
		Data Mining	✓		3	3
		Economics	✓	✓	3	3
		Introduction to Computer Science and Programming	✓	✓	2	2
		Introduction to Probability	✓		3	3
		Investment Analysis		✓	3	3
		Investments	✓		3	3
		Mathematical Statistics	✓		3	3
		Reliability Theory		✓	3	3
		Seminar	✓		0	2
		Statistical Inference		✓	3	3
		Statistics	✓	✓	3	3
	Department of Leisure and Sport	Adventure Education	✓		3	3
		Business Ethics and Sustainable Development	✓		1	1
		Calculus	✓	✓	3	3
		International Sport Governance and Politics	✓		3	3
		Introduction to Computer Science and Programming	✓	✓	2	2
		Leadership and Group Dynamics in Recreation		✓	3	3
		Outdoor Recreation	✓		3	3
		Sport and Society	✓		3	3
		Sport Development		✓	3	3
		Statistics	✓	✓	3	3
		Sustainable Urban Tourism	✓		3	3
	Department of Finance and Cooperative Management	Business Management	✓		3	3
		Calculus	✓	✓	3	3
		Economics	✓	✓	3	3
		Financial Data Analysis and Strategy for Projects		✓	3	3
		Financial Ethics	✓		2	2
		Financial Management	✓		3	3
		International Finance	✓		3	3
		International Financial Management		✓	3	3
		Introduction to Computer Science and Programming	✓	✓	2	2

College	Department	Course Name	Fall Semester	Spring Semester	Credit	Teaching Hour
College of Business	Department of Finance and Cooperative Management	Mathematics in Finance		✓	3	3
		Money and Banking		✓	3	3
		Risk Management and Insurance	✓		3	3
		Statistics	✓	✓	3	3
		Sustainable Finance		✓	2	2
		Theory of Insurance	✓	✓	3	3
	Graduate Institute of Information Management	Artificial Intelligence	✓		3	3
		Big Data Analysis		✓	3	3
		Cloud resource planning Practices	✓		3	3
		Communication in Business	✓		3	3
		E-Marketing	✓		3	3
		Seminar on Internet Consumer Behavior		✓	3	3
		Software Engineering		✓	3	3
		Sustainability and ESG Data Analytics	✓		3	3
	Graduate Institute of International Business	Business Ethics and Sustainable Development	✓		1	1
		International Human Resource Management	✓		3	3
		Theory of International Finance	✓	✓	3	3
		Theory of International Trade		✓	3	3
College of Public Affairs	Department of Public Administration and Policy	Climate Change and Sustainable Energy		✓	2	2
		Decision-Making Theory and Analysis		✓	2	2
		Global Political Economy and Public Policy	✓	✓	3	3
		Introduction to European Integration	✓	✓	2	2
		Introduction to International Politics		✓	2	2
		Professional English in Public Administration	✓	✓	2	2
		Seminar in Globalization and Public Administration	✓		2	2
	Department of Public Finance	Calculus	✓	✓	3	3
		Experimental Approach in Public Economics		✓	2	2
		International Trade Theory and Policy	✓		2	2
		Natural Resource Economics	✓	✓	2	2
		Public Choice		✓	3	3
		Social Security System and Policy (1)	✓		2	2
		Topics in Urban Public Finance		✓	2	2
	Department of Real Estate and Built Environment	Advance International Real Estate Case Study	✓		2	2
		Alternative Human Habitat: Practice and Policy	✓		2	2
		Calculus	✓	✓	3	3
		City Competitiveness and Urban Marketing		✓	3	3
		Global Housing Policies	✓		2	2
		Qualitative Analysis		✓	3	3
		Real Estate Case Study		✓	2	2
		Space and Place-making under Social Dimension	✓		2	2
College of Social Sciences	Department of Economics	Business Management	✓		3	3
		Calculus	✓	✓	3	3
		Demographic Change, Economic Growth and Economic Development		✓	3	3
		Econometrics (II)		✓	3	3
		Economic Forum II		✓	3	3
		Financial Management	✓		3	3
		Financial Market Analysis I		✓	3	3
		Game Theory	✓		3	3
		International Economics	✓	✓	2	2
		Machine Learning		✓	3	3
		Macroeconomics	✓	✓	3	3
		Microeconomics	✓	✓	3	3
		Money and Banking	✓		2	2
		Programming for Data Science I		✓	2	2
		Public Economics	✓		2	2
		Sociology		✓	3	3
		Sports Economics	✓	✓	3	3
		Statistics	✓	✓	3	3
	Department of Sociology	Business Management	✓		3	3
		Psychology		✓	3	3
		Research on Taiwan Society	✓		3	3
		Social Studies Global Lecture Series		✓	3	3
		Sociological Research and Thesis Writing	✓		3	3
		Sociology of Gender		✓	3	3
		Urban sociology and community resilience	✓		3	3
	Department of Social Work	Comparative Social Policy		✓	3	3
		Human Behavior and Social Environment	✓		3	3
		International Social Work	✓		3	3
		Mental Health		✓	3	3
	Graduate School of Criminology	Introduction to U.S. Police and Prosecutors	✓		2	2
		Law and Society		✓	2	2

Courses Taught in English in 2023-2024

College	Department	Course Name	Fall Semester	Spring Semester	Credit	Teaching Hour
College of Electrical Engineering and Computer Science	Department of Electrical Engineering	Advanced Database System	✓		3	3
		Advanced Mask Technology in Semiconductor IC Manufacturing		✓	3	3
		Analog IC Design	✓		3	3
		Analysis and Layout of Mixed-Signal IC		✓	3	3
		Chip Inspection Technology		✓	3	3
		Computational Lithography Technology for Integrated Circuit Manufacturin	✓		3	3
		Control Systems		✓	3	3
		Deep Learning for Image Analysis	✓		3	3
		Design and Analysis of Fault-Tolerant Computer Systems	✓		3	3
		Design and Application of Intelligent Electronics	✓		3	3
		Design of Digital Integrated Circuits and Systems		✓	3	3
		Digital Control Systems	✓		3	3
		Digital System Laboratory		✓	1	3
		Digital Systems Design		✓	3	3
		Electromagnetic I	✓		3	3
		Electronic Circuits Lab. I	✓		1	3
		EUV Lithography Technology in Advanced Integrated Circuit Manufacturing	✓		3	3
		FPGA System Design	✓		3	3
		Fuzzy Control	✓		3	3
		High Level Synthesis of SoC FPGA Design	✓		3	3
		Implementation of Digital Content and Technologies	✓		3	3
		Intelligent Control		✓	3	3
		Machine Learning	✓		3	3
		Optoelectronic Devices and Microsensors		✓	3	3
		Practices in Digital Signal Processing		✓	3	3
		Semiconductor Device and Physics		✓	3	3
		Signals and Systems		✓	3	3
		Software Engineering	✓		3	3
		VLSI Technology	✓		3	3
	Department of Computer Science and Information Engineering	Advanced Algorithms	✓		3	3
		Advanced Computer Architectures	✓		3	3
		Advanced Computer Networks	✓		3	3
		Artificial Intelligence System Modeling and Analysis		✓	3	3
		Artificial Neural Networks and Deep Learning	✓		3	3
		Computer Vision		✓	3	3
		Data Mining	✓		3	3
		Digital System Laboratory	✓		1	3
		Digital Systems Design		✓	3	3
		Queueing Theory		✓	3	3
	Department of Communication Engineering	Digital Communications	✓		2	2
		Coding Theory		✓	3	3
		Queueing Theory		✓	3	3
		Wireless Communications		✓	3	3
College of Law	Law	Human Rights: Law and Advocacy	✓		2	2
		Introduction to American Labor Law	✓		2	2
		Legal English I	✓		2	2
		Legal English II		✓	2	2
		Seminar：International Law Moot Court I	✓		2	2
College of Humanities	Foreign Languages and Applied Linguistics	English Conversation	✓	✓	2	2
		English Conversation for Specific Purpose: Literature & Cultural Industries	✓	✓	2	2
		English Conversation for Specific Purpose: Oral Communications on News Topics	✓	✓	2	2
		English Conversation for Specific Purpose: Tourism English	✓	✓	2	2
		English Conversation for Specific Purposes: Business Conversation		✓	2	2
		English for Specific Purposes (ESP): Learning and Application		✓	2	2
		English Phonetics		✓	2	2
		English Speech	✓		3	3
		International Etiquette and Culture	✓	✓	2	2
		Introduction to Rhetoric		✓	2	2
		Learning Strategies and Language Learning		✓	2	2
		Semantics	✓		2	2
		Utopian Literature	✓		2	2