

English-taught Courses at National Changhua University of Education (Spring 2020-Fall 2021)

Field	Course	Credit	Term	College	Department/ Graduate Institute	Level
Education	Testing Practice in Counseling 測驗實務	3	Spring	Education	Guidance and Counseling	Undergraduate
	Theories of Counseling and Psychotherapy 諮商與心理治療理論	3	Fall/Spring	Education	Graduate Institute of Rehabilitation Counseling	Master
	Group Counseling 團體諮商	3	Spring			Master
	Technical Reading, Writing and Research Topics in Social Sciences-English 專業英文閱讀	2	Fall			Master
	Rehabilitation and Vocational Psychology 復健與職業心理學	3	Fall			Master
	Practice of Counseling & Psychotherapy 諮商與心理治療實務	3	Fall			Master
	Internship (A/B) 駐地實習	3	Fall/Spring			Master
	Ethics in Counseling 諮商倫理	3	Fall			Master
	Administration and Supervision of Rehabilitation Counseling 復健諮商行政與督導	3	Spring			Master
	Seminar on Creativity and Problem Solving 創造力與問題解決專題研究	3	Fall			Education

Science & Engineering	Display Device Physics 顯示元件物理	3	Spring	Engineering**	Mechatronics Engineering	Master/PhD
	Chinese-English translation 中英文翻譯	3	Fall			Master
	Numerical Analysis 數值分析	3	Fall			Undergraduate
	Research I 專題研討(上)	2	Fall			Master
	Research II 專題研討(下)	2	Spring			Master
	Seminar I 書報討論(一)	1	Fall	Engineering**	Graduate Institute of Communications Engineering	Master
	Seminar II 書報討論(二)	1	Spring			Master
	Programmable Logic Design 可程式邏輯設計	3	Spring	Engineering**	Computer Science and Information Engineering	Undergraduate
	Fast Prototype System Design 快速雛型系統設計	3	Fall			Master
	Plant Tissue Culture 植物組織培養學	2	Spring	Science	Biology	Undergraduate
	Introduction to Cellular Mechanisms of Signal Transduction 細胞訊息傳遞機制概論	2	Fall			Undergraduate
	Introduction to Cellular Mechanisms of Signal Transduction 細胞訊息傳遞資訊概論	2	Fall			Master
	Virology 病毒學	2	Fall			Master
	Special Topics on Neuroendocrinology I 神經內分泌專論(一)	2	Fall			Master
	Plant Tissue Culture Laboratory	1	Spring			Undergraduate

	植物組織培養學實驗					
	Special Topics on Thermoelectric I 熱電物理特論(一)	3	Fall	Science	Physics	Master/PhD
	Special Topics in Thermoelectric II 熱電物理特論(二)	3	Spring			Master/PhD
	Solid State Physics I 固態物理(一)	3	Fall			Master/PhD
	Solid State Physics II 固態物理(二)	3	Spring			Master/PhD
	Liquid-Crystal Optics 液晶光學	3	Spring			Master/PhD
	Statistical Mechanics I/II 統計力學(一)(二)	3	Fall/Spring			Master/PhD
	Classical Mechanics 古典力學	3	Spring			Master/PhD
	Quantum Mechanics I/II 量子力學(一)(二)	3	Fall/Spring			Master/PhD
	pecial Topics on X-ray Diffraction X 光繞射專題	3	Spring			Master/PhD
	Applications of Geometry and Topology in Physics 幾何與拓樸在物理中的應用	3	Spring			Master/PhD
	High Performance Computing 高效能計算	3	Fall			Master/PhD
	Computational Physics 計算物理	3	Fall			Master/PhD
	Physics Education Academic Writing I 物理教育論文寫作(一)	3	Fall			Master/PhD
	Relativity 相對論	3	Fall			Master/PhD
	Electrodynamics I/II	3	Fall/Spring			Master/PhD

	電動力學(一)(二) Introduction to Liquid Crystals 液晶導論	3	Fall	Science	Graduate Institute of Photonics	Master/PhD
	Design and Fabrication of Display Devices 顯示元件設計與製作	3	Spring			Master/PhD
	Physical Optics 物理光學	3	Spring			Master/PhD
Business & Management	Business Mathematics 商用數學	3	Fall/Spring	Management	Accounting	Undergraduate
	Financial Management 財務管理	3	Fall/Spring			Undergraduate
	The Principle of Economics I* 經濟學(一)	3	Fall			Undergraduate
	The Principle of Economics II* 經濟學(二)	3	Spring			Undergraduate
	Case Study in Finance 財務個案研究	3	Spring			Master
	Research Methodology in Accounting Study 會計研究方法	3	Fall			Master
	Introduction of Management 管理學	3	Fall			Undergraduate
	Seminar on Financial Management 財務管理研討	3	Fall			Master
	International Marketing 國際行銷	3	Spring	Management	Business Administration	Undergraduate
	American Government & Institutions 美國政府	3	Spring			Undergraduate
	Qualitative Research Method	3	Spring			Master

	質性研究方法					
	American History 美國歷史	3	Fall			Undergraduate
	Calculus I 微積分(一)	3	Fall			Undergraduate
	Quantitative Methods 數量方法	3	Spring			Master
	Presentation Skill 商業簡報技巧	3	Spring			Master
	Presentation Skill 商業簡報技巧	3	Fall			Master
	Research Writing 研究寫作	3	Fall			Master
	Service Management 服務行銷	3	Fall			Master
	Human Resource for Service 服務與人力資源	3	Fall			Master
	Financial Management 財務管理	3	Spring			Undergraduate
	International Marketing 國際行銷	3	Fall			Undergraduate
	International Human Resource Management 國際人力資源管理	3	Fall	Technology	Graduate Institute of Human Resource Management	Master
	Organization Development 組織發展	3	Spring			Master
Multi-culture	Foreign Policy Analysis 外交政策分析	2	Spring	Social Science and Physical Education	Public Affairs and Civic Education	Undergraduate
	Comparative Citizenship Education 比較公民教育	2	Fall/ Spring			Undergraduate
	Taiwanese Culture	2	Spring	General Education		Undergraduate

	台灣文化					
	Appreciation of Taiwan Literature 台灣文學欣賞	2	Spring			Undergraduate
Arts	Advanced English Writing I/II 高級英文寫作(一/二)	1	Spring/Fall	Arts	Graduate Institute of Children's English	Master
	Seminar in Children's Literature & Its Teaching Application 兒童英語讀物研究與教學應用	3	Fall			Master
	Computer-Assisted Language Learning 電腦輔助語言學習	3	Spring			Master
	Children Foreign Language Acquisition 兒童外語習得	3	Spring			Master
	Studies in Newbury Medal YAL 紐伯瑞青少年文學專題	3	Fall			Master
	Pronunciation Practice II (A/B)* 發音練習(二)B組	1	Spring	Arts	English	Undergraduate
	Basic Listening & Speaking Practice II (A/B)* 基礎聽講練習(二)B組	1	Spring			Undergraduate
	Basic Writing II (A) 基礎寫作(二)A組	2	Spring			Undergraduate
	Basic Writing II (B) 基礎寫作(二)B組	2	Spring			Undergraduate
	19th-Century British Novels 十九世紀英國小說	3	Spring			Master/PhD
	Bible Literature : the New Testament 聖經文學:新約	2	Spring			Undergraduate
	Intermediate Listening & Speaking Practice II (A) 中級聽講練習(二)A組	1	Spring			Undergraduate
	Intermediate Listening & Speaking	1	Spring			Undergraduate

Practice II (B) 中級聽講練習(二)B 組					
Intermediate Writing II (B) 中級寫作(二)B 組	2	Spring			Undergraduate
Journalistic English 新聞英文	2	Spring			Undergraduate
Spanish II 西班牙文(二)	2	Spring			Undergraduate
English speech (A) 英語演說 A 組	2	Spring			Undergraduate
English speech (B) 英語演說 B 組	2	Spring			Undergraduate
Academic English Writing (A) 學術英文寫作 A 組	2	Spring			Undergraduate
Academic English Writing (B) 學術英文寫作 B 組	2	Spring			Undergraduate
Teaching English as a Second/Foreign Language II 英語教學(二)	2	Spring			Undergraduate
English Teaching Practicum II 英語科教學實習(二)	2	Spring			Undergraduate
Seminar on Business English 商用英文書報討論	2	Fall			Undergraduate
Seminar on Business English 商用英文書報討論	2	Fall			Master
Advanced English Writing II 高級英文寫作(二)(語言組)	1	Spring			Master
Topics on Applied Linguistics 應用語言學專題	3	Spring			Master
Second Language Acquisition 第二語言習得	3	Spring			Master

Topics in English Teaching 英語教學專題:寫作教學研究	3	Spring			Master
Discourse Analysis 言談分析	3	Spring			Master
Curriculum Design and Classroom Evaluation 課程設計與課室評量	3	Spring			Master
Studies in Contemporary British Literature 英國近代文學專題	3	Fall			Master
Anglo-American Literary Genres 英美文類發展	3	Fall			Master
Seminar on ESP Instruction 特殊目的英語教學專題討論	3	Fall			PhD
International Conferences and English Presentation 國際會議與英文簡報	2	Spring			Undergraduate
History of British Literature (IV) 英國文學史(四)	2	Spring			Undergraduate
Spanish I 西班牙文(一)	2	Fall			Undergraduate
Spanish (II) 西班牙文(二)	2	Spring			Undergraduate
English Conversation A 英語會話 A 組	2	Fall			Undergraduate
English Conversation B 英語會話 B 組	2	Fall			Undergraduate
Advanced Writing Practice A 高級寫作練習 A 組	2	Fall			Undergraduate
Advanced Writing Practice B 高級寫作練習 B 組	2	Fall			Undergraduate

Pronunciation Practice I (B) 發音練習(一)B組	1	Fall			Undergraduate
Pronunciation Practice I (A) 發音練習(一)A組	1	Fall			Undergraduate
Basic Listening & Speaking Practice I (B) 基礎聽講練習(一)B組	1	Fall			Undergraduate
Basic Listening & Speaking Practice I (A) 基礎聽講練習(一)A組	1	Fall			Undergraduate
Basic Writing I 基礎寫作(一)A/B組	2	Fall			Undergraduate
Guidance in Reading (A/B) 閱讀指導 A/B組	2	Fall			Undergraduate
Intermediate Listening & Speaking Practice I (B) 中級聽講練習(一)B組	1	Fall			Undergraduate
Intermediate Listening & Speaking Practice I (A) 中級聽講練習(一)A組	1	Fall			Undergraduate
English Phonetics 英語語音學	3	Fall			Undergraduate
Intermediate Writing I (A) 中級寫作(一)A組	2	Fall			Undergraduate
Research Method 研究方法	2	Fall			Undergraduate
Discussion & Debate (A) 討論與辯論 A組	2	Fall			Undergraduate
Discussion & Debate (B) 討論與辯論 B組	2	Fall			Undergraduate
Tourism English 觀光英文	2	Spring			Undergraduate
English Teaching Application and	2	Fall			Undergraduate

Practice 英語科教學應用與實作					
Methods & Materials for English Teaching (II) 英語科教材教法(二)	2	Spring			Undergraduate
English Teaching Practicum I/II 英語科教學實習(一)(二)	2	Fall/Spring			Undergraduate
Topics in TEFL I 英語教學專題(一)	3	Fall			Undergraduate
Nineteen-century British Cultures (Plays) 十九世紀英國文學	3	Fall			Master/PhD
Bibliography & Research Methods (Linguistics Section) 書目學及研究方法(語言組)	3	Fall			Master
Bibliography & Research Methods (Literature Section) 書目學及研究方法(文學組)	3	Fall			Master
Seminar in English Renaissance Literature 英國文藝復興文學專題	3	Fall			Master
Topics on Theoretical Linguistics 理論語言學專題	3	Fall			Master
Studies in Listening Instruction 聽力教學法研究	3	Fall			Master
English Debate 英語辯論	2	Fall			Master
Research Methods in English Education 英語教育研究法	3	Fall			Master
Culture Study 文化研究	3	Spring			Master/PhD

Advanced Academic Writing 高級學術論文寫作甲組	2	Fall			PhD
Topics in Language Learning 語言學習專題	3	Fall			PhD
Topics in Language Teaching 語言教學專題	3	Spring			PhD
British and American Literature Professional Core Course I/II 英美文學核心專業課程(一/二)	3	Spring/Fall			PhD
Literary Theory Professional Core Course I/II 文學理論核心專業課程(一/二)	3	Spring/Fall			PhD
Testing & Evaluation in Language Education 語言教學測驗與評量	3	Spring			Undergraduate
English Dramas Produces and Performances 戲劇製作與公演	2	Spring			Undergraduate
English Course Development 英語課程發展	2	Spring			Undergraduate
Seminar on Political Aesthetics 政治美學專題	3	Fall			PhD
Studies on Applied Linguistics 應用語言學專題研究	3	Spring			PhD
Topics on Shakespeare: Tragedy 莎士比亞專題:悲劇	3	Fall			PhD
Topics in TEFL II 英語教學專題(2)	3	Fall			Master
Topics in Reading Research 閱讀專題研究	3	Fall			Master
Studies in Reading Instruction	3	Fall			Master

	閱讀教學研究				
	Advanced English Writing I (Linguistics Section) 高級英文寫作(一)	1	Fall		Master
	Shakespeare: Comedy 莎士比亞:喜劇	2	Fall		Undergraduate
English (required for all students)	English for Tourism 旅遊英文	2	Fall/Spring	Advanced English (Minimum of 2 credits required)	Undergraduate
	News English 時事英文	2	Spring		Undergraduate
	Oral English Communication and Presentation 英語口語溝通與表達	2	Fall		Undergraduate
	English Listening Strategies 英文聽力技巧養成	2	Spring		Undergraduate
	English I* 管院初級英文(一)	2	Fall	All Colleges	Undergraduate
	English I* 理院中級英文(一)	2	Fall		Undergraduate
	English I* 文院高級英文(一)	2	Fall		Undergraduate
	English II* 理院中級英文(二)	2	Spring		Undergraduate
	English II* 文院高級英文(二)	2	Spring		Undergraduate

Note: The English taught courses are not limited to this list. The International Office may negotiate courses and options that meet students' needs.

* Please contact your College/Department for more classes of the same subject.

** Please refer to the table below for courses in the International Master Program in Engineering.

International Master of Science in College of Engineering

Internet of Things & Integrated Circuits for Communication

Fundamental Courses				
Wireless Communication	AIoT	Digital Signal Processing	Scientific & Technical English Writing	Seminar I, II

Advanced Courses	
Advanced Electromagnetic Theory	Optoelectronics & Photonics
Microwave Engineering	Optoelectronic Semiconductor Devices
Microwave Integrated Circuit Design	VLSI Design
Analog Integrated Circuit Design	IC Test Technologies
Fast Prototype System Design	

Smart Manufacture & Artificial Intelligence

Fundamental Courses					
Semiconductor Processes	Optoelectronic Semiconductor Materials & Physics	Introduction to Flat Panel Display I	Display Device Physics	Scientific & Technical English Writing	Seminar I, II

Advanced Courses		
Nano- & Microelectromechanical System	Introduction to Flat Panel Display II	Artificial Intelligence
Nano- & Microfabrication	Photolithography & Etching	Neural Network Acceleration
Smart Machinery	Reliability Engineering I	Fuzzy Theory
	Reliability Engineering II	

Accredited Chinese Courses for the Academic Year 2021/2022

Language Center, National Changhua University of Education

Course Title	Credit	Hour	Classroom	Target Student	Compulsory /Elective
Chinese Communication in Context I	3	3	Distant learning with Google Meet	Students who have never learned Chinese before or have learned Pinyin system	Elective
Elementary Chinese Listening & Speaking I			Language Center	Students who have learned Chinese for 1 years to 2 years	
Intermediate Chinese Reading & Writing I				Students who have learned Chinese for more than 2 years	
Chinese Communication in Context II			Distant learning with Google Meet	Students who have never learned Chinese before or have learned Pinyin system	
Elementary Chinese Listening & Speaking II			Language Center	Students who have learned Chinese for 1 years to 2 years	
Intermediate Current Affairs in Chinese II				Students who have learned Chinese for More than 2 years	

1. The Chinese Learning Program offers accredited courses available only for current international students, oversea Chinese students and exchange students at National Changhua University of Education.
2. These courses are accredited by NCUE; however, the students' departments may decide whether these credits count as credits to graduate.
3. Undergraduate international students and oversea Chinese students whose native language or second language is not Chinese should take Chinese courses appropriate for their levels under the evaluation of the NCUE language Center. The Chinese courses required by the General Education Center may be waived by such courses.
4. For complete course information at the Language Center, please visit: http://lcch.ncue.edu.tw/menu_curriculum?lang=en