

國立中正大學學士班課程大綱

Course Syllabus (Undergraduate Program)

National Chung Cheng University

課號 Course Code	1154345_01	全英文授課 EMI	☒ 是 ☐ 否
課程類別 Course Type	☒ 人文關懷課程(Humanistic Care Course) ☐ 競賽專題課程(Competition Specialized Course) ☒ 問題導向課程(Problem-Based Course) ☐ 專題導向課程(Project-Based Course) ☐ 總整課程(Capstone Course) ☐ 實作課程(Practical Course) ☐ 實習(Lab) ☐ 其他(Others)		
課程名稱 (中文) Chinese course Title	大腦與語言		
課程名稱 (英文) English course Title	Language and Brain		
學年/學期 Academic year/ Semester	114 學年度第 1 學期	學分 Credits	3
學系 (所) Department	外國語文學系	必/選修 Required/Selected	☐ 必修 ☒ 選修
上課時間 Class hours	每週二 16:10 ~ 19:00	上課地點 Classroom	R137
教師 Instructor	陳慧菁	教師 Email Instructor's Email	hc_chen@ccu.edu.tw
助教 Teaching Assistant		助教 Email TA's Email	
先修科目或先備能力 Prerequisites	NA		
課程概述 Course Descriptions	Humans are born with the ability to use language. While language processing seems effortless and easy, we often forget that it's actually a complex process requiring significant mental effort. In this class, we will explore how human beings use language. The course covers four key areas in psycholinguistics: language processing (speech perception, lexical processing, sentence processing, language production, etc.), experimental methods (experiments and basic statistics, etc.), brain-related research (brain anatomy, aphasia, related brain research, etc.), and language acquisition (first language acquisition, multilingual acquisition, and disordered language acquisition, including two guest lectures). We will be reading current research to understand these different areas. Attendance Policy: - A maximum of 6 hours of unexcused absences are allowed per semester. - Three instances of being 10 minutes late will count as one hour of absence. - After 6 hours of unexcused absences, 2 points will be deducted from your final grade for each additional hour of absence. - For emergencies or necessary absences, please inform the lecturer via email (hc_chen@ccu.edu.tw) and provide supporting documentation. Make-up exercise will be given ONLY to those with an official (medical) leave. Assessment and Grade Distribution (tentative): Attendance: 20%		

	Assignments: 30% Essay: 25% (The guideline is provided on the platform) Midterm: 25%
學習目標 Learning Objectives	This class explores the complexity of language processing through key research areas in psycholinguistics: language production, experimental methods, brain-related research, and language acquisition.
教科書及參考書 Textbooks and References	Language in Mind: An Introduction to Psycholinguistics by Julie Sedivy Second Edition (required chapters listed in syllabus); Additional readings (provided on the platform)
教學要點概述	
教材編選 Teaching Materials	☒ 自製簡報(ppt) ☐ 課程講義 ☐ 自編教科書 ☐ 教學程式 ☐ 自製教學影片 ☒ 其他
教學方法 Teaching Methods	☒ 講述 ☐ 小組討論 ☐ 學生口頭報告 ☒ 問題導向學習 ☐ 個案研究 ☐ 其他
評量工具 Evaluation Tools	☒ 期中考 ☐ 期末考 ☐ 隨堂測驗 ☐ 隨堂作業 ☒ 課後作業 ☐ 期中報告 ☒ 期末報告 ☐ 專題報告 ☐ 評量尺規 ☒ 其他
教學資源 Teaching Resources	☐ 課程網站 ☒ 教材電子檔供下載 ☐ 實習網站
教師相關訊息 Instructor's Information	www.chenhuiching.com Office hour: By appointment
每週課程內容 Weekly Scheduled Contents	
Week 1	Introduction
Week 2	Experiments method
Week 3	Experiments method
Week 4	Speech Perception (Mattys 2013)
Week 5	Lexical processing (C.7 Word Recognition)
Week 6	Sentence Processing (C.8 Understanding sentence structure and meaning)
Week 7	Brain and Language (Chapter 8 of Section 4 of the online textbook Neuroscience Online (University of Texas): https://nba.uth.tmc.edu/neuroscience/s4/chapter08.html (by Anthony Wright) Recalled to life: A neurologist's notebook Link: https://research.ebsco.com/c/zd6obb/viewer/html/2jzkky7f45)
Week 8	Review
Week 9	Midterm
Week 10	Language Acquisition (Jackendoff 1994: C.3 The argument for innate knowledge; C.6 Learning the structure of sentences)
Week 11	Language acquisition sound (C.4 Learning Sound patterns)
Week 12	Guest lecture (Dr. Rowena Garcia)- Time will be different than the scheduled class time
Week 13	Eye-tracking method (Including Lab Tour)
Week 14	Language production (C.9 Speaking from planning to articulation)
Week 15	Guest lecture (Dr. Liang Se Yuan)
Week 16	Bilingualism/Multilingualism (Essay due)
Week 17	
Week 18	

核心能力 Core Competency

核心能力 Core competency		本課程與核心能力關聯強度 Degrees of Related to Core Competence				
		1	2	3	4	5
專業能力 Specific Competency	(1) 溝通表達與語文能力 (Effective Communication and Language Skills)				V	
	(2) 經典作品解析能力 (Classics Comprehension and Analysis)				V	
	(3) 問題發掘與研究能力 (Problem-Solving and Research)					V
	(4) 創作與創新能力 (Creativity and Innovation)			V		
	(5) 科技應用能力與科技素養 (Technology Application and Literacy)			V		
	(6) 全球視野與多元文化認知能力 (Global Vision and Awareness of Cultural Diversity)				V	

註：關聯強度以五點量表標示，1 表示沒有關聯，5 表示非常有關聯。

與教育部職能診斷 UCAN 的關聯 (Relevance to UCAN of MOE)

☐ 建築營造 ☐ 製造 ☐ 科學、技術、工程、數學 ☐ 物流運輸 ☐ 天然資源 ☐ 食品與農業 ☐ 醫療保健
☒ 藝文與影音傳播 ☐ 資訊科技 ☐ 金融財務 ☐ 企業經營與管理 ☐ 行銷與銷售 ☐ 政府公共事務
☒ 教育與訓練 ☐ 個人及社會服務 ☐ 休閒與觀光旅遊 ☐ 司法、法律與公共安全