Macquarie University PREAPPROVED Linguistics courses
for UC San Diego Linguistics major and minor undergraduate students

July 29, 2021

Macquarie Course Code	Macquarie Course Title (with link to detailed Macquarie course description)	Brief Course Description (Check the link to Macquarie course description webpages for all the details; notice that courses are called "units" and sections "tutorials" in Australia)	Related UC San Diego Linguistics courses & recommendations
LING1111	**Language: Its Structure and Use**	This course examines how languages are structured and how people use language. Aspects of linguistic theory covered include study of sounds and sound systems (phonetics and phonology), the structure of words (morphology), and sentence patterns (syntax). Linguistic theory is presented with a focus on English, but students analyse data from a range of the world's languages. Other areas of linguistic study that are introduced include language in the brain, psycholinguistics and child language acquisition. Language use in everyday conversation is examined, along with issues such as language change, standardisation of language, concepts of linguistic 'correctness', and how different groups use language to express social and cultural identity. The course provides a thorough grounding for students wishing to further their knowledge of linguistics in higher-level courses.	• In place of LIGN 101 (core)
LING2213	**Australia's Indigenous languages**	This course aims to give students knowledge of the structure and use of Aboriginal and Torres Strait Islander languages within contemporary settings, as well as prior to European colonization. Students will study several specific Aboriginal languages in depth, as well as gaining a general knowledge of the linguistic prehistory of Australia, kinship and social organization, language and the land, multilingualism, language maintenance, language contact. Other topics to be covered include Aboriginal sign languages, Aboriginal song, Aboriginal conversation and narrative, language and the law, Aboriginal languages in Education and first language acquisition. Important ethical practices for conducting research with Aboriginal and Torres Strait communities will be a key focus throughout the course.	• Elective

LING2214	**Introduction to Psycholinguistics**	This course introduces a psychological perspective into the study of language. We explore models of the perceptual and cognitive processes that are involved in acquiring and using linguistic knowledge, considering evidence from typical language users and people with language disorders. Specific topics will be drawn from a set that includes: word recognition and understanding; sentence comprehension; language production; aphasia; first language acquisition, skilled reading and reading development, second language acquisition, bilingualism and multilingualism.	• Counts towards the Language and Development Disorders requirement for Speech and Language Sciences Major • Elective for other linguistics majors (in place of LIGN 170)
LING2217	**Introductory Phonetics and Phonology**	In this course we explore the incredible range of sounds that humans use to create language. We'll discuss how speech sounds are produced by the vocal mechanism, how different languages use different sets of sounds, and how speech sounds are structured in language. You'll learn about how speech gestures combine and overlap to generate sound that humans are uniquely able to interpret as sentences, words, syllables, consonants, and vowels. You'll learn how to use the International Phonetic Alphabet (IPA) to represent the sounds of the world's languages, and how to analyse sets of phonetic data to explore patterns of sound structure in language.	• In place of LIGN 110 (core)
LING2220	**Syntax**	This course is an introduction to syntactic theory from the perspective of Chomsky's Universal Grammar. It introduces important grammatical phenomena and demonstrates how these phenomena can be studied in a systematic theoretical manner. Students will learn about the grammatical principles that constitute human languages and acquire the ability to analyse phrases and sentences using these principles.	• In place of LIGN 121 (core)
LING3383	**Morpho-syntax: The Meaningful Components of Words**	This course examines the internal structure of words, taking a typological perspective on the world's languages. It considers the interface between morphology, syntax and phonological structure. Alternative theories of word formation will be critically compared and contrasted, especially in the light of the typological diversity vs. uniformity revealed by the world's 7000 languages.	• In place of LIGN 120 (core)

LING3384	**Child Language Acquisition: Morphology and Syntax**	This course is an introduction to current theories of child language acquisition, including the generative approach and usage-based approaches. The focus of the course is typically-developing children's acquisition of morphology and syntax, but we also discuss children with developmental language delay. Tutorials review online lecture content, test linguistic hypotheses by investigating transcript data from children's spontaneous speech, and discuss appropriate methodologies for evaluating knowledge of language in different populations of children. This course introduces foundational theoretical knowledge regarding child language development that is important for anyone wishing to do the Master of Speech and Language Pathology and work with children.	• Counts towards the Language and Development Disorders requirement for Speech and Language Sciences Major • Elective for other linguistics majors (In place of LIGN 119 or LIGN 171)
LING3385	**Second Language Teaching and Learning**	This course is intended as a general introduction to the sociolinguistics of second language teaching and learning. It focuses on contemporary social and pedagogical issues of second language teaching and learning in a linguistically-diverse world. In this unit, you will explore sociolinguistic themes on teaching and learning English as a second language. Learning activities will include expert lectures, online activities and interactive tutorials. Through this course, you will gain insights on second language teaching as a professional practice.	• Elective
LING3386	**Multilingualism**	This course focuses on many issues concerning bilingualism and multilingualism including: patterns of acquiring and losing bilingualism; bilingual language processing in both adults and children; linguistic/cognitive consequences of bilingualism/multilingualism; bilingualism/multilingualism in Australia, and Australian language policies and planning. The focus is on discussion of current controversies - for example, the critical age theory; input theories and 'competency'; and the cognitive advantage of bilingualism - based on readings and participants' experiences. It also includes workshopping of bilingual data. This course is useful for students familiar with bilingual or multilingual situations, or who have experience or plans to be involved in teaching, learning or using a second language, or working in a multicultural workplace.	• In place of LIGN 177 (elective)

LING3388	**Accessible and Inclusive Communication**	This course examines the impact of complex communication needs on a person's participation and inclusion in society. It explores theoretical models of multilingualism and disability, strategies to improve the communication outcomes of people with complex communication needs, and the facilitative role of communication partners. Students will engage in a work-integrated learning experience placement which may be undertaken across a range of sectors (e.g., government, not-for-profit, community-based organisations) and settings (e.g., disability policy, service planning or development, health promotion, advocacy, education, research). Students will complete a minimum of 50 hours during their placement. They will also engage with lecture and tutorial materials, which will provide theoretical knowledge and background information relevant to disadvantage and social justice, inclusion, and other social challenges. This course will foster an understanding of the theoretical and practical considerations related to accessible and inclusive communication, highlighting strategies that facilitate successful communication for people of diverse linguistic background or with complex needs in a variety of real-world situations.	• Recommended elective for Speech and Language Sciences Major (NB: the placement for this course will likely NOT count towards the ASHA shadowing hours requirement, which is required for entry to some postgraduate programs but can also be obtained in other Master's programs)
LING3390	**Phonological Analysis**	Phonology is the study of sound patterns in language - which sounds are used by different languages, how they are organized, and how sounds are represented in the mind. In this course we will examine phonological theory, phonological organisation of speech, acquisition of phonology and issues relevant to phonological disorders. Topics to be addressed include: variation in sound structure between languages (e.g., English and Indigenous Australian languages), the phonology of tone languages (such as Chinese), sound change, prosody (stress and rhythm in language), , and morphophonology. Our focus will be on phonological data analysis (i.e. logic puzzle solving) using two approaches: Rule-Based Phonology and Optimality Theory.	• In place of LIGN 111 (core)

LING3391	**Forensic Linguistics**	Forensic linguistics is a diverse, rapidly-growing field that applies linguistic knowledge and methods to the forensic context of law, language, crime investigation, and judicial procedure. This course covers the various sub-fields and issues of forensic linguistics, such as, key theoretical and methodological approaches within the field, the work of the forensic linguist, the sub-field of forensic phonetics including speaker identification and voice comparison, authorship attribution of written texts, the linguistic investigation of plagiarism, and the linguist as an expert witness. Key outcomes of the course are the ability to understand and describe basic concepts and theories in forensic linguistics, to demonstrate basic knowledge of a wide range of issues in forensic linguistics both in the national and international context. Students will have the opportunity to critically observe and linguistically describe relevant evidential data, as well as to analyse linguistic evidence in a scientific manner.	• Elective

Speech and Hearing Courses

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SPHL2212	**Introduction to Audiology**	This course aims to provide an introduction to audiological theory and practice. Topics include: fundamental concepts in aural anatomy and physiology; and an introduction to auditory disorders. Several areas of audiological practice are introduced, including; basic hearing assessment, paediatric audiology, and basic rehabilitative issues and procedures.	• In place of LING 113, recommended elective for Speech and Language Sciences Major (May satisfy intro to audiology and audiometry prerequisites for some AuD or SLP Master's programs)
SPHL2216	**Speech Acoustics**	Human speech makes use of the special acoustic properties of the vocal tract to generate the sounds of each language and to communicate them with an unlimited range of expression. In this course, we explore the acoustic properties of speech which make this possible, and acoustic theories of speech production which describe its linguistic use. Topics include: general acoustics, source-filter theory, acoustics of vowels and consonants, acoustic description of Australian English and sounds in other languages, voice quality, speech variation, coarticulation, and prosody. Practical exercises include analysis of your own vowel space.	• In place of LIGN 110 (core)

SPHL3300	**Language as Evidence**	In this course, you will integrate material covered in previous units to learn how your program of study fits together. You will explore the use of different types of empirical linguistic data to investigate aspects of language as small as the phoneme or as large as whole texts. The unit is project-based, enabling you to prepare for postgraduate and research studies in speech, hearing and language sciences, or for a wide range of professions in which collection or analysis of language data is relevant. Also covered are topics relating to the research process more generally, including: critical evaluation of the literature; ethical issues in research; defining research questions; collecting, presenting, analysing and interpreting quantitative and qualitative data; providing constructive peer feedback; and effective oral and written presentation skills.	• Elective
SPHL3308	**Speech Production**	Speech is one of the most complex, yet most natural human behaviours, involving fine coordination of rapidly moving articulators. In this unit, we explore the mechanisms used by speakers of all languages to produce different consonants, vowels, syllables, and larger phonological structures, in infinitely expressive ways. We examine the anatomy and physiology of respiration, phonation, and articulation; the neuroanatomy and neurophysiology of speech and language; development and evolution of speech; and methods used for studying speech production. Practical exercises include analysis of speech gestures in articulographic data.	• Recommended elective for Speech and Language Sciences Major (may satisfy speech anatomy prerequisite for some SLP Master's programs)
SPHL3310	**Theoretical and Clinical Perspectives in Speech and Language Development**	This course introduces students to theoretical and clinical perspectives on children's acquisition of speech and language in the infant, toddler, and pre-school years. These topics are discussed with respect to typical as well as less typical language development. Tutorials and assignments focus on the understanding and communication of language development research to parents, and analysing linguistic data in preparation of clinical diagnosis.	• Counts towards the Speech, Language and Hearing Disorders requirement for the Speech and Language Sciences Major • Recommended elective for the other majors (in place of LIGN 112)

SPHL3311	**Acquired Speech and Language Disorders**	In this course, you will learn about the nature of acquired communication disorders in adults. You will learn how to interpret experimental and observational data obtained from patients in light of models of typical language and cognitive processing; and how to access and evaluate the literature related to acquired communication disorders. The course covers a general introduction to the structure of the human brain, particularly as it relates to language use. Throughout the course, we build on this basis in considering different types of brain damage that are associated with communication disorders (for example, stroke, traumatic brain injury). Topics include: aphasia, cognitive-communication impairments, acquired reading and spelling disorders; motor speech disorders, and bilingual aphasia.	• Counts towards the Neurobiology of Language requirement for the Speech and Language Sciences Major • Recommended elective for the other majors (in place of LIGN 180)
SPHL3312	**Speech Perception and Hearing Science**	This course is a detailed examination of speech perception and hearing, and provides training in the scientific methods required to expand knowledge in both domains. This course is based around interactive lectures that present the theoretical content, and practical workshops that support students in completing research projects and proposals. Essential topics in speech perception include the (categorical) perception of segments and the perception and processing of prosody. These are introduced from the perspective of monolingual adults, and further explored in a range of other populations, including bilinguals and listeners with hearing loss. The discussion of hearing covers the structure of the outer, middle and inner ear, the auditory nerve, the auditory brainstem and the auditory cortex, as well as the mechanisms of hearing and the physiology of the auditory system. A final focus of this course is the psychoacoustics of hearing and speech perception.	• Recommended elective (may satisfy the anatomy of hearing requirement for some SLP Master's programs, but does not substitute for LIGN 113 for the SLS major, see SPHL2212 to meet this requirement)