aspect of language; current research and treatment models for language intervention; relationship between language and learning in children with special needs.

7382 Voice Disorders (3) Prereq.: COMD 4384. Incidence, etiology, concomitant problems; assessment and management of voice, speech, and laryngeal disorders.

7383 Cleft Palate/Orofacial Disorders (3) Prereq.: COMD 4250, 4380. Orofacial anatomy, physiology, and embryology; etiology, concomitant problems; diagnosis, treatment, and management of cleft palate and other oral-facial anomalies.

7385 Neuropsychologies of Speech (3) Prereq.: COMD 4250, 4381, and 7280; or equivalent. Physiological and anatomical bases of dysarthria, apraxia, and related speech disorders due to neuropathology in the adult population; emphasis on diagnosis, description, and clinical management.

7386 Introduction to Augmentative/Alternative Communication (3) Current issues, terminology, and technological developments; augmentative systems and components, including various sign and symbol systems, assistive communication technologies; communication intervention guidelines and procedures.

7387 Aphasia in Adults (3) Prereq.: COMD 7280 or equivalent. Aphasia of stroke and other neurolingual disorders; neurological bases of aphasia and related disorders; appropriate therapeutic methodologies.

7389 Auditory Processing and Communication Disorders II (3) Prereq.: COMD 4383 or equivalent. Auditory and speech disorders; emphasis on successful methods of assessment, intervention, and management of these conditions.

7390 Medical Aspects of Hearing Conservation (3) Prereq.: COMD 7280. Medical aspects of hearing conservation; professional, technical, business, and legal issues.

7391 Medical Aspects of Pediatric Audiology (3) Prereq.: COMD 7490. Identification and management of the young child; social and psychological concomitants of auditory disorders; genetic hearing loss and other high risk types of impairment related to hearing.

7393 Pathology of the Auditory System (3) Prereq.: COMD 4250, 7191, 7490. Medical and surgical aspects of hearing loss including conductive, sensor, neural, and central auditory dysfunction; diseases, abnormalities, and methods of medical intervention.

7480 Measurement and Diagnosis of Communication Disorders (3) Psychological and behavioral measurement of communication; test construction and treatment planning for common speech/language disorders.

7509 Auditory Rehabilitation of Adults (3) Prereq.: COMD 7280. Audiological practices in industry and hearing conservation programs; professional, technical, business, and legal issues.

7663, 8685 Clinical Practicum (1-6 each) Prereq.: credit or enrollment in the course dealing with the specific disorder in which practicum is to be taken. May be taken for a max. of 6 sem. hrs. of credit. For advanced graduate students who wish to pursue research on special problems exclusive of thesis or dissertation.

7755 English for Speakers of Other Languages: Methods and Materials (3) Also offered as LING 7755. Problems of teaching English as a second language to adults; assessment and production strategies for spoken language; discourse analysis, theoretical foundations, second language acquisition, and development of a teaching syllabus; work with international students.

7756 Independent Research: Phonetics and Linguistics (1-3) Prereq.: consent of instructor. May be repeated for a max. of 6 sem. hrs. of credit. For advanced graduate students who wish to pursue research on special problems exclusive of thesis or dissertation.

7771 Independent Research: Speech Science (1-3) Prereq.: consent of instructor. May be taken for a max. of 6 sem. hrs. of credit. For advanced graduate students who wish to pursue research on special problems exclusive of thesis or dissertation.

7782 Individual Research in Communication Disorders (1-3) Prereq.: consent of instructor. May be taken for a max. of 6 sem. hrs. of credit. For advanced graduate students who wish to pursue research on special problems exclusive of thesis or dissertation.

7783 Aphasia in Adults (3) Prereq.: COMD 7280, 7280. Characteristics of aphasia; cognition and speech disorders in adults; emphasis on research issues; strategies for intervention.

7784 Seminar in Communication Disorders (3) Prereq.: consent of instructor. May be repeated for a max. of 6 sem. hrs. of credit. For advanced graduate students who wish to pursue research on special problems exclusive of thesis or dissertation.

7785 Experimental Phonetics (3) Prereq.: PHD standing and permission of instructor. May be taken for a max. of 6 hrs. of credit when topics vary. Current and research and modeling of the quantitative representation of human speech.

7785 Psychosocial (3) Prereq.: COMD 7191, 3 hrs. lecture; 3 hrs. lab. Admission to PhD program required. Classic and contemporary readings about perception of sound and speech, cultural and social factors, and biases in the study of communication systems; frequency processing, pitch perception, language acquisition.

7789 Principles of Audiology (3) Prereq.: consent of instructor. May be taken for a max. of 6 sem. hrs. of credit. For advanced graduate students who wish to pursue research on special problems exclusive of thesis or dissertation.

7800 Thesis Research (3) Prereq.: 7751, 7752, 7753, 7754. Research topics ancillary or central to the major work in communication disorders. May be taken for a max. of 9 sem. hrs. of credit when topics vary. Theoritical, critical, and empirical analyses of current research, both domestic and foreign, and issues of particular concern to the individual student.

7800 Dissertation Research (1-3) Prereq.: consent of instructor. May be taken for a max. of 3 sem. hrs. of credit. For advanced graduate students who wish to pursue research on special problems exclusive of thesis or dissertation.

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8101 Independent Study (1-3) Prereq.: 2351, 2359, 2860, or equivalent. May be taken for a max. of 3 sem. hrs. of credit when topics vary. Topics underwritten, guided, and supervised by faculty, advanced graduate students, and/ or professional organizations.

8101 Independent Study (1-3) Prereq.: 2351, 2359, 2860, or equivalent. May be taken for a max. of 3 sem. hrs. of credit when topics vary. Topics underwritten, guided, and supervised by faculty, advanced graduate students, and/ or professional organizations.

8101 Independent Study (1-3) Prereq.: 2351, 2359, 2860, or equivalent. May be taken for a max. of 3 sem. hrs. of credit when topics vary. Topics underwritten, guided, and supervised by faculty, advanced graduate students, and/ or professional organizations.

8101 Independent Study (1-3) Prereq.: 2351, 2359, 2860, or equivalent. May be taken for a max. of 3 sem. hrs. of credit when topics vary. Topics underwritten, guided, and supervised by faculty, advanced graduate students, and/ or professional organizations.