

# COMMUNICATION SCIENCES AND DISORDERS

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<https://clas.wayne.edu/csd> (<https://clas.wayne.edu/csd/>)

Audiology is the study of the normal and impaired auditory system. Speech-language pathology focuses on impaired speech, language, fluency, and voice function of children and adults. The Doctor of Audiology (Au.D.) and Master of Arts with a major in Speech-Language Pathology degree programs offer students intensive and diverse academic and clinical experiences.

The course of study should be developed as early as possible with the student's major advisor, and candidacy must be established by filing an approved Plan of Work after twelve credits have been earned.

## Academic Scholarship

All course work must be completed in accordance with the regulations of the Graduate School (<http://bulletins.wayne.edu/graduate/general-information/academic-regulations/>) and the College of Liberal Arts and Sciences (<http://bulletins.wayne.edu/graduate/college-liberal-arts-sciences/academic-regulations/>).

## Application Requirements

Application requirements for all departmental graduate programs are:

1. a minimum undergraduate grade point average of 3.0
2. completion of the Graduate Record Examination
3. submission of three letters of recommendation
4. submission of a written Statement of Intent
5. submission of official transcripts

International applicants must provide, in addition, official results of the TOEFL, TWE, and SPEAK/TSE. Please access the department's website (<http://www.clas.wayne.edu/csd/>) for additional information. Admission to all programs is contingent upon admission to the Graduate School (<http://bulletins.wayne.edu/graduate/general-information/admission/>).

## Accreditation

The Master of Arts (M.A.) education program in Speech-Language Pathology and the Doctor of Audiology (Au.D.) education program in Audiology at Wayne State University are accredited by the Council on Academic Accreditation in Audiology and Speech-Language Pathology of the American Speech-Language-Hearing Association, 2200 Research Blvd., #310, Rockville, MD 20850, Telephone: 800-498-2071 or 301-296-5700.

BOJRAB, SYDNEY: M.A., Indiana University, B.A., Miami University; Assistant Professor - Clinical

CACACE, ANTHONY T.: Ph.D., M.S., Syracuse University; B.S., State University of New York at New Paltz; Professor

DANIELS, DEREK: Ph.D., Bowling Green State University; M.A., University of Houston; B.A., Grinnell College; Associate Professor

GREENWALD, MARGARET: Ph.D., M.A., University of Florida; B.A., College of St. Catherine; Associate Professor

GUAN, XIYING: Ph.D., University of Oklahoma, M.S., B.S., China University of Geoscience; Assistant Professor

HARDY-SMITH, AARON: M.A., B.S., Western Michigan University; Assistant Professor - Clinical

HSIEH, LI: Ph.D., Purdue University; M.A., Northwestern University; M.A., Fu Jen Catholic University; B.A., Soochow University; Associate Professor

KASSA, MARY: Au.D., B.A., Wayne State University; Associate Professor-Teaching

KRAFT, SHELLY JO: Ph.D., University of Illinois; M.A., B.A., Michigan State University; Associate Professor

LIENING, MARYELLEN: M.A., Wayne State University; B.A., Michigan State University; Assistant Professor - Clinical

MOORE, TAUSHA: M.A., University of Memphis; B.A., Michigan State University; Assistant Professor - Clinical

STEWART, KIMBERLY: M.A., Wayne State University; B.A., Western Michigan University; Assistant Professor - Clinical

ZHANG, JINSHENG: Ph.D., University of Fribourg; M.S., Wayne State University; M.S., B.S., Hebei Normal University; Professor and Chair

- Speech-Language Pathology (M.A.) (<http://bulletins.wayne.edu/graduate/college-liberal-arts-sciences/communication-sciences-disorders/speech-language-pathology-ma/>)
- Audiology (AuD.) (<http://bulletins.wayne.edu/graduate/college-liberal-arts-sciences/communication-sciences-disorders/audiology-aud/>)
- Communication Sciences and Disorders (Ph.D.) (<http://bulletins.wayne.edu/graduate/college-liberal-arts-sciences/communication-sciences-disorders/communication-sciences-disorders-phd/>)

## Audiology

### AUD 5400 Introduction to Audiology Cr. 3

Introduction to physics of sound, anatomy of the hearing mechanism, audiometry, hearing aids, habilitation and rehabilitation of the hearing handicapped. Offered Fall, Winter.

### AUD 5420 Introduction to Aural Rehabilitation Cr. 3

Principles and practices of aural rehabilitation including hearing aids. Offered Winter, Spring/Summer.

**Prerequisites:** AUD 5400 with a minimum grade of D-

### AUD 6000 Electrophysiological Procedures Cr. 4

Two distinct electrophysiological procedures, auditory evoked potentials and otoacoustic emissions, are presented. Both procedures consist of several sub-tests used to assess the auditory system from the middle ear to the cortex, in normal and disordered ears. Offered for graduate credit only. Offered Spring/Summer.

**Prerequisite:** AUD 5400 with a minimum grade of C

**Restriction(s):** Enrollment is limited to Graduate level students.

### AUD 6030 Instrumentation in Audiology Cr. 3

Operation, hook-up, scientific notation, systems of measurement, calibration and repair of instruments and software used in clinical audiology. Offered for graduate credit only. Offered Winter.

**Restriction(s):** Enrollment is limited to Graduate level students.

### AUD 6040 Auditory and Vestibular Pathologies Cr. 4

Disorders of the auditory and vestibular systems. Etiology, pathological characteristics, medical and non-medical therapies.. Offered for graduate credit only. Offered Winter.

**Restriction(s):** Enrollment is limited to Graduate level students.

**AUD 6310 Audiology Clinical Practicum Series Cr. 3**

Progression of knowledge and skill level, from introductory basic clinical skills through advanced clinical protocols for difficult to manage patients. Offered for graduate credit only. Offered Every Term.

**Prerequisite:** AUD 6410 with a minimum grade of C and AUD 6411 with a minimum grade of C and AUD 6412 with a minimum grade of C

**Restriction(s):** Enrollment is limited to Graduate level students.

**Fees:** \$10

**Repeatable for 9 Credits**

**AUD 6400 Anatomy, Physiology, and Psychophysiology of Audition Cr. 4**

Structure and function of the human auditory system. Psychophysical theories of hearing. Offered for graduate credit only. Offered Fall.

**Restriction(s):** Enrollment is limited to students with a major in Audiology or Speech-Language Pathology; enrollment is limited to Graduate level students; enrollment limited to students in a Doctor of Philosophy, Master of Arts or Master of Science degrees.

**AUD 6410 Basic Audiologic Evaluation Cr. 3**

Principles and application of pure-tone and speech audiometry, clinical masking, and impedance/immittance testing. Offered for graduate credit only. Offered Fall.

**Restriction(s):** Enrollment is limited to Graduate level students.

**AUD 6411 Audiology Clinical Laboratory I Cr. 2**

Development of basic competencies related to clinical procedures and methods for evaluation and treatment of clients; maintenance and use of technology in the university audiology clinic. Student will observe and begin to perform evaluations under faculty supervision. Offered for graduate credit only. Offered Fall.

**Prerequisite:** AUD 6410 with a minimum grade of C

**Restriction(s):** Enrollment is limited to Graduate level students.

**Fees:** \$135

**AUD 6412 Audiology Clinical Laboratory II Cr. 2**

Continuation of basic competency development related to clinical procedures and methods for evaluation and treatment of clients, maintenance and use of technology in an audiology clinical practice. Students perform evaluations under faculty supervision. Offered for graduate credit only. Offered Winter.

**Prerequisite:** AUD 6040 with a minimum grade of C and AUD 6411 with a minimum grade of C

**Restriction(s):** Enrollment is limited to Graduate level students.

**Fees:** \$135

**AUD 6413 Audiology Clinical Laboratory III Cr. 2**

Continuation of competency development related to clinical procedures and methods for evaluation and treatment of clients, including advanced testing procedures. Course includes a rotating placement at a local health system. Offered for graduate credit only. Offered Spring/Summer.

**Prerequisites:** AUD 6411 with a minimum grade of B- and AUD 6412 with a minimum grade of B-

**Restriction(s):** Enrollment is limited to students with a major in Audiology; enrollment limited to students in the Doctor of Audiology or Doctor of Audiology programs; enrollment is limited to Graduate level students.

**Fees:** \$135

**AUD 6430 Principles of Amplification I Cr. 3**

Electroacoustic and clinical aspects of acoustic amplifiers and developmental history of hearing aids. Offered for graduate credit only. Offered Winter.

**Prerequisite:** AUD 6410 with a minimum grade of C

**Restriction(s):** Enrollment is limited to Graduate level students.

**AUD 6530 Principles of Amplification II Cr. 3**

Fundamentals of digital technology, compression, channeling and programming, and applications to various hearing impairment parameters. Offered for graduate credit only. Offered Fall.

**Prerequisite:** AUD 6430 with a minimum grade of C

**Restriction(s):** Enrollment is limited to Graduate level students.

**AUD 7300 Clinical Internship Cr. 3**

Supervised observation, training and practice in audiological procedures. Placements in local audiology settings as assigned by clinical rotation coordinator. Offered Every Term.

**Prerequisite:** AUD 5400 with a minimum grade of C and AUD 6410 with a minimum grade of C

**Restriction(s):** Enrollment is limited to Graduate level students.

**Repeatable for 12 Credits**

**AUD 7320 Issues, Ethics and Scope of Practice in Audiology Cr. 2**

Code of Ethics and Scope of Practice as published by the professional organizations for audiology. Issues and case studies in ethical practice, malpractice, legal responsibilities, best practice, and counseling. Offered Spring/Summer.

**Prerequisite:** AUD 6000 with a minimum grade of C and AUD 6430 with a minimum grade of C and AUD 8430 with a minimum grade of C

**Restriction(s):** Enrollment is limited to Graduate level students.

**Repeatable for 8 Credits**

**AUD 7350 Contemporary Issues in Audiology Cr. 1-4**

Integrated seminar; topics announced in Schedule of Classes. Offered Yearly.

**Restriction(s):** Enrollment is limited to Graduate level students.

**Repeatable for 16 Credits**

**AUD 7420 Hearing Loss Prevention Programs Cr. 3**

Assessment of damage risk criteria for noise-induced hearing loss. Implementation and management of hearing loss prevention programs in industry, schools, and community settings. Offered Winter.

**Restriction(s):** Enrollment is limited to Graduate level students.

**AUD 7430 Pediatric Audiology Cr. 3**

Introduction to embryology, tests, test procedures, and counseling of parents with hearing-handicapped children. Offered Spring/Summer.

**Prerequisite:** AUD 6410 with a minimum grade of C

**Restriction(s):** Enrollment is limited to Graduate level students.

**AUD 7500 Aural Rehabilitation Cr. 3**

Treatment procedures, measurement and electrophysiological instrumentation, ethical dilemmas. Offered Spring/Summer.

**Prerequisite:** AUD 5420 with a minimum grade of C and AUD 6430 with a minimum grade of C and AUD 6530 with a minimum grade of C

**Restriction(s):** Enrollment is limited to Graduate level students.

**AUD 7520 Counseling in Audiology Cr. 1**

Basic counseling principles and techniques applied to patients and their family members during evaluation and treatment of auditory and balance disorders. Offered Spring/Summer.

**Prerequisite:** AUD 6410 with a minimum grade of C and AUD 6411 with a minimum grade of C

**Restriction(s):** Enrollment is limited to Graduate level students; enrollment is limited to students in the Department of Communication Sci & Disorders.

**AUD 7540 Genetic Auditory Disorders Cr. 3**

Medical genetics and its application to hearing loss and craniofacial disorders; genetic etiology, diagnosis, therapeutic implications. Ethical, legal and social issues: cloning, gene therapy, and prevention. Offered Winter.

**Restriction(s):** Enrollment is limited to students with a major, minor, or concentration in Audiology, Communication Sci & Disorders, Comm Sci & Disorders Honors or Speech-Language Pathology; enrollment is limited to Graduate level students.

**AUD 7550 Intra-operative Neurophysiologic Monitoring Cr. 2**

Presentation of the techniques used to monitor neurological centers during head/neck surgery. Operating room observations required. Offered Spring/Summer.

**Prerequisite:** AUD 6000 with a minimum grade of C

**Restriction(s):** Enrollment is limited to students with a major, minor, or concentration in Audiology, Communication Disorders&Sci or Commun Disorders&Sci Hon; enrollment is limited to Graduate level students.

**AUD 7630 Neuroscience of Communication Disorders Cr. 3**

Neuroscience, neurophysiology, neuropsychology, neuroimaging, normal aging processes and neurodevelopment in communication sciences and disorders. Offered Fall.

**Restriction(s):** Enrollment is limited to Graduate level students.

**Equivalent:** SLP 7630

**AUD 7990 Directed Study Cr. 1-3**

Literature review of an approved topic in audiology under supervision of the graduate faculty. Course may include an experimental investigation. Comprehensive written report is required. Offered Yearly.

**Restriction(s):** Enrollment is limited to Graduate level students.

**Repeatable for 6 Credits**

**AUD 8300 Audiology Fellowship Cr. 8**

Advanced supervised clinical practice in an off-campus setting over the final three semesters of professional study. Offered Every Term.

**Prerequisite:** AUD 7300

**Restriction(s):** Enrollment is limited to Graduate level students.

**Repeatable for 24 Credits**

**AUD 8350 Research Seminar Cr. 3**

Topics announced in Schedule of Classes. Emphasis on clinical research methods. Offered Yearly.

**Prerequisite:** SLP 7000 with a minimum grade of C

**Restriction(s):** Enrollment is limited to Graduate level students.

**Repeatable for 15 Credits**

**AUD 8430 Equilibrium/Vestibular System Evaluation Cr. 4**

Anatomy, physiology and functional assessment of the vestibular system including instrumentation, procedures, and interpretation of ENG, dynamic posturography, and rotational velocity testing recordings. Hands-on laboratory exercises included. Offered Fall.

**Restriction(s):** Enrollment is limited to Graduate level students.

**AUD 8440 Medical Issues: Tinnitus, Central Auditory Processing and Auditory Neuropathy Cr. 3**

Role of the audiologist in the medical setting; advanced clinical skills and knowledge; health care issues and professional interaction in the medical setting. Offered Fall.

**Restriction(s):** Enrollment is limited to Graduate level students.

**AUD 8450 Advanced Auditory/Vestibular Electrodiagnosis for Balance Assessment and Treatment Cr. 4**

Advanced evaluation of dizzy/balance patients; traditional test battery use with complex balance patients; recently developed electrophysiological techniques and computerized assessments; expansion of clinical and technical skills; walking and gait analysis. Offered Winter.

**Restriction(s):** Enrollment is limited to Graduate level students.

**AUD 8460 Cochlear Implants and Other Auditory Prostheses Cr. 3**

New developments in assisted listening devices and cochlear implant protocols. Offered Winter.

**Prerequisite:** AUD 6530 with a minimum grade of C

**Restriction(s):** Enrollment is limited to Graduate level students.

# Speech-Language Pathology

**SLP 5080 Phonetics Cr. 3**

Multisensory study of sounds in the English language, emphasizing acoustic, physiologic, kinesio logic approaches. Offered Fall, Winter.

**Equivalent:** LIN 5080

**SLP 5090 Anatomy and Physiology of the Speech Mechanism Cr. 3**

General science of normal speech; anatomy, physiology and mechanics of respiration, phonation, resonance, articulation. Offered Fall, Spring/Summer.

**SLP 5120 Speech Science Cr. 3**

Speech production, acoustics of sound, perception of the speech signal. Offered Fall, Winter.

**Prerequisites:** SLP 5080 with a minimum grade of C (may be taken concurrently) and SLP 5090 with a minimum grade of C (may be taken concurrently)

**SLP 5300 Introduction to Speech-Language Pathology Cr. 3**

Speech-language pathology in clinical and educational settings; classification of communication disorders and related management strategies. Offered Fall, Winter.

**SLP 5310 Clinical Methods in Communication Disorders Cr. 3**

Procedures and materials to apply the basic clinical processes involved in assessment for clinical diagnosis and intervention for speech and language deficits through written assignments. Offered Every Term.

**Prerequisites:** SLP 5080 with a minimum grade of C (may be taken concurrently), SLP 5090 with a minimum grade of C (may be taken concurrently), SLP 5300 with a minimum grade of C, and SLP 5320 with a minimum grade of C

**SLP 5320 Normal Language Acquisition and Usage Cr. 3**

Language development in children and the associated areas of emotional and motor development; language stimulation techniques and programs. Offered Fall, Winter.

**Fees:** \$10

**SLP 5360 Clinical Practice in Speech-Language Pathology Cr. 3**

**Satisfies General Education Requirement:** Writing Intensive Competency Supervised experience in application of methods of diagnosis and treatment of clinical cases. Offered Every Term.

**Prerequisites:** SLP 5310 with a minimum grade of B, SLP 6460 with a minimum grade of B, and SLP 6480 with a minimum grade of B

**Fees:** \$60

**Repeatable for 6 Credits**

**SLP 6360 Advanced Clinical Practice in Speech-Language Pathology Cr. 3**

Supervised experience in application of methods of diagnosis and treatment of clinical cases. Offered for graduate credit only. Offered Every Term.

**Prerequisite:** SLP 5360 with a minimum grade of B

**Restriction(s):** Enrollment is limited to Graduate level students.

**Fees:** \$60

**Repeatable for 12 Credits**

**SLP 6460 Language and Phonological Disorders Cr. 3**

Introduction to the clinical management of articulation and language disorders. Offered Fall, Winter.

**Prerequisites:** SLP 5080 with a minimum grade of C (may be taken concurrently), SLP 5300 with a minimum grade of C, and SLP 5320 with a minimum grade of C

**SLP 6480 Neurogenic Communication Disorders Cr. 3**

Introduction to acquired neurogenic communication disorders that impact speech, language, cognition, and swallowing in adult populations with clinical emphasis on differential diagnoses, assessment, and treatment approaches. Offered Fall, Winter.

**Prerequisites:** SLP 5080 with a minimum grade of C (may be taken concurrently), SLP 5090 with a minimum grade of C, SLP 5300 with a minimum grade of C, and SLP 5320 with a minimum grade of C

**SLP 6640 Language Development and Disorders: Infants and Preschool Children Cr. 3**

Theory, assessment and intervention with young children and their families. Emphasizes clinical problem solving, diagnosis, prevention and management in the context of cognitive, linguistic and neurological development. Offered for graduate credit only. Offered Fall.

**Prerequisite:** SLP 5300 with a minimum grade of C+ and SLP 5320 with a minimum grade of C+

**Restriction(s):** Enrollment is limited to Graduate level students.

**SLP 7000 Research Methods in Communication Disorders Cr. 1**

Introduction to methods of research design and methods of analysis (quantitative and qualitative) in speech and hearing sciences and disorders. Offered Fall.

**Restriction(s):** Enrollment is limited to Graduate level students.

**SLP 7100 Research Methods: Evidenced- Based Practice Cr. 1**

Using evidence-based practice in communication disorders and on methods for conducting original research. Offered Winter.

**Prerequisite:** SLP 7000 with a minimum grade of C+

**Restriction(s):** Enrollment is limited to students with a major in Communication Sci & Disorders or Speech-Language Pathology; enrollment is limited to Graduate level students.

**SLP 7155 Special Topics in Communication Disorders Cr. 1-4**

Lecture and discussion of special topics in communication disorders across the lifespan. Offered Fall.

**Prerequisite:** SLP 6360 with a minimum grade of C

**Restriction(s):** Enrollment is limited to Graduate level students.

**Repeatable for 4 Credits**

**SLP 7320 Professional Issues in Speech-Language Pathology Cr. 1**

Practice issues, including ethics, scope of practice, multicultural concerns, professional conduct, reimbursement, and professional resources. Offered Winter.

**Restriction(s):** Enrollment is limited to Graduate level students.

**SLP 7360 Internship in Speech Pathology Cr. 6**

Advanced professional experience in clinical speech language pathology. Offered Every Term.

**Restriction(s):** Enrollment is limited to Graduate level students.

**Repeatable for 12 Credits**

**SLP 7380 Clinical Process in Speech-Language Pathology Cr. 3**

Development of clinical skills and knowledge in diagnostic and treatment processes. Introduction to professional issues, counseling and ethical practices in speech-language pathology practice. Offered Fall.

**Restriction(s):** Enrollment is limited to Graduate level students.

**Fees:** \$10

**Repeatable for 9 Credits**

**SLP 7520 Counseling in Speech-Language Pathology Cr. 1**

Basic counseling principles and techniques applied to patients and their family members during evaluation and treatment of communication and swallowing disorders. Offered Spring/Summer.

**Restriction(s):** Enrollment is limited to students with a major, minor, or concentration in Special Educ-Speech Pathology or Speech-Language Pathology; enrollment is limited to Graduate level students.

**SLP 7590 Dysphagia Cr. 3**

Assessment and management of neurologic and mechanical swallowing disorders in children and adults. Offered Spring/Summer.

**Prerequisite:** SLP 5090 with a minimum grade of C+

**Restriction(s):** Enrollment is limited to Graduate level students.

**SLP 7600 Phonological Disorders Cr. 3**

The etiology, diagnosis and advanced treatment regimens of phonological disorders in children and adults. Offered Winter.

**Restriction(s):** Enrollment is limited to Graduate level students.

**SLP 7610 Stuttering Cr. 3**

The etiology, diagnosis and treatment of stuttering disorders in children and adults. Offered Winter.

**Restriction(s):** Enrollment is limited to Graduate level students.

**SLP 7620 Voice Disorders Cr. 2-3**

The etiology, diagnosis and treatment of voice disorders in children and adults. Offered Fall.

**Restriction(s):** Enrollment is limited to Graduate level students.

**SLP 7621 Craniofacial Syndromes Cr. 2**

Theoretical and applied issues in resonance disorders that result from oral clefting and other craniofacial syndromes. Offered Spring/Summer.

**Restriction(s):** Enrollment is limited to students with a major in Speech-Language Pathology; enrollment limited to students in the MA in Liberal Arts & Sciences program; enrollment is limited to Graduate level students.

**SLP 7630 Neuroscience of Communication Disorders Cr. 3**

Neuroscience, neurophysiology, neuropsychology, neuroimaging, normal aging processes and neurodevelopment in communication sciences and disorders. Offered Fall.

**Restriction(s):** Enrollment is limited to Graduate level students.

**Equivalent:** AUD 7630

**SLP 7640 Language Disorders in the School-Age Population Cr. 3**

Assessment and intervention in assessment, diagnosis, treatment, and management of language and speech disorders in school-age populations. Emphasis on service delivery in context of curriculum and role of speech-language pathologist in school-based practice. Offered Fall.

**Prerequisite:** SLP 6640 with a minimum grade of C+

**Restriction(s):** Enrollment is limited to Graduate level students.

**SLP 7660 Neuromuscular Speech Disorders Cr. 3**

Theory, assessment and intervention in neurologic speech disorders in children and adults (dysarthria, acquired apraxia of speech). Offered Fall.

**Restriction(s):** Enrollment is limited to Graduate level students.

**SLP 7680 Acquired Linguistic and Cognitive Disorders in Adults Cr. 4**

Theory, assessment, and management/treatment of adult patients with aphasia, traumatic brain injury, right-hemisphere brain damage, and dementia. Offered Winter.

**Restriction(s):** Enrollment is limited to Graduate level students.

**SLP 7700 Advanced Research Methods in Communication Disorders Cr. 1**

Development of advanced research writing skills, for presentation of research in written and oral format. Development of research presentation skills; presentation of research project in departmental forum. Offered Winter.

**Prerequisite:** SLP 7000 with a minimum grade of C+

**Restriction(s):** Enrollment is limited to Graduate level students.

**SLP 7990 Directed Study Cr. 1-9**

Graduate study in areas not covered in scheduled curriculum, including library and field work. Offered Yearly.

**Restriction(s):** Enrollment is limited to Graduate level students.

**Repeatable for 9 Credits**



**SLP 7991 Directed Study: PhD Cr. 1-9**

Directed research for major, and pilot work for dissertation. Offered Yearly.

**Restriction(s):** Enrollment is limited to students with a major in Speech-Language Pathology; enrollment is limited to Graduate level students; enrollment limited to students in a Doctor of Philosophy degree.

**Repeatable for 9 Credits**

**SLP 7999 Master's Essay Direction Cr. 1-3**

Offered Every Term.

**Restriction(s):** Enrollment limited to students with a class of Candidate Masters; enrollment is limited to Graduate level students.

**SLP 8390 Seminar in Speech-Language Pathology Cr. 3**

Topics to be announced in Schedule of Classes. No topic may be repeated for credit. Offered Yearly.

**Restriction(s):** Enrollment is limited to Graduate level students.

**Repeatable for 18 Credits**

**SLP 8999 Master's Thesis Research and Direction Cr. 1-8**

Offered Every Term.

**Restriction(s):** Enrollment limited to students with a class of Candidate Masters; enrollment is limited to Graduate level students.

**Repeatable for 8 Credits**

**SLP 9990 Pre-Doctoral Candidacy Research Cr. 1-8**

Research in preparation for doctoral dissertation. Offered Every Term.

**Restriction(s):** Enrollment is limited to Graduate level students.

**Repeatable for 12 Credits**

**SLP 9991 Doctoral Candidate Status I: Dissertation Research and Direction Cr. 7.5**

Offered Every Term.

**Restriction(s):** Enrollment is limited to Graduate level students.

**SLP 9992 Doctoral Candidate Status II: Dissertation Research and Direction Cr. 7.5**

Offered Every Term.

**Prerequisite:** SLP 9991 with a minimum grade of S

**Restriction(s):** Enrollment is limited to Graduate level students.

**SLP 9993 Doctoral Candidate Status III: Dissertation Research and Direction Cr. 7.5**

Offered Every Term.

**Prerequisite:** SLP 9992 with a minimum grade of S

**Restriction(s):** Enrollment is limited to Graduate level students.

**SLP 9994 Doctoral Candidate Status IV: Dissertation Research and Direction Cr. 7.5**

Offered Every Term.

**Prerequisite:** SLP 9993 with a minimum grade of S

**Restriction(s):** Enrollment is limited to Graduate level students.

**SLP 9995 Candidate Maintenance Status: Doctoral Dissertation Research and Direction Cr. 0**

Offered Every Term.

**Restriction(s):** Enrollment is limited to Graduate level students.

**Fees:** \$434.8

**Repeatable for 0 Credits**