

New York University Bulletin



GRADUATE 2011-2013

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Steinhardt School of Culture, Education, and Human Development

Applied Psychology

Art

Education

Health

Media

Music

Communicative Sciences and Disorders

DEGREES

M.S., Ph.D., Advanced Certificate

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Notice: The programs, requirements, and schedules listed herein are subject to change without notice. A directory of classes is published each term with a current schedule. For the most up-to-date schedule changes, please consult ALBERT, NYU’s student information website.

DIRECTOR: CELIA STEWART

665 BROADWAY, 9TH FLOOR | NEW YORK, NY 10012-2330

TELEPHONE: 212-998-5230 | FAX: 212-995-4356 | WEBSITE: steinhardt.nyu.edu/csd

New York University was one of the first universities to offer advanced degree programs in communicative sciences and disorders in the New York area. The program leading to the Master of Science degree is available for college graduates seeking the Certificate of Clinical Competence in Speech-Language Pathology from the American Speech-Language-Hearing Association (ASHA) and New York State licensure as speech-language pathologists. The master’s program prepares students to remediate communication swallowing disorders. In-depth coursework and practica are designed to give students expertise in areas in which there is great demand—adult language disorders, voice disorders, craniofacial anomalies, motor speech disorders, stuttering, phonology, audiology, geriatric, infant and child language disorders, and dysphagia. The many nationally renowned hospitals, clinics, and schools in the New York City area provide students with exceptional opportunities for clinical experience under the supervision of licensed and certified speech-language pathologists. The program meets the New York State Education Department’s requirements leading to certification in teaching students with speech and language disabilities.

The Post-Master’s Advanced Certificate in Communicative Sciences and Disorders is a part-time program for licensed and certified speech-language pathologists who wish to continue their education beyond the master’s level and develop or deepen their knowledge in a specific area of communicative sciences and disorders, earn credits toward continuing education for ASHA and state licensure, and/or participate in research. This certificate program is for post-master’s study, and coursework may be used toward doctoral study.

A program leading to the Doctor of Philosophy degree is available to practicing professionals in communicative sciences and disorders. The program emphasizes the development of knowledge and skills as researchers and educators.

Faculty

Sharon M. Antonucci, Assistant Professor. B.A. 1997, Connecticut College; M.S. 1999, Columbia; Ph.D. 2005, Arizona; CCC-SLP.

Offiong Aqua, Clinical Associate Professor. M.D. 1986, Faculty of Medicine at Friendship University, Moscow, Russia.

Adam Buchwald, Assistant Professor. B.A. 1997, Reed College; M.A. 2003, Ph.D. 2005, Johns Hopkins.

Gina Canterucci, Clinical Instructor. B.S. 1994, Ohio; M.A. 1997, Case Western Reserve; CCC-SLP.

Erin Embry, Clinical Instructor. B.S. 1995, Western Kentucky; M.S. 2001, College of Saint Rose; CCC-SLP.

Maria Grigos, Assistant Professor. B.S. 1991, New York; M.S. 1993, Ph.D. 2002, Columbia; CCC-SLP.

Harriet B. Klein, Professor. B.A. 1958, M.A. 1960, Brooklyn College (CUNY); Ph.D. 1978, Columbia; CCC-SLP.

Susannah Levi, Assistant Professor. B.A. 1996, Washington (St. Louis); M.A. 2000, Ph.D. 2004, Washington.

Christina Reuterskiöld-Wagner, Assistant Professor. B.S. 1986, Lund; M.S. 1988, Boston; Dr. Med. Sc. 1999, Lund; CCC-SLP.

Diana Sidtis, Professor. B.A. 1962, Wisconsin; M.A. 1965, Chicago; Ph.D. 1975, Brown; NIH postdoctoral fellowship, 1977-1980, Northwestern; CCC-SLP.

Celia F. Stewart, Chair and Associate Professor. B.S. 1973, Colorado State; M.S. 1976, Phillips; Ph.D. 1993, New York; CCC-SLP.

Training Specialists

Anne Marie Skvarla, Clinic Director. B.S., M.A.; CCC-SLP.

Erasmia Ioannou Benakis, Externship Director. B.A., M.A.; CCC-SLP.

Adjunct Faculty 25

Master of Science

Accredited by the American Speech-Language-Hearing Association, this program leads to the Certificate of Clinical Competence from the American Speech-Language-Hearing Association (ASHA) and licensure as a speech-language pathologist in New York State. The program provides a broad-based and comprehensive education in both the theoretical and practical aspects of communicative sciences and disorders. Coursework and practica are designed to achieve the integration of academic and clinical experiences. Graduates of the program are capable of making informed diagnostic judgments as well as planning and executing a program of therapeutic management for persons with communication impairments.

CAREER OPPORTUNITIES

Graduates of the program have found employment opportunities as speech-language pathologists in hospital clinics, private clinics, public and private schools, rehabilitation centers, and private practice and as administrators of clinical facilities throughout the world. The current need for well-prepared speech-language pathologists is extensive and is expected to increase in the future.

ACADEMIC PREREQUISITES

An undergraduate degree in any discipline is required. Before enrolling in master's level coursework, all students must have completed the following coursework at NYU or the equivalent at any other accredited program: 24-unit course sequence (or the equivalent) before being allowed to register for a 2000-level course in communicative sciences and disorders: Introduction to Audiology *CSCD-UE.1230*, Anatomy and Physiology of the Speech and Hearing Mechanism *CSCD-UE.0008*, Neuroanatomy and Physiology of Communication *CSCD-UE.0009*, Phonetics and Phonemics of American English *CSCD-UE.0061*, Language Development in the Preschool Years *CSCD-UE.1601*, Acoustic Phonetics *CSCD-UE.0402*, Aural Rehabilitation and Lifespan *CSD-UE.1205*, and Articulation Disorders in Children and Adults *CSCD-UE.1101*. The prerequisites require a minimum grade of B.

Unless otherwise indicated, all of the above prerequisite courses are necessary for ASHA certification and state licensure. In addition to the 24 units of prerequisites, students must have transcript credit for each of the following areas: biological sciences, physical sciences, behavioral sciences, social sciences, and mathematics for a total of at least 12 units for ASHA certification

and for the M.S. degree. Students must also complete 3 prerequisite units in a language other than English. Prerequisite courses do not carry graduate credit for the M.S. degree.

DEGREE REQUIREMENTS

Students must complete 53 graduate units beyond a recognized bachelor's degree in speech-language pathology or the equivalent preparation (see previous section). Prerequisite coursework, if needed, does not count toward the degree. Individual needs for ASHA certification or New York State licensure may require additional units. Students require at least five full semesters to complete M.S. requirements. All prerequisites must be completed before registering for graduate-level courses. All coursework must be approved by advisement.

Nondisorder courses (14 units):

Principles of Intervention *CSCD-GE.2075*, Critical Evaluation of Research in Speech and Hearing Sciences and Disorders *CSCD-GE.2109*, Speech Science: Instrumentation *CSCD-GE.2125*, Multicultural and Professional Issues *CSCD-GE.2117*, and one course that provides fundamental information applicable to normal development and use of speech, hearing, and language, such as Advanced Anatomy, Physiology, and Neurology of the

Speech and Hearing Mechanisms *CSCD-GE.2041*, Perception and Production of Speech *CSD-GE.2130*, an advanced linguistics course, or a course in human development or psychology.

Speech disorders courses (27 units minimum): The disorder areas of language, voice, articulation, fluency, dysphagia, and hearing must be covered with a complete course in each area. Samples of disorders courses include Adult Language Disorders *CSCD-GE.2021*, Fluency Disorders *CSCD-GE.2028*, Voice Disorders *CSCD-GE.2037*, Language Disorders in Children *CSCD-GE.2039*, Language Development and Disorders in School Aged Children *CSD-GE.2035*, Motor Speech Disorders *CSCD-GE.2016*, Phonological Analysis of Normal and Disordered Speech *CSCD-GE.2108*, Dysphagia in Adults and Children *CSCD-GE.2060*, Augmentative and Alternative Communication *CSCD-GE.2015*, Dysphagia in Infants and Toddlers *CSCD-GE.2062*, or Baby Trachs *CSCD-GE.2067*. A course in aural rehabilitation is required; if this requirement has been satisfied at the undergraduate level, students may substitute three additional elective units in its place. Students who demonstrate completion of equivalent courses within a previous five-year period and have earned at least a B may make substitutions for advanced-level courses by advisement only.

Practicum courses (6 units maximum): A maximum of 6 units is permitted in practicum courses. The clinical practica provide the clinical experiences necessary to integrate theory and practice. In addition to acquiring the clinical hours needed for ASHA certification and New York State licensure, students are exposed to various aspects of the field such as in-service and interdisciplinary conferences, report writing, therapeutic intervention, diagnostic evaluations, and contact with experienced clinicians.

Academic standards: All master's candidates must maintain an average of 3.0 or better and will be required to pass a written comprehensive examination during or following the final semester of coursework and/or practicum or complete a research project. A grade below C in any academic course, or below a B in Practicum, or a mean GPA of less than 3.0 in any given semester constitutes grounds for dismissal from the Program in Communicative Sciences and Disorders.

Practicum requirements (6 units): Students' clinical experiences include a variety of clinical settings, client populations, backgrounds, and age groups. Graduate students complete a minimum of 5 semesters of clinical practicum. The first 3 semesters of clinical education are completed in the on-campus clinic. The first two semesters focus on the clinical diagnostic processes, and the second semester focuses on treatment. Following the successful completion of the on-campus practicum, students are placed off campus for two semesters. Typically, the first off-campus placement is in a pediatric setting, and the second is in an adult care setting. If students have not completed the necessary clock hours following the five clinical education placements indicated above, a sixth placement is required. All students are required to complete a minimum of 400 supervised clinical hours. Twenty-five hours are spent in clinical observation and at least 350 clinic clock hours are completed during the graduate program. Prior to placement in a practicum, all students must be evaluated for speech and language performance in accordance with the policies outlined in the Department of Communicative Sciences and Disorders Master of Science Student Handbook.

All practica require full-time, daytime attendance at practicum sites. Students are required to earn a grade of B or better or they fail the course, are required to retake it, and the clinical hours earned during that semester will not count toward the ASHA certification requirement.

Practicum students are assigned by the off-campus clinic director to at least two of the program's affiliated clinical facilities, which include Mount Sinai Hospital, NYU Hospitals Center, Rusk Institute of Rehabilitation Medicine (IRM), St. Luke's-Roosevelt Hospital Center, the International Center for the Disabled (ICD), and many others.

Terminal experience: Students may choose from two options to meet the comprehensive examination requirement for the Master of Science degree. The first option is to earn a passing score of 600 or greater on the PRAXIS Examination in Speech-Language Pathology (0330) offered by ETS and recognized by ASHA. The second way to meet the terminal experience is for master's students to do a research project in place of the comprehensive examination. If the research option is selected, students must also successfully complete one

semester of the research colloquium course and one semester of independent study, as a 1-unit elective. During the first semester of the colloquium, with the guidance of a faculty member, the student selects a research topic and submits a written proposal. The project is to be completed by the end of the second semester.

ADMISSION REQUIREMENTS

Students in all graduate programs are admitted in the fall only. GRE scores are required.

SPECIAL OPPORTUNITIES

Summer Abroad in Lund, Sweden: The Department of Communicative Sciences and Disorders offers a 6-unit, five-week summer study abroad program in Lund, Sweden, for post-baccalaureate and master's level students in speech-language pathology and post-master's speech-language pathologists. Students may also earn 60 New York State continuing education units. Sweden is known for its state-of-the-art approaches to speech science and speech-disorder remediation. Housed in the Department of Logopedics and Phoniatrics of Lund University, the program combines lectures with directed enrichment activities and draws on the expertise of Lund University neurologists, otolaryngologists, radiologists, and speech-language pathologists.

Advanced Certificate

The 15-credit post-master's Advanced Certificate in Communicative Sciences and Disorders is designed for licensed and certified speech-language pathologists who wish to continue their education beyond the master's level. Through selected coursework, advanced certificate students develop and deepen their knowledge of speech-language pathology, advance their skills in a specialty area, earn credits toward continuing education for ASHA and state licensure, and/or participate in research. Faculty advisers work

with each student to determine the coursework and experiences that will best develop the advanced knowledge and skills needed for that specialty while also meeting the student's professional goals. Students may use advanced certificate coursework toward doctoral study.

DEGREE REQUIREMENTS

Students complete 15 credits of coursework. Courses are offered throughout the year in the fall and spring. Students can complete the

program in as little as two semesters or spread across a longer period. Students may pace their learning according to their own needs and timetables.

ADMISSION REQUIREMENTS

Applicants must have a master's degree in speech-language pathology from an accredited graduate institution with a minimum GPA of 3.0 to apply. In addition, students must identify a specialty area within the field of speech-language pathology.

Doctoral Program

The Doctoral Program in Communicative Sciences and Disorders provides students with training as academic researchers and scholars. This five-year full-time program includes several academic research milestones and comes with a competitive funding package (described below). In addition to research requirements, doctoral candidates take advanced-level courses in the department, school, and university. To obtain the Ph.D., candidates who hold a master's degree must take doctoral coursework (43 units total), complete the candidacy research and scholarship requirements, and develop and defend a dissertation consisting of original research that makes a novel contribution to the field. Incoming students without a master's degree must minimally complete the prerequisite courses for an M.S. degree in this area in addition to the doctoral requirements (minimum 73 units).

CAREER OPPORTUNITIES

Alumni from NYU's doctoral program have become prominent professors and researchers at many leading universities in the metropolitan area and across the country.

DEGREE REQUIREMENTS

The program is structured around research milestones. Students are required to produce two research papers utilizing two different methodologies (as part of a lab rotation) during their first few years in the department. These papers may supplement or form the basis for the

dissertation work. These papers are followed by the dissertation proposal and ultimately the dissertation. The research experiences, as well as the coursework, are intended to provide both breadth and depth to the doctoral experience. Mentors will help guide their students through conference presentations, article writing, and grant submission in order to prepare them academically and professionally for post-doctoral work.

The precise coursework for the program will be different for each student depending on their interests and background. There are general requirements, highlighted by rigorous training in research methodology and statistics (15 units) providing students with the skills to perform independent research. In addition, students are required to take a course in Seminal Readings in Communicative Sciences and Disorders (3 units) and are expected to attend the department Doctoral Seminar and Research Colloquium each semester. These one-credit classes will be taken for credit half the time (a total of 10 units). The remaining 15 units consist of in-depth coursework to support the students' knowledge foundation in their areas of interest; students are strongly encouraged to take courses outside of the department as appropriate.

ADMISSION REQUIREMENTS

Preferred areas of previous academic concentration include speech-language pathology and speech and hearing sciences. If the applicant does not hold an approved master's degree, she or he

must earn a supplementary master's within the department. Also required are three letters of recommendation, a personal interview, a supplemental departmental application, and extensive personal essays. The department looks for applicants with strong communication skills, a personal commitment to the profession of speech-language pathology, and a focus on research.

See general admission section, page 156.

FUNDING

The Steinhardt School and the Department of Communicative Sciences and Disorders offers all full-time Ph.D. students a complete funding and mentoring program. The Steinhardt Fellows program is designed to help Ph.D. students undertake full-time study and research, to participate in superior academic and scholarly experiences, and to complete their studies in a timely manner.

Students in the Ph.D. program in Communicative Sciences and Disorders receive two years of fellowship (full tuition and fees, student health insurance, and a living stipend) and three additional years of scholarship. In the last three years, students will have the opportunity to teach courses in the department to gain valuable teaching experience and to supplement their scholarship.

In some circumstances, selected doctoral students may alternatively be appointed to a Research Assistantship. Research Assistants (RAs) are funded by external grants (typically from their

Doctoral Program,
continued

advisor) and work with a principal investigator on a funded research project. Unlike Steinhardt Fellows, RAs agree to work 20 hours per week on an ongoing research project, typically with a team of faculty and other students. Steinhardt Fellows may become Research Assistants when Steinhardt faculty obtain funding for projects that require research assistance. Students are strongly

encouraged to contact faculty members they are interested in working with in advance.

All admitted full-time Ph.D. students are assigned to a faculty mentor. There is no special application for this funding program.

Speech-Language-Hearing Clinic

DIRECTOR

Anne Marie Skvarla

665 Broadway,
Suite 900
212-998-5230

The Speech-Language-Hearing

Clinic is a part of the Department of Communicative Sciences and Disorders and provides services to NYU and the community at large.

The clinic specializes in the diagnosis and treatment of the disorders of speech, language, and hearing with infants, toddlers, children, adolescents, adults, and geriatrics. Types of communication disorders that can be treated at the clinic include delayed language development, stuttering, voice disorders, articulation delays and disorders, and impaired speech and/or language caused by strokes, traumatic brain injury, or other neurological disorders.

Services provided by graduate student clinicians include diagnosis and treatment of speech and language disorders, individual and group sessions, and hearing screenings.

The clinic director, faculty, and professional supervisors provide continuous, ongoing, and direct supervision of the assessment and intervention activities in the clinic. The physical facilities of the clinic and the audiometric suite are located within and adjacent to the department offices.

Courses

The courses listed herein are to be offered in 2011-2013.

NOTES TO COURSES

*Registration closed to special students.

Please be advised that licensing agencies and placement facilities in your field of study may require that you undergo a criminal background check, the results of which the agency or facility must find acceptable prior to placement or licensure.

Anatomy and Physiology of the Speech and Hearing Mechanism

CSCD-UG.0008 45 hours: 3 units. Spring.

Neuroanatomy and Physiology of Communication

CSCD-UG.0009 45 hours: 3 units. Fall.

Phonetics and Phonemics of American English

CSCD-UG.0061 45 hours: 3 units. Fall.

Acoustic Phonetics

CSCD-UG.0402 45 hours: 3 units. Spring. Prerequisite: CSD-GE.1061.

Articulation Disorders in Children and Adults

CSCD-UG.1101* 30 hours: 2 units. Spring.

Aural Rehabilitation and Lifespan

CSD-UE1205 30 hours: 3 units. Fall.

Introduction to Audiology

CSCD-UG.1230* 45 hours: 3 units. Fall.

Language Development in the Preschool Years

CSCD-UG.1601* 45 hours: 3 units. Fall.

Masters Student Seminar

CSD-GE.2000 30 hours: 0 units. Fall, spring.

Augmentative and Alternative Communication

CSCD-GE.2015 1 hour: 1 unit. Fall.

Motor Speech Disorders

CSCD-GE.2016* 30 hours: 3 units. Spring.

Therapeutic Approaches to Speech Pathology: Voice Disorders

CSCD-GE.2019 30 hours: 3 units. Fall.

Therapeutic Approaches to Speech Pathology: Aphasia

CSCD-GE.2020 30 hours: 3 units. Spring.

Adult Language Disorders

CSCD-GE.2021* 30 hours: 3 units. Fall.

Craniofacial Anomalies

CSCD-GE.2022* 30 hours: 3 units. Fall.

Neurogenic Speech Disorders in Children

CSCD-GE.2023* 30 hours: 3 units. Spring.

Fluency Disorders

CSCD-GE.2028* 30 hours: 3 units. Spring.

Language and Communication in Children with Autism Spectrum Disorders (ASD)

CSCD-GE.2030 20 hours: 2 units. Spring.

Language Development and Disorders in School-Aged Children

CSCD-GE.2035 30 hours: 3 units. Fall.

Voice Disorders

CSCD-GE.2037* 30 hours: 3 units. Fall.

Language Disorders in Children

CSCD-GE.2039* 30 hours: 3 units. Fall.

Advanced Anatomy, Physiology, and Neurology of the Speech and Hearing Mechanisms

CSCD-GE.2041* 30 hours: 3 units. Fall.

Dysphagia in Adults and Children

CSCD-GE.2060* 30 hours: 3 units. Spring.

Dysphagia in Infants and Toddlers

CSCD-GE.2062 15 hours: 1 unit. Fall.

Baby Trachs

CSCD-GE.2067 15 hours: 1 unit. Spring.

Principles of Intervention with Speech-Language Disorders

CSCD-GE.2075* 30 hours: 3 units. Fall, Spring. Prerequisites: CSCD-GE.2039 and CSCD-GE.2111.

Counseling Skills for Communicative Sciences and Disorders (1)

CSCD-GE.2077 15 hours: 1 unit. Fall.

Phonological Analysis of Normal and Disordered Speech

CSCD-GE.2108* 30 hours: 3 units. Spring.

Critical Evaluation of Research in Speech and Hearing Sciences and Disorders

CSCD-GE.2109* 30 hours: 3 units. Fall.

Multi-Cultural and Professional Issues in Communicative Sciences and Disorders

CSCD-GE.2110* 30 hours: 3 units. Fall, spring.

Diagnostic Methods in Speech Pathology and Audiology I

CSCD-GE.2111* 30 hours: 3 units. Fall, spring.

Computerized Analysis of Language Transcripts

CSCD-GE.2114 10 hours: 1 unit. Spring.

Advanced Clinical Practicum in Speech Pathology and Audiology

CSCD-GE.2115, 2116, 2117, 2118, 2119 45 hours per unit: 1-2 units. Fall, spring. Registration by permission of adviser.

Hearing Loss: Rehabilitation

CSCD-GE.2127* 30 hours: 3 units. Fall.

Perception and Production of Speech

CSCD-GE.2130 30 hours: 3 units. Spring.

Interdisciplinary Case-Based Management of Dysphagia

CSCD-GE.2165 10 hours: 1 unit. Intersession.

Independent Study

CSCD-GE.2300* 45 hours per unit: 1-6 units. Fall, spring, summer; hours to be arranged.

Research in Natural Language: Methods and Procedures

CSCD-GE.2402 15 hours: 1 unit. Fall.

Speech-Language Pathology Research Colloquium I

CSCD-GE.2420 15 hours: 1 unit. Fall, spring.

Honors Research: Speech-Language Pathology

CSCD-GE.2424 Hours to be arranged: 0 units. Fall, spring.

Speech Science: Instrumentation

CSCD-GE.2515 20 hours plus 10 hours arranged for lab sessions: 2 units. Fall.

Seminal Readings in Speech-Language Pathology and Audiology

CSCD-GE.3001 30 hours: 3 units. Spring.

Advanced Study: Adult Communication Disorders

CSCD-GE.3021 30 hours: 3 units. Spring.

Doctoral Seminar in Speech-Language Pathology and Audiology

CSCD-GE.3400 10 hours: 1 unit. Fall, spring.

NYU Steinhardt

Steinhardt School of Culture, Education, and Human Development

82 Washington Square East
New York, NY 10003-6680



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