COMMUNICATION SCIENCES AND DISORDERS

Dual-Titles

Dual-Title Ph.D. in Communication Sciences and Disorders and Language Science

Requirements listed here are in addition to requirements listed in GCAC-208 Dual-Title Graduate Degree Programs (https://gradschool.psu.edu/graduate-education-policies/gcac/gcac-200/gcac-208-dual-titles/).

Graduate students with research and educational interests in language science may apply to the Communication Sciences and Disorders and Language Science Degree Program. The goal of the dual-title degree in Communication Sciences and Disorders and Language Science is to enable graduate students from Communication Sciences and Disorders to acquire the knowledge and skills of their major area of specialization in Communication Sciences and Disorders, while at the same time gaining the perspective of the various disciplines contributing to the study of language science.

Admission Requirements

For admission to the dual-title degree under this program, a student must first apply and be admitted to the Communication Sciences and Disorders graduate program and the Graduate School. New graduate students in Communication Sciences and Disorders will receive information about the Language Science dual-title program, and may discuss their interest with one or more Language Science faculty in the Department of Communication Sciences and Disorders, in order to obtain a recommendation for admission to the Language Science program. Once accepted into the Communication Sciences and Disorders program, and with a recommendation from a Language Science program faculty member in that department, the student may apply to the dual-title Ph.D. program in Communication Sciences and Disorders and Language Science by submitting a letter describing the student's interest in the program. Refer to the Admission Requirements section of the Language Science Bulletin page (http://bulletins.psu.edu/graduate/programs/majors/language-science/). Doctoral students must be admitted into the dual-title degree program in Language Science prior to taking the qualifying examination in their primary graduate program.

Degree Requirements

To qualify for a dual-title degree, students must satisfy the requirements of the Communication Sciences and Disorders program in which they are primarily enrolled. In addition, students must complete the degree requirements for the dual-title Ph.D. in Language Science, listed on the Language Science Bulletin page (http://bulletins.psu.edu/graduate/programs/majors/language-science/). Within this framework, final course selection is determined by the student and their Communication Sciences and Disorders program adviser.

Particular courses may satisfy both the Communication Sciences and Disorders requirements and those in the Language Science dual-title program. Final course selection is determined by the student in consultation with their doctoral adviser and Ph.D. committee. In most cases, the number of total credits earned by a dual-title student will be from 6-12 more than those normally earned by a student in Communication Sciences and Disorders. Some courses which meet Language Science requirements (e.g., theoretical linguistics, neuroscience, psycholinguistics) may also fulfill the Communication Sciences and Disorders requirements for a related area outside the department; however, dual-title students are not required to count any particular Language Science requirement as their outside area. Dual-title students who choose an outside content area not related to Language Science will require more time to complete their program.

Students are expected to participate in weekly Language Science Research meetings each semester in residence.

The qualifying examination committee for the dual-title Ph.D. degree will be composed of Graduate Faculty from Communication Sciences and Disorders and must include at least one Graduate Faculty member from the Language Science program. Faculty members who hold appointments in both programs' Graduate Faculty may serve in a combined role. There will be a single qualifying examination, containing elements of both Communication Sciences and Disorders and Language Science. Dual-title graduate degree students may require an additional semester to fulfill requirements for both areas of study and, therefore, the qualifying examination may be delayed one semester beyond the normal period allowable.

In addition to the general Graduate Council requirements for Ph.D. committees (http://gradschool.psu.edu/graduate-education-policies/gcac/gcac-600/phd-dissertation-committee-formation/), the Ph.D. committee of a Communication Sciences and Disorders and Language Science dual-title Ph.D. student must include at least one member of the Language Science Graduate Faculty. Faculty members who hold appointments in both programs' Graduate Faculty may serve in a combined role. If the chair of the Ph.D. committee is not also a member of the Graduate Faculty in Language Science, the member of the committee representing Language Science must be appointed as co-chair. The Language Science representative on the student's Ph.D. committee will develop questions for and participate in the evaluation of the comprehensive examination.

Students in the dual-title program are required to write and orally defend a dissertation on a topic that is approved in advance by their Ph.D. committee and reflects their original research and education in Communication Sciences and Disorders and Language Science. Upon completion of the doctoral dissertation, the candidate must pass a final oral examination (the dissertation defense) to earn the Ph.D. degree. The dissertation must be accepted by the Ph.D. committee, the head of the graduate program, and the Graduate School.

Dual-Title Ph.D. in Communication Sciences and Disorders and Social and Behavioral Neuroscience

Requirements listed here are in addition to requirements listed in GCAC-208 Dual-Title Graduate Degree Programs (https://gradschool.psu.edu/graduate-education-policies/gcac/gcac-200/gcac-208-dual-titles/).

Graduate students with research and educational interests in neuroscience may apply to the Communication Sciences and Disorders and Social and Behavioral Neuroscience Degree Program. The goal of the dual-title degree in Communication Sciences and Disorders and Social and Behavioral Neuroscience is to enable graduate students from Communication Sciences and Disorders to acquire interdisciplinary training that will enable them to apply the techniques and perspectives of neuroscience to the study of communication sciences and disorders.

Admission Requirements

Before they can apply for admission to the dual-title degree program, students must apply and be admitted to the Ph.D. program in

Communication Sciences and Disorders and the Graduate School. Applicants who are interested in the dual-title degree program will have the opportunity to indicate this interest when applying to the program in Communication Sciences and Disorders and may discuss their interest with one or more Social and Behavioral Neuroscience faculty in the Department of Communication Sciences and Disorders. In their statements of purpose for admission, applicants may also comment on how their interests in Communication Sciences and Disorders are related to their interests in Social and Behavioral Neuroscience.

Students may apply for enrollment in the dual-title degree program in Social and Behavioral Neuroscience during their first year (second semester) or second year in Communication Sciences and Disorders. Refer to the Admission Requirements section of the Social and Behavioral Neuroscience Bulletin page (https://bulletins.psu.edu/graduate/programs/majors/social-behavioral-neuroscience/#admissionrequirementstext). Students must be admitted into the dual-title degree program in Social and Behavioral Neuroscience prior to taking the qualifying examination in Communication Sciences and Disorders.

Degree Requirements

To qualify for the dual-title degree, students must satisfy the degree requirements of the Ph.D. program in Communication Sciences and Disorders. In addition, students must complete the degree requirements for the dual-title in Social and Behavioral Neuroscience, listed on the Social and Behavioral Neuroscience Bulletin page (https://bulletins.psu.edu/graduate/programs/majors/social-behavioral-neuroscience/#degreerequirementstext).

Particular courses may satisfy both the Communication Sciences and Disorders requirements and those in the Social and Behavioral Neuroscience dual- title program. Final course selection is determined by the student in consultation with their doctoral adviser and Ph.D. committee. In most cases, the number of total credits earned by a dual-title student will be from 6-9 more than those normally earned by a student in Communication Sciences and Disorders.

The qualifying examination committee for the dual-title Ph.D. degree will be composed of Graduate Faculty from Communication Sciences and Disorders and must include at least one Graduate Faculty member from the Social and Behavioral Neuroscience program. Faculty members who hold appointments in both programs' Graduate Faculty may serve in a combined role. There will be a single qualifying examination, containing elements of both Communication Sciences and Disorders and Social and Behavioral Neuroscience. Dual-title graduate degree students may require an additional semester to fulfill requirements for both areas of study and, therefore, the qualifying examination may be delayed one semester beyond the normal period allowable.

In addition to the general Graduate Council requirements for Ph.D. committees (http://gradschool.psu.edu/graduate-education-policies/gcac/gcac-600/gcac-602-phd-committee-formation/), the Ph.D. committee of a Communication Sciences and Disorders and Social and Behavioral Neuroscience dual-title Ph.D. student must include at least one member of the Social and Behavioral Neuroscience Graduate Faculty. Faculty members who hold appointments in both programs' Graduate Faculty may serve in a combined role. If the chair of the Ph.D. committee is not also a member of the Graduate Faculty in Social and Behavioral Neuroscience, the member of the committee representing Social and Behavioral Neuroscience must be appointed as co-chair. The Social and Behavioral Neuroscience representative on the student's Ph.D. committee will develop questions for and participate in the evaluation of the comprehensive examination.

Dissertation and Dissertation Defense

Students in the dual-title program are required to write and orally defend a dissertation on a topic that is approved in advance by their Ph.D. committee and reflects their original research and education in Communication Sciences and Disorders and Social and Behavioral Neuroscience. The dissertation must involve the integration of neuroscience and a research question of interest within Communication Sciences and Disorders.Upon completion of the doctoral dissertation, the candidate must pass a final oral examination (the dissertation defense) to earn the Ph.D. degree. The dissertation must be accepted by the Ph.D. committee, the heads of both graduate programs, and the Graduate School.