



## Master of Arts in Speech and Hearing Science

This Master of Arts in Speech and Hearing Science program is primarily designed for those students who plan to pursue the doctoral degree in Speech and Hearing Science.

A student must complete a **minimum** of 30 semester hours of graduate course work. Students must take at least 4-semester hours in seminar-based courses. The remaining 26-semester hours must include graduate course work sufficient to meet the following course requirements:

### A. *Basic knowledge in speech and hearing science (8-10 hours)*

|                                       |                  |
|---------------------------------------|------------------|
| SHS 5765 Neurology                    | (3 credit hours) |
| Ling 4000 Phonetics                   | (3 credit hours) |
| SHS 5766 Signals and Systems          | (3 credit hours) |
| Ling 5101 Introduction to Linguistics | (3 credit hours) |
| SHS 5775 Advanced Hearing Science     | (3 credit hours) |
| SHS 7820 Acoustic Phonetics           | (3 credit hours) |
| SHS 5776 Advanced Speech Science      | (3 credit hours) |
| SHS 7858 Psychoacoustics              | (3 credit hours) |

### B. *Research Tools (8-10 hours)*

1. Two courses (4-6 credits) are required. Courses can be chosen from a variety of departments including:

|   |                  |
|---|------------------|
| SHS 6785 Research Methods I                     | (3 credit hours) |
| Stat 5301 Data Analysis I                       | (3 credit hours) |
| SHS 6786 Research Methods II                    | (3 credit hours) |
| Stat 5302 Data Analysis II                      | (4 credit hours) |
| Psych 6810 Statistical Methods in Psychology I  |                  |
| AgEd 8851 Research Methods                      | (3 credit hours) |
| Psych 6811 Statistical Methods in Psychology II |                  |
| AgEd 886 Research Proposal                      | (3 credit hours) |
| AgEd 887 Research Proposal II                   | (3 credit hours) |

2. At least two courses (2-4 hours) in experimental methodology, signal processing, computer applications to speech and/or hearing science, modeling, etc., such as the following:

SHS 7832 Experimental Phonetics

SHS 8950 Seminars on selected topics in SHS

***C. Related areas of research (6-8 hours). Possible courses would include:***

Ling 8100 Seminar in Advanced Phonetics (2 credit hours)

Ling 8700 Seminar in Psycholinguistics

**All students pursuing a non-professional MA degree in Speech and Hearing Science must write a master's thesis.**