Arizona State University (Tempe campus)

Auditory and Language Neuroscience, MS

Study details

Course type: Master's degree
Degree: Auditory and Language Neuroscience, MS NHALNEUMS
Study mode: Full time
Duration: 24 Month

Cost of study

Cost : 39 526 USD
Reg. fee : 115 USD
Scolarship :
Insurance : 2 765 USD

Intake/s

Jan/Aug

Requirements
Admission requirements

- Applicants must fulfill the requirements of both the Graduate College and the College of Health Solutions.
- Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any field from a regionally accredited college or university.
- Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or they must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

1. graduate admission application and application fee
2. official transcripts
3. three references (academic or professional)
4. letter of intent
5. resume or curriculum vitae
6. proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency *(TOEFL 80 (no band below 20) (IELTS 6.5 at least 6.0 in all skills))* regardless of their current residency.

In the letter of intent, applicants should indicate potential research mentors with whom they are interested in working, previous experiences that have prepared them for success in the program, and career plans.

Contact information for three references is required. References will be contacted via email to submit a letter of recommendation and respond to a series of questions about the applicant. References should be instructors, research mentors or clinical supervisors who can speak to the applicant's aptitude for research and master's-level coursework.

Applicants are encouraged to submit an optional writing sample, such as an honors thesis, conference abstracts, articles or chapters.

Accommodation

Provided by partner agencies;

On-campus housing and meals $18,933

Speciality
STEM-OPT for international students on F-1 visas

This program may be eligible for an Optional Practical Training extension for up to 24 months. This OPT work authorization period may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension at ASU's International Students and Scholars Center website.

The OPT extension only applies to students on an F-1 visa and does not apply to students completing a degree through ASU Online.

Additional information

Program description

Degree awarded: MS Auditory and Language Neuroscience

The MS program in auditory and language neuroscience trains scholars in basic and applied research to prepare them for doctoral-level graduate studies and for positions in science, health care and industry.

In addition to innovative coursework in neuroscience, this program includes hands-on training in instrumentation such as neuroimaging, neurophysiology and clinical research applications. Students develop a strong foundation that enables them to conduct impactful neuroscience research related to auditory and language processing and human communication.

Accelerated program options

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

- Speech and Hearing Science, BS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master’s during the junior year of their bachelor's degree program.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Demonstrate the ability to critically analyze and synthesize knowledge from the neuroscience research literature related to language and hearing
- Demonstrate competence in experimental design, data collection, data analysis and interpretation of neuroscience research related to language and hearing
- Demonstrate the ability to identify and describe principles and concepts related to the responsible conduct of research

Career opportunities

The experience that graduates have acquired through clinical and medical applications and the skills they have gained in lab rotations give them increased marketability and enable them to be competitive for jobs in technology or for further doctoral-level training.

Employment opportunities for graduates include working in team settings in clinical research centers and hospitals; with manufacturers of hearing aids, cochlear implants and EEG systems or augmentative and alternative communication applications; and with software development companies working with speech recognition programs and brain--computer interfaces.

Career examples include:

- data analyst
- educator
- laboratory technician or manager
- product developer
- public relations specialist or spokesperson for a research institute or device manufacturer
- research scientist
- speech analyst for a tech company