- Addictions & Rehabilitation Studies
- Biostatistics
- Clinical Laboratory Science
- Communication Sciences & Disorders
- Health Services & Info. Management
- Nutrition Science
- Occupational Therapy
- Physical Therapy
- Physician Assistant
Department of Communications Sciences and Disorders

Degrees Offered:
- BS, Speech & Hearing Sciences
- MS, Communication Sciences & Disorders
- AuD (Doctor of Audiology)
- PhD, Communication Sciences & Disorders

Clinic:
ECU Speech-Language & Hearing Clinic
Admissions Information
Admissions

- The admissions committee will make a holistic judgment of applicant qualifications. Admission to study at the doctoral level requires acceptance by the Graduate School and the department. The application for admission to the Graduate School and official transcripts from each college or university attended must be sent to the Dean of the Graduate School.

- Applicants seeking admission to doctoral study should have completed a well-integrated program of study that includes coursework in biological and physical sciences and mathematics, behavioral and/or social sciences, and human communication sciences and disorders. Hearing science and Introduction to Audiology courses are recommended.
1. Bachelor’s or master’s degree or its equivalent from a regionally accredited institution with a minimum overall grade point average of 3.2 (on a scale of A=4.0).

2. The following undergraduate course prerequisites are required: life sciences (6 s.h.), physical sciences (3 s.h.), behavioral sciences (6 s.h.), English (3 s.h.), mathematics (3 s.h.), statistics (3 s.h.), anatomy and physiology (3 s.h.), and language development (3 s.h.). Other courses in communication sciences and disorders are strongly encouraged, especially hearing science and introduction to audiology. Contact program director for pre-requisite waiver requests.

3. Graduate Record Examination within five years. Recent applicants have had mean GRE scores of 150 for verbal, 150 for quantitative, and 4.0 for analytic writing. The GRE is waived as an entrance requirement for EC Scholars at East Carolina University if other criteria are met.
Admissions (cont.)

4. ECU students accepted in the Early Assurance program are guaranteed entry upon completion of their undergraduate degree provided they satisfy program requirements.

5. Three (3) letters of recommendation, at least two from faculty of the college(s) or university(s) previously attended.

6. A statement that summarizes reasons for pursuing a clinical doctorate in audiology.

7. Telephone, online video chat, or face-to-face interview.
How will you be evaluated?

1. Academic Record
2. GRE scores
3. Letters of Recommendation
4. Personal Statement regarding interest in studying audiology
5. Letters of Recommendation
6. Telephone, online chat, or face-to-face interview: part of the application process and will be considered
Student Funding
Graduate Assistantships

- Graduate research and teaching assistantships are generally available to selected first and second year AuD students
  - Award amounts and availability vary from year to year

- Assistantships are merit-based and are competitive
  - No separate application process
Graduate Assistantships

What are we looking for:

- Demonstrated record of academic excellence
- Competitive GRE scores
- Demonstrated leadership experience
- Knowledge of and interest in current audiology research and literature-base
- Willingness to accept responsibility for your work
- Exceptional professionalism
- Previous experience in audiology clinic or research laboratory not required
Student Funding

- There may be research opportunities in labs that are sponsored by grants and external funding sources

- There is currently a scholarship available to one AuD student during the 2\textsuperscript{nd}-3\textsuperscript{rd} year of the program; geared toward a student interested in private practice

- Additionally, one first year student and one second year student may be selected for a clinic assistant position
Student Positions

- In addition to positions within CSDI, there are always opportunities for students to work across campus in other departments.

https://ecu.peopleadmin.com/
Sample Curriculum
# AuD Sample Curriculum

**Subject to change without notification**

<table>
<thead>
<tr>
<th>First Year</th>
<th>Second Year</th>
<th>Third Year</th>
<th>Fourth Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fall</td>
<td>Fall</td>
<td>Fall</td>
<td>Fall</td>
</tr>
<tr>
<td>Methods I &amp; Lab</td>
<td>Electrophysiology I &amp; Lab</td>
<td>Hearing Conservation</td>
<td>Residency</td>
</tr>
<tr>
<td>Auditory Physiology</td>
<td>Advanced Pediatric Assessment</td>
<td>Professional Issues</td>
<td></td>
</tr>
<tr>
<td>Advanced Acoustics</td>
<td>Assessment &amp; Mgmt. of Vestibular System</td>
<td>Clinical Rotation</td>
<td></td>
</tr>
<tr>
<td>Amplification I</td>
<td>Cochlear Implant Technology &amp; Research</td>
<td>Capstone I - ELECTIVE</td>
<td></td>
</tr>
<tr>
<td>Clinical Rotation</td>
<td>Clinical Rotation</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Spring</td>
<td>Spring</td>
<td>Spring</td>
<td>Spring</td>
</tr>
<tr>
<td>Psychoacoustics</td>
<td>Electrophysiology II &amp; Lab</td>
<td>Auditory Perception of Speech</td>
<td>Residency</td>
</tr>
<tr>
<td>Amplification II</td>
<td>Aural Rehabilitation</td>
<td>Grand Rounds</td>
<td></td>
</tr>
<tr>
<td>Auditory Processing Disorders</td>
<td>Management of Health Care Op. - ELECTIVE</td>
<td>Clinical Rotation</td>
<td></td>
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<tr>
<td>Methods II &amp; Lab</td>
<td>Cochlear Implants</td>
<td>Capstone II - ELECTIVE</td>
<td></td>
</tr>
<tr>
<td>Clinical Rotation</td>
<td>Clinical Rotation</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Summer</td>
<td>Summer</td>
<td>Summer</td>
<td></td>
</tr>
</tbody>
</table>
AuD Sample Curriculum

- 11 semesters; 99 semester hours (69 s.h. academic coursework; 30 s.h. clinical)
- Years 1 & 2: Coursework is completed on campus
  - On-campus or local/regional clinical placements
- Year 3: Coursework is completed distance-ed
  - Clinical placements can be local, regional, or national
- Year 4: Clinical residency (no academic coursework)
Curriculum: Gateway Examination

- During the end of spring semester, faculty who has taught the AuD students during the fall and/or spring semester of Year 1 will develop Gateway Examination questions that will be administered to all first year AuD students.
- Questions on the Gateway Examination relate back to the didactic courses taken during the first year. Faculty will rate the exam responses as satisfactory or unsatisfactory. Satisfactory corresponds to a score of 80% or better.
- If a student receives an unsatisfactory score, they must retake the examination within 4 weeks of the notification of that initial Gateway examination score.
- Failure to successfully pass the Gateway Examination will result in termination of the student from the program.
Clinical Placements
AuD Clinical Placements

- **Year 1:** ECU SLHC (Fall, Spring, Summer)

- **Year 2:** ECU SLHC & Local sites (Fall, Spring, Summer)
  - Ex: Greenville VA Health Care Center, Vidant Health, Eastern Carolina ENT, Pitt County Schools, Carolina East ENT, Eastern NC School for the Deaf, private practice audiology

- **Year 3:** Local, regional, and national clinical sites (Fall, Spring, Summer)
  - Academic coursework completed through distance-ed application

- **Year 4:** Clinical residency (Begins Summer year 3 or Fall year 4)
Financial Information
## Tuition: Fall and Spring

### Example: Spring 2016 Tuition Rates

<table>
<thead>
<tr>
<th>Graduates and Professional Level</th>
<th>Per Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>Resident (In-State)</td>
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</tr>
<tr>
<td>Part Time 1-2 Hours</td>
<td>$1388.25</td>
</tr>
<tr>
<td>Part Time 3-4 Hours</td>
<td>$1728.00</td>
</tr>
<tr>
<td>Part Time 5 Hours</td>
<td>$1848.00</td>
</tr>
<tr>
<td>Full Time 6-8 Hours</td>
<td>$2008.00</td>
</tr>
</tbody>
</table>

| Non-Resident (Out of State)     |             |
| Part Time 1-2 Hours             | $2120.00    |
| Part Time 3-4 Hours             | $2450.00    |
| Part Time 5 Hours               | $2570.00    |
| Full Time 6-8 Hours             | $2880.00    |

*Some graduate classes are assessed additional tuition.*

- All MBA/MSA classes will be assessed an additional $325.00 per credit hour for tuition.
- All MSW/CPNP Nursing/PhD Master's in MSW classes will be assessed an additional $125.00 per credit hour for tuition.
- All MS in CSDI classes will be assessed an additional $50.00 per credit hour for tuition.
- All Aud/MPH classes will be assessed an additional $50.00 per credit hour for tuition.

*All MS in OT classes will be assessed an additional $50.00 per credit hour for tuition.
- All OPF classes will be assessed an additional $40.00 per credit hour for tuition.
- All PA classes will be assessed an additional $127.00 per credit hour for tuition.
- All MS of Social Work classes will be assessed an additional $34.00 per credit hour for tuition.
- All MPH classes will be assessed an additional $100.00 per credit hour for tuition.*
Tuition: Summer

### GRADUATES

<table>
<thead>
<tr>
<th></th>
<th>per credit hour</th>
</tr>
</thead>
<tbody>
<tr>
<td>Resident Tuition</td>
<td>$261.33</td>
</tr>
<tr>
<td>Non-Resident Tuition</td>
<td>961.44</td>
</tr>
<tr>
<td>Additional Professional Tuition</td>
<td>***</td>
</tr>
<tr>
<td>University Fees*</td>
<td>99.27</td>
</tr>
<tr>
<td>Educational/Technology Fee*</td>
<td>20.11</td>
</tr>
<tr>
<td>Health Service Fee*</td>
<td>13.56</td>
</tr>
<tr>
<td>Safety and Security Fee</td>
<td>1.67</td>
</tr>
<tr>
<td>Total (N.C. Resident)</td>
<td>$396.94</td>
</tr>
<tr>
<td>Total (Non-Resident)</td>
<td>$1,096.05</td>
</tr>
</tbody>
</table>

Example: Summer 2016 Tuition Rates

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Some graduate and undergraduate classes are assessed special course fees.

*** All MBA/MSA classes will be assessed an additional $25.00 per credit hour for tuition.
*** All MSN/DNP/PhD Nursing/Post Master’s in MSN classes will be assessed an additional $25.00 per credit hour for tuition.
*** All MS in CSEB classes will be assessed an additional $50.00 per credit hour for tuition.
*** All MS in OT classes will be assessed an additional $50.00 per credit hour for tuition.

*** All DPT classes will be assessed an additional $40.00 per credit hour for tuition.
*** All AuD/PhD will be assessed an additional $75.00 per credit hour for tuition.
*** All MPH classes will be assessed an additional $100.00 per credit hour for tuition.
*** All MS of Social Work classes will be assessed an additional $54.00 per credit hour for tuition.
Speech-Language and Hearing Clinic
ECU-SLHC

- 5 Audiology Suites
  - Vestibular (VNG/ENG, rotational chair, VEMP, SVV, DVA)
  - Electrophysiologic
  - Diagnostic
  - 2 hearing aid/cochlear implant programming suites

- 3 sound booths with state-of-the-art equipment

- 10 SLP treatment rooms and 1 group room
ECU-SLHC

Clinic Lobby

Audiology Wing

Audiology Intake Room
ECU-SLHC

Hearing Aid/Cochlear Implant Suite

SLP Therapy Room
Audiology Faculty
Audiology Faculty

- **Andrew Stuart, PhD, Professor**

  - Courses Taught:
    - Methods in Clinical Audiology II & Lab
    - Advanced Electrophysiological Measures & Lab
    - Electrophysiologic Measures in Audition II
    - Psychoacoustics
    - Audiology Clinical Rotation
Audiology Faculty

- Andrew Stuart, PhD, Professor

- Research Labs
  - **Electrophysiology Laboratory:** This lab is designed and equipped to perform research projects involving brain mapping, as well as the investigation of evoked potentials. Current research includes examining the effect of gender on the N1-P2 auditory complex while listening and speaking with altered auditory feedback, and auditory brainstem responses to air and bone conducted chirp and click stimuli in newborns.

  - **Psychoacoustics Laboratory:** Current and recent research include investigating auditory long latency responses to tonal and speech stimuli.
Audiology Faculty

● Deb Culbertson, PhD, Clinical Professor

● Courses Taught:
  ○ Methods in Clinical Audiology I & Lab
  ○ Methods in Amplification
  ○ Aural Rehabilitation
  ○ Audiology Clinical Rotation
Audiology Faculty

- Deb Culbertson, PhD, Clinical Professor

- Research Interests:
Audiology Faculty

- Ning Zhou, PhD, Assistant Professor

  - Courses Taught:
    - Auditory Perception of Speech
    - Advanced Acoustics
    - Cochlear Implants
Audiology Faculty

● Ning Zhou, PhD, Assistant Professor

● Research Labs:
  ○ Zhou Auditory Prosthesis Laboratory: Recent research interests include relating psychophysical data to the sensory and neural status of implanted ears in humans, understanding the relative importance of spectral and temporal processing acuity for perception, and designing optimal processor mapping strategies for cochlear implant users. I recently received a NIH NIDCD R-3 award to support the lab for the next three years (March, 2016).

http://blog.ecu.edu/sites/zhou/research/
Audiology Faculty

- Andrew Vermiglio, AuD, Assistant Professor
  - Director of CSDI Undergraduate Education

- Courses Taught:
  - Auditory Physiology
  - Auditory Processing
  - Introduction to audiology (Undergraduate)
  - Hearing Science (Undergraduate)
Audiology Faculty

- Andrew Vermiglio, AuD, Assistant Professor

- Research Labs:
  - Speech Perception Laboratory: The goal of the Speech Perception Laboratory is to investigate the effect of participant and test factors on the ability to recognize speech in quiet and noisy environments.
Audiology Faculty

- Larissa Heckler, AuD, Clinical Instructor
  - Courses Taught:
    - Audiology Clinical Rotation
Audiology Faculty

- **Larissa Heckler, AuD, Clinical Instructor**

- **Research Interests:**
  - Vestibular and balance disorders
  - Auditory evoked responses
  - Comprehensive audiometric evaluations
  - Tinnitus evaluation, treatment, and counseling
  - Hearing instrument evaluation, fitting, and counseling
Audiology Faculty

● Ellen Poland, AuD, PhD, Clinical Instructor
  ○ AuD Clinical Coordinator; responsible for all AuD clinical placements

● Courses Taught:
  ○ Advanced Methods in Clinical Amplification II
  ○ Audiology Clinical Rotation
Audiology Faculty

- William Eblin, AuD, Clinical Instructor
  - AuD Program Director

- Courses Taught:
  - Assessment and Management of the Vestibular System
  - Auditory Pathologies
  - Audiology Clinical Rotation
Contact Us:

- Questions about the AuD Program:
  - Dr. William Eblin
    - eblinw15@ecu.edu

- Questions about the application:
  - ECU Graduate School
    - (252) 328-6131