



VANDERBILT®  
SCHOOL OF MEDICINE

Hearing and Speech Sciences

## Specialty Training Track: Early Identification and Management of Infants and Children with Hearing Loss Specialty Track for Au.D. Students

**This program is funded by a U.S. Department of Education training grant entitled “Interdisciplinary Personnel Preparation to Serve Infants and Young Children with Hearing Loss.”**

Students enrolled in the Au.D. program are required to complete a minimum of 85 semester hours of didactic coursework and clinical practicum concluding in a clinical externship. Students participating in this Specialty Track must also complete the following additional coursework designed to augment their traditional curriculum in childhood hearing loss:

- **8 hours of additional coursework** plus Maymester
- **3 week Maymester:** This training includes 3-week Maymester immersion program at a site that specializes in childhood hearing loss.
- **Clinical Practicums:** Trainees will receive placements in the department’s preschool for children with hearing loss – the Mama Lere Hearing School, and the newborn nurseries at Vanderbilt University Medical Center, among others. Placements at these sites will include hands-on experience in delivering hearing loss-specific services.

### **OTHER PROGRAM OPPORTUNITIES:**

**Hearing Loss Journal Club:** Trainees will participate in a monthly journal club devoted to research-to-practice guided readings and discussions in the area of childhood hearing loss.

**Travel Award:** Trainees will receive funding to attend the Early Hearing Detection and Intervention (EHDI) Annual Meeting.

This interdisciplinary approach to training – by including speech-language pathology, audiology, and deaf education students together in core courses while maintaining separate courses that are specific to their disciplines – is unique to our Vanderbilt Department of Hearing and Speech Sciences program.

**For more information please contact: Anne Marie Tharpe, Grant Program Director**

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*<https://medschool.vanderbilt.edu/hearing-speech/aud/specialtytrack/>*

## AuD Program of Study Curriculum

Courses Required		Course Name/hours
All AUD students	Pediatric Hearing Specialty Track	
<b>FALL - YEAR 1</b>		
X		AUD 5233 Introduction to Neuroscience (3 hrs.)
X		SLP 5304 Child Language Acquisition (if not taken as undergrad. - 3 hrs.)
X		AUD 5310 Measurement of Hearing (4 hrs.)
X		AUD 5359 Acoustics, Calibration & Instrumentation (3 hrs.)
X		AUD 5580 Introduction to Clinical Case Conference (1hr.)
X		AUD 5585 Practicum & Clinical Case Conference (3 hrs.)
<b>SPRING - YEAR 1</b>		
X		AUD 5227 Anatomy and Physiology of Hearing Mechanisms (3 hrs.)
X		AUD 5328 Psychoacoustics (3 hrs.)
X		AUD 5339 Amplification I (2 hrs.)
X		AUD 5340 Amplification I - Lab (1hr.)
X		AUD 5368 Clinical Research Design (3 hrs.)
X		AUD 5585 Practicum & Clinical Case Conference (3 hrs.)
<b>SUMMER - YEAR 1</b>		
	X	MDE 5322 Children with Hearing Loss & Multiple Disabilities (3 hrs.)
X		AUD 5337 Auditory Clinical Electrophysiology (3 hrs.)
X		AUD 5585 Practicum and Clinical Case Conference (3 hrs.)
<b>FALL - YEAR 2</b>		
		List Courses:
X		AUD 5325 Pediatric Audiology (3 hrs.)
X		AUD 5345 Amplification II (3 hrs.)
X		AUD 5346 Vestibular Sciences I (3 hrs.)
	X	MDE 5392 Teaching Children with HL (2 hrs.)
X		AUD 5585 Practicum & Clinical Case Conference (3 hrs.)
<b>SPRING - YEAR 2</b>		
X		AUD 5216 Introduction to Billing and Coding (1hr.)
X		AUD 5318 Aural Rehabilitation for Children (3hrs.)
		AUD 5327 Hearing Loss & Speech Underst. (Elective - Spring even years - 3 hrs.)
X		AUD 5332 Pathology of the Auditory System (3 hrs.)
X		AUD 5367 Professional Issues & Ethics (2hrs.)
X		AUD 5581 Capstone I (3 hrs.)
X		AUD 5585 Practicum & Clinical Case Conference (3 hrs.)
	X	MDE 5312 Psych. & Culture of the Deaf (2hrs.)

Courses Required		Course Name/hours
All AUD students	Pediatric Hearing Specialty Track	
<b>MAYMESTER - YEAR 2</b>		
		AUD 5374 Overview of Intraop. Monitoring (elective - 1 hr.)
		AUD 5357 Internship/Externship: Audiology (elective - 1hr.)
<b>SUMMER - YEAR 2</b>		
X		AUD 5347 Vestibular Sciences II (If T35, discuss with Advisor - 3 hrs.)*
	X	MDE 5356 Internship/Externship
X		AUD 5361 Family Ctrd Couns. & Interviewing (if T35, take during Spring Year 3 - 2 hrs.)
	X	MDE 5394 Educational Programming and Service Delivery for Children with Hearing Loss (1 hr.)
X		AUD 5581 Capstone I (3 hrs.)
X		AUD 5585 Practicum & Clinical Case Conference (3 hrs.)
<b>FALL - YEAR 3</b>		
X		AUD 5350 Vestibular Sciences III (Elective - 2 hrs.)
X		AUD 5354 Cochlear Implants (3 hrs.)
X		AUD 5582 Capstone II (3 hrs.)
X		AUD 5585 Practicum & Clinical Case Conference (3 hrs.)
<b>SPRING - YEAR 3</b>		
Summative Evaluation I: Preparation for Externship		
		AUD 5327 Hearing Loss & Speech Underst. (Elective - Spring even years - 3 hrs.)
X		AUD 5332 Pathology of the Auditory System (3 hrs.)
X		AUD 5353 Amplification III (3 hrs.)
X		AUD 5365 Business & Financial Management for Audiologists (3 hrs.)
X		AUD 5585 Practicum & Clinical Case Conference (3 hrs.)
		HRSP 8383 Sem. in Auditory & Vestib. Neuro. (Elective - Spring or Even Yrs. - 3 hrs.)
<b>SUMMER - YEAR 3, FALL - YEAR 4 &amp; SPRING - YEAR 4</b>		
X		AUD 5355 Externship (Summer 3 - 3 hrs.)
X		AUD 5355 Externship (Fall 4 - 3 hrs.)
X		AUD 5355 Externship (Spring 4 - 3 hrs.)