UF | UNIVERSITY of FLORIDA

Pediatric Audiology
3 Credit Hours
SPA6305 - 16612 Section: 1H14
Class Periods: Wednesdays, 8:30 am -11:30 am
Location: HPNP G-108 (Communicore)
Academic Term: Fall 2024

Instructor Details
Instructor: Hollea Ryan, Au.D., Ph.D., CCC-A
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Office Phone Number: 352-273-9716
Office Hours: Thursdays, 1:00 pm 2:00 pm or by appointment (virtual or in person)
Office Location: Room 2135
Virtual Office: https://ufl.zoom.us/j/8048190176
Preferred Method of Contact: email (hollea.ryan@phhp.ufl.edu) or via Canvas messaging (email)

Course Description
Pediatric Audiology.

Course Pre-Requisites / Co-Requisites
Pre-requisites - SPA 5304.

Course Format
This is a seminar-style, in-person course. Students are expected to read assignments prior to class so that they can participate during in-class discussion.

Course Objectives

At the completion of this course, students will be able to:

1) List basic embryonic development at various gestiational periods.
2) Discuss the various testing procedures that are used to obtain hearing thresholds in the pediatric population.
   a. Identify which assessment is age appropriate and/or developmentally appropriate for a given child.
3) List at least three treatment and/or intervention options for various types and degrees of hearing loss in the pediatric population, and provide a rationale for these treatment options.
4) Describe pediatric amplification selection, verification, orientation and validation processes.
5) Identify solutions to ensure hearing aid retention on children.
6) Differentiate between types of genetic, syndromic, and aquired hearing loss.
7) List basic embryonic development at various gestiational periods.
8) List and detail atributes of federal laws related to children with special needs.
9) Discuss various educational accommodations that can occur in a given classroom setting.
10) Details various aspects of EHDI programs, from initial screenings at birthing facilities through the end of Early Intervention Services (~age 3).
    a. Details benefits and limitiations of various communication options for families to select as a method of communcation of a child diagnosed with HL.

ASHA Audiology Standards Covered

2020 CFCC Standard IV as part of ASHA Certification (CCC-A)	2017 CAA's Standards	Evaluation Method
	3.1.1A	Assessment
IV-A: A1, A2, A4, A5, A6, A7, A8, A9, A10, A15, A16, A17, A19, A20, A26, & A29	3.1.2A	Assessments; Final Project
IV-B: B1, B2, B3 & B4	3.1.3A	Assessments; Assignments
IV-C: C1, C2, C3, C4, C5, C7, C8, C9, C10 & C11	3.1.4A/3.1.5A	Assessments; Final Project
IV-D: D1, D2, D5, D6, & D7	3.1.6A	Assessments; Assignments
IV-E: E1, E2, & E3		Assessments; Assignments
IV-F: F1, F2, F3, F4, & F6		Assessments; Assignments

Materials and Supply Fees
-No fees.

Required Textbooks and Software
- Tharpe, A. M. & Seewald, R. (2017). *Comprehensive Handbook of Pediatric Audiology (2nd ed.).* San Diego, CA: Plural Publishing.

- Supplementary readings will be provided for weekly reading in each week's Module. Students will be responsible for the articles under the "Required Reading" label in each week's module.

Communication Guidelines

Please make sure you utilize appropriate etiquette in all in-person and online communication opportunities. Please see this guide for additional information:

http://teach.ufl.edu/wp-content/uploads/2012/08/NetiquetteGuideforOnlineCourses.pdf

Course Schedule*

SPA 6305 - Pediatric Audiology				
Week	Date	Topic(s)	Readings	Assignments Due (start of class)
Week 1	School starts 8/22/24	NO CLASS	{Tharpe & Seewald}	
Week 2	8/28/2024	1) overview of course & syllabus 2) Review of Embryonic Development 3) Development of Auditory System (Normal Hearing)	Chs. 1, 2, & 4	

Week 3	9/4/2024	1) Brief Newborn Hearing Screenings Overview 2) Epidemiology of Childhood HL 3) Genetics of Childhood HL	Chs. 5, 6, & 15 Ch. 16 optional	Test question (Weeks 2 & 3)
Week 4	9/11/2024	1) **Exam 1** 2) Group Project (on-own)		
Week 5	9/18/2024	1) Preventable HL 2) CHL in children 3) Pseudohypacusis 4) ANSD (Overview)	Chs. 9, 10, 11, and 14	Test questions
Week 6	9/25/2024	1) MHL 2) SNHL 3) School-aged children 4) Adolescents	Chs. 36, 37, 28, & 39 optional: 40	Test questions

Week 7	10/2/2024	**Overview of:**
		   1) ME Assessment
		   2) OAEs in children
		   3) Threshold Assessment
		     with ABR
		   4) In-class Activity
			Chs. 19, 20, & 21	1) Test questions
				2) Case Study 1

Week 8	10/9/2024	1) Behavioral Assessment 2) Complex Cases 3) Lab Activity	Chs. 23 & 24	Test questions
Week 9	10/16/2024	1) **Exam 2** 2) Group Project		
Week 10	10/23/2024	1) HX of Childhood HL Management 2) HA Fitting 3) HA Orientation 4) lab activity - time permitting	Chs. 25, 26, & 33	1) Test questions 2) Case Study 2
Week 11	10/30/2024	1) Remote Mic Systems 2) Outcome Measures 3) Facilitating Communication	Chs. 27, 28, & 34	Test questions
Week 12	11/6/2024	Guest Presentation (tentative) Pediatric Amp Options		
Week 13	11/13/2024	Cochlear Implants in Children	Chs. 29 & 30	1) Case Study 3 2) Test questions
Week 14	11/20/2024	1) **Final Exam** 2) Group Project		
Week 15	11/28/2023	NO CLASS - Thanksgiving		
Week 16	12/4/2024	1) Last Day of Class 2)Final Group Project Time 3) HR @ ASHA		Family Resource Page due 11:59 pm

*Please note that the course schedule is tentative and may be adjusted at the instructor's discretion based on the needs of the class, guest speakers, etc.

** Unless an activity is indicated as "in-class", all assignments are due by the date indicated on the schedule **by the start of class.**

Attendance Policy, Class Expectations, and Make-Up Policy

Class attendance is expected and necessary for course discussions. Tardies are disruptive and students are encouraged to avoid arriving to class late. Excessive tardies (i.e., 3 or more) will result in a 1-point decrease in the student's final grade. Students are responsible making arrangements to obtain notes and/or other details from classmates regarding the missed class.

All assignments are expected to be turned in by the due date **and** time (e.g., assignments by the start of class; exams by the end of class). A reduction in the overall grade by 5% per day, for up to 3 days after the assignment due date/time will occur. Any assignments submitted after 3 days will not be accepted unless prior approval has been granted by the instruction based on University policy for excused absences. *If a student is absent on the day of an in-class activity/assignment, he/she will receive a grade of zero for that assignment, unless the absence is pre-approved by the instructor or meets University requirements for an excused absence.* Excused absences must be consistent with university policies in the Graduate Catalog and require appropriate documentation. Additional information can be found in Attendance Policies.

Furthermore, it is expected that students will complete all readings, projects, assignments, etc., prior to class and/or by the due date. The completion of these requirements facilitates a student's ability to learn from lectures and discussions that occur in class. Information will be presented in a variety of ways to assist the student in learning; however, the student is ultimately responsible for learning the material. The instructor's job is to facilitate learning. Therefore, you are expected to participate in discussions, activities, and other interactions within the class to enhance the learning environment for all students.

Students with prior knowledge of excused absences should attempt to have previous assigned worked submitted by the due date; however, should a student who has an excused or approved absence miss a deadline, they will have 1 week following their return to campus to complete the activity/assignment or the assignment will receive a grade of zero. Please consult with the instructor to arrange and confirm adjusted due dates.

In fairness to all students attending class, and as a form of respect towards the instructor and any guest lectures, cell phones should be placed on mute when entering the class AND placed out of view. When appropriate, students will be given ample breaks and can check their phones during these breaks. Students may use their laptops to take notes. Should laptop use become a distraction during class, the instructor reserves the right to revoke the use of electronic devices during class.

When attending class, either in-person or virtually, students are encouraged to take handwritten notes. Although students may find it easier to take notes via a computer, research suggests that students who take **hand-written notes often perform better** than their classmates who use computers for taking notes. (http://www.psychologicalscience.org/index.php/news/releases/take-notes-by-hand-for-better-long-term-comprehension.html) Additionally, student performance improves when students summarize the lecture when taking notes instead of attempting to capture it word for word. Therefore, regardless of how you take notes (handwritten or typed), please attempt to summarize the discussion in your own words.

EXTERSHIP INTERVIEWS
It is known by the instructor that this is the time of the year when students are completing interviews for externships. It is also acknowledged that some interviews are often scheduled during class times. While students are encouraged, when possible, to schedule a meeting time outside of class and clinic schedules, it is recognized that this sometimes isn't possible. Therefore, the instructor will grant up to two (2) excused absences for anyone needing to travel and/or complete a virtual interview. Students are encouraged to attend class virtual after their meeting or in person whenever possible. Students completing interviews will be excused from in-class

participation activities; however, all other associated assignments should be turned in by the due date unless other arrangements are made with the instructor prior to the student's interview.

Evaluation of Grades

Assignment	Total Points	Percentage of Final Grade
Test Questions - 8 weekly submissions	10 points each	10%
Case Studies - 3 Case Studies Summaries	15 points each	15%
Exams Four exams will be completed over the course of the semester.		50%
Exam 1	50 points	-
Exam 2	100 points	-
Exam 3	100 points	-

Final Group Project
Student Created "Webpage" for Families
    a) EHDI Program
    b) Communication Options
	100 points	25%

Total Percentage		**100%**

Grading Scale

Percent	Grade	Grade Points
93.0 - 100.0	A	4.00
90.0 - 92.9	A-	3.67
87.0 - 89.9	B+	3.33
83.0 – 86.9	B	3.00
80.0 - 82.9	B-	2.67
77.0 - 79.9	C+	2.33
73.0 – 76.9	C	2.00
70.0 - 72.9	C-	1.67
67.0 - 69.9	D+	1.33
63.0 - 66.9	D	1.00
60.0 - 62.9	D-	0.67
0 - 59.9	E	0.00

More information on UF grading policy may be found at:
UF Graduate Catalog
Grades and Grading Policies

Please be aware that a C- is not an acceptable grade for graduate students. The GPA for graduate students must be 3.0. in all 5000 level courses and above to graduate. A grade of C counts toward a graduate degree only if a sufficient number of credits in courses numbered 5000 or higher have been earned with a B+ or higher.

Students Requiring Accommodations

Students with disabilities who experience learning barriers and would like to request academic accommodations should connect with the disability Resource Center. Click here to get started with the Disability Resource Center. It is important for students to share their accommodation letter with their instructor and discuss their access needs, as early as possible in the semester.

Course Evaluation

Students are expected to provide professional and respectful feedback on the quality of instruction in this course by completing course evaluations online via GatorEvals. Click here for guidance on how to give feedback in a professional and respectful manner. Students will be notified when the evaluation period opens, and can complete evaluations through the email they receive from GatorEvals, in their Canvas course menu under GatorEvals, or via ufl.bluera.com/ufl/. Summaries of course evaluations results are available to students at GatorEvals.

University Honesty Policy

UF students are bound by The Honor Pledge which states, "**We, the members of the University of Florida community, pledge to hold ourselves and our peers to the highest standards of honor and integrity**" by abiding by the Honor Code. On all work submitted for credit by students at the University of Florida, the following pledge is either required or implied: **"On my honor, I have neither given nor received unauthorized aid in doing this assignment."** The Honor Code specifies a number of behaviors that are in violation of this code and the possible sanctions. Furthermore, you are obligated to report any condition that facilitates academic misconduct to appropriate personnel. If you have any questions or concerns, please consult with the instructor.

Please remember cheating, lying, misrepresentation, or plagiarism in any form is unacceptable and inexcusable behavior.

Software Use

All faculty, staff, and students of the University are required and expected to obey the laws and legal agreements governing software use. Failure to do so can lead to monetary damages and/or criminal penalties for the individual violator. Because such violations are also against University policies and rules, disciplinary action will be taken as appropriate. We, the members of the University of Florida community, pledge to uphold ourselves and our peers to the highest standards of honesty and integrity.

Student Privacy

There are federal laws protecting your privacy with regards to grades earned in courses and on individual assignments. As such, grades will not be discussed over e-mail. For more information, please see the Notification to Students of FERPA Rights.

Policy Related to Guests Attending Class

Only registered students are permitted to attend class. However, we recognize that students who are caretakers may face occasional unexpected challenges creating attendance barriers. Therefore, by exception, a department chair or his or her designee (e.g., instructors) may grant a student permission to bring a guest(s) for a total of two class sessions per semester. This is two sessions total across all courses. No further extensions will be granted. Please note that guests are **not** permitted to attend either cadaver or wet labs. Students are responsible for course material regardless of attendance. For additional information, please review the Classroom Guests of Students policy in its entirety. Link to full policy: http://facstaff.phhp.ufl.edu/services/resourceguide/getstarted.htm

For technical support for this class, please contact the UF Help Desk at:
- Learning-support@ufl.edu
- (352) 392-HELP - select option 2
- https://lss.at.ufl.edu/help.shtml (Links to an external site.)

In-Class Recording

Students are allowed to record video or audio of class lectures. However, the purposes for which these recordings may be used are strictly controlled. The only allowable purposes are (1) for personal educational use, (2) in connection with a complaint to the university, or (3) as evidence in, or in preparation for, a criminal or civil proceeding. All other purposes are prohibited. Specifically, students may not publish recorded lectures without the written consent of the instructor.

A "class lecture" is an educational presentation intended to inform or teach enrolled students about a particular subject, including any instructor-led discussions that form part of the presentation, and delivered by any instructor hired or appointed by the University, or by a guest instructor, as part of a University of Florida course. A class lecture does not include lab sessions, student presentations, clinical presentations such as patient history, academic exercises involving solely student participation, assessments (quizzes, tests, exams), field trips, private conversations between students in the class or between a student and the faculty or lecturer during a class session.

Publication without permission of the instructor is prohibited. To "publish" means to share, transmit, circulate, distribute, or provide access to a recording, regardless of format or medium, to another person (or persons), including but not limited to another student within the same class section. Additionally, a recording, or transcript of a recording, is considered published if it is posted on or uploaded to, in whole or in part, any media platform, including but not limited to social media, book, magazine, newspaper, leaflet, or third-party note/tutoring services. A student who publishes a recording without written consent may be subject to a civil cause of action instituted by a person injured by the publication and/or discipline under UF Regulation 4.040 Student Honor Code and Student Conduct Code.

Campus Resources:

Health and Wellness

U Matter, We Care: If you or a friend is in distress, please contact umatter@ufl.edu or 352 392-1575 so that a team member can reach out to the student.

GatorWell Health Promotion Services: For prevention services focused on optimal wellbeing, including Wellness Coaching for Academic Success, visit the GatorWell website at https://gatorwell.ufsa.ufl.edu/ or call 352-273-4450.

Counseling and Wellness Center: counseling.ufl.edu/cwc, and 392-1575; and the University Police Department: 392-1111 or 9-1-1 for emergencies.

Sexual Assault Recovery Services (SARS) Student Health Care Center, 392-1161.

University Police Department at 392-1111 (or 9-1-1 for emergencies), or police.ufl.edu.

Student Health Care Center: Call 352-392-1161 for 24/7 information to help you find the care you need, or visit the Student Health Care Center website at https://shcc.ufl.edu/ .

Academic Resources

E-learning technical support, 352-392-4357 (select option 2) or e-mail to Learning-support@ufl.edu or helpdesk@ufl.edu.

Career Resource Center, Reitz Union, 392-1601. Career assistance and counseling.

Library Support, Various ways to receive assistance with respect to using the libraries or finding resources.

Teaching Center, Broward Hall, 392-2010 or 392-6420. General study skills and tutoring.

Writing Studio, 2215 Turlington Hall, 352-846-1138. Help brainstorming, formatting, and writing papers.

Student Complaints Campus, Details can be found at https://em.ufl.edu/complaint