January 25, 2022

College of Arts and Sciences

Department of Speech and Hearing Science

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Revision of the Doctor of Audiology (AuD) program

**Proposed changes and rationale**

The changes proposed involve changes to the didactic courses in Years 1-3:

1) Replace Acoustics and Instrumentation (SPHHRNG 6766) From Spring Year 1 and Advanced Speech and Hearing Science (SPHHRNG 7820) from Year 2 with 4-credit Advanced Hearing Science (SPPHRNG 6850) In Autumn Year 1.

Rationale: AuD students need a strong grounding in acoustics (the science of sound) and psychoacoustics (the science of the perception of sound). Our assessment of the program revealed that Year 2 was too late into the program to be introducing basic psychoacoustics content and that students and faculty felt separating out acoustics from psychoacoustics in the curriculum was detrimental to the students’ understanding of both sets of concepts. Merging them into one course allowed them to be taught together, and it consolidates material that otherwise has to be repeated and retaught.

2) Removal of Research Methods I (SPHHRNG 5785) from the curriculum.

Rationale: Research Methods I was taught to a class that includes both AuD and MA-SLP students. Trying to design the course to properly serve both classes at the graduate level has not been successful. Further, with the introduction of the Embedded Literacies on data analysis in the new GE in Autumn 2022, SPHHRNG 5785 will be moved to a requirement in the undergraduate curriculum. The course will better serve the undergraduate students than it does trying to serve both the AuD and MA-SLP students.

3) Conversion of Research Methods II (SPHHRNG 6786) to Statistics for Speech and Hearing Science (still SPHHRNG 6786).

Rationale: AuD students’ focus was placed on statistical analysis tests used in research in audiology and hearing science. The goal is to make the students effective consumers of research as they become professional clinicians. The revised course has been approved and better aligns with the needs of the AuD students.

4) Addition of Speech Perception of the Normal and Impaired Ear (SPHHRNG 7825) into the curriculum.

Rationale: Assessment of the program revealed a need for in-depth education on speech perception. The course’s content serves as a very useful companion to coursework and clinical practicum on the topics of hearing aids and cochlear implant devices, which are the primary instruments used to help hearing impaired listeners understand speech. The course is inserted into Year 2 of the curriculum in place of the defunct Advanced Hearing Science (SPHHRNG 7820) course.

**Old Curriculum sheet approved in 2012**

**Au.D. Curriculum**

**Year 1: Autumn Semester**

Course # Course Title Credits

6143 Professional Issues 2

6705 Audiologic Assessment I 3

6775 Anatomy & Physiology 4

5785 Research Methods I 3

**Total: 12**

**Year 1: Spring Semester**

Course # Course Title Credits

6243 Professional Issues 2

6766 Acoustics & Instrumentation 3

6706 Audiologic Assessment II 3

6735 Hearing Aids I 3

6786 Research Methods II 3

7343 Clinical Seminar in Hearing Disorders: Counseling/Report Writing 1

**Total: 15**

**Qualifying Examination (Finals Week)**

*If a student fails the Qualifying Examination, they will be withheld from Clinical Practicum. Options if a student fails: 1) retake the exam during summer session; OR 2) retake the following spring semester, which will result in a one year delay in the final externship placement and graduation.*

**Year 1: Summer Session**

Course # Course Title Credits

6707 Audiologic Assessment III 3

6843 Practicum in Audiology 3

7835 Hearing Aids II 3

**Total: 9**

**Year 2: Autumn Semester**

Course # Course Title Credits

6708 Audiologic Assessment IV 3

6843 Practicum in Audiology 3

7143 Clinical Seminar in Hearing Disorders: Hearing Aid Applications 1

7805 Pediatric Audiology I 3

7806 Adult Hearing Disorders 3

7820 Advanced Speech & Hearing Science 3

**Total: 16**

**Year 2: Spring Semester**

Course # Course Title Credits

6733 Adult Audiologic Rehabilitation 3

6843 Practicum in Audiology 3

7243 Clinical Seminar in Hearing Disorders: Ethics/Evidence Based Prac 1

7807 Pediatric Audiology II 4

8931 Cochlear Implants (odd years) 2

8933 Tinnitus (even years) 2

8934 Hearing Conservation (even years) 2

8997 Capstone Project (Research Capstone) variable

Specialization Coursework (Specialization Capstone) variable

**Total: 15+**

**Year 2: Summer Session**

Course # Course Title Credits

6843 Practicum in Audiology 3

7891 Clinical Seminar in Hearing Disorders: Resumes & Interviewing 1

8936 Practice Management in Audiology 3

8997 Capstone Project (Research Capstone) variable

Specialization Coursework (Specialization Capstone) variable

**Total: 7+**

**Year 3: Autumn Semester**

Course # Course Title Credits

7843 Practicum in Audiology 3

8935 Seminar: Research to Practice 2

8997 Capstone Project (Research Capstone) variable

Specialization Coursework (Specialization Capstone) variable

**Total: 8+**

**Professional Doctoral Examination (1st week of semester)**

*If a student fails any portion of the examination, they will be required to rewrite. If the rewrite is unsatisfactory, the student will be given the option of retaking the examination. If a student fails the retake, the Department will ask the Graduate School to deny the student further enrollment in the Au.D. program.*

**Year 3: Spring Semester**

Course # Course Title Credits

7843 Practicum in Audiology 3

8931 Cochlear Implants (odd years) 2

8934 Hearing Conservation (even years) 2

8933 Tinnitus (even years) 2

8997 Capstone Project (Research Capstone) variable

Specialization Coursework (Specialization Capstone) variable

**Total: 9+**

**Externship Commences**

**Year 3: Summer Session**

Course # Course Title Credits

8943 Externship in Audiology 3

8997 Capstone Project (if not completed) 1

**Total: 3+**

**Year 4: Autumn Semester**

Course # Course Title Credits

8943 Externship in Audiology 3

8997 Capstone Project (if not completed) 1

**Total: 3+**

**Year 4: Spring Semester**

Course # Course Title Credits

8943 Externship in Audiology 3

8997 Capstone Project (if not completed) 1

**Total: 3+**

**\*Year 4: Summer Session**

Course # Course Title Credits

8943 Externship in Audiology 3

8997 Capstone Project (if not completed) 1

**Total: 3**

**Final Oral Examination:**

*To be completed no later than March of the 4th year in order to be eligible for graduation spring semester.*

\**Completion of the Au.D. program and graduation depends upon the start and completion dates of the 4th year externship. The 4th year externship is the equivalent of one year (minimum 11 months). For example, a student who begins in May and finishes in April is eligible for spring commencement. On the other hand, a student who begins in July and finishes in June is eligible for summer commencement.*

**New Curriculum sheet requested for approval**

**Au.D. Curriculum**

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6705 Audiologic Assessment I 3

6775 Anatomy & Physiology 4

6850 Advanced Hearing Science 4

**Total: 13**

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6786 Statistics in Speech and Hearing Science 3

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**Total: 9**

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7143 Clinical Seminar in Hearing Disorders: Hearing Aid Applications 1

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7806 Adult Hearing Disorders 3

7825 Speech Perception in the Normal and Impaired Ear 3

**Total: 16**

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6843 Practicum in Audiology 3

7243 Clinical Seminar in Hearing Disorders: Ethics/Evidence Based Prac 1

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