Department of Communicative Disorders and Sciences

Au.D. Curriculum plan

Student Name: [Blank]
Entry Date: [Blank]

FALL 1
CDS 528 Neural Bases (C) 3
CDS 532 Acoustics & Instrumentation (C) 3
CDS 529 Aural Rehabilitation (C) 3
CDS 551 Diagnostic Audiology I (C) 3
CDS 525 Clinical Processes – Audiology lab (C) 1
CDS 591 Practicum I: Audiology 3

Total Academic Credits 13

SUMMER 1
CDS 591 Practicum I: Audiology (C), required 3
CDS Elective 3

FALL 2
CDS 557 Hearing Aids II (C) 3
CDS 610 Vestibular Testing (C) 3
CDS 616 Auditory Evoked Potentials (C) 3
CDS 687 Industrial Audiology (C) 3
CDS 592 Practicum II: Audiology 3

Total Academic Credits 12

SUMMER 2
CDS 592 Practicum I: Audiology (C), as needed/if available 3

FALL 3
Statistics Course (R) 3
CDS 526 Current Professional Issues (C) 3
Elective 3
CDS 611 Medical Audiology (C) 3
CDS 592 Practicum II: Audiology 3

Total Academic Credits 12

SPRING 1
CDS 502 Research Methods (C) 3
Elective 3
CDS 556 Hearing Aids I (C) 3
CDS 552 Diagnostic Audiology II (C) 3
CDS 530 Grand Rounds (C) 1
CDS 591 Practicum I: Audiology 3

Total Academic Credits 13

SPRING 2
CDS: Indep. Study (R) for research proj. 3
CDS 530 Grand Rounds (C) 1
CDS 542 Advanced Hearing Science (C) 3
Elective 3
CDS 612 Cochlear Implants (C) 3
CDS 592 Practicum II: Audiology 3

Total Academic Credits 13

Start looking for Fourth Year Placement!

SUMMER 3: Begin Externship. Note that Research Project must be finished before Externship begins
CDS 624 Externship: Audiology

FALL 4
CDS 624 Externship: Audiology 1

SPRING 4
CDS 624 Externship: Audiology 1
Key: C = Core required, R = Research required, E = Elective.

Total academic credits required for graduation: 75 credits.

Note:

- The credits of CDS 591 and CDS 592 (marked in green) should not be counted as the academic credits.
- The above curriculum plan is a recommended plan. The actual courses that each individual student takes may vary. The academic coursework for the Au.D. program requires six full-time semesters including Three complete years of Clinical practicum and one summer of Clinical Practicum. Clinical and research experiences must also be accomplished during the time period. All parts of the Research Project must be completed before Fourth Year externships begin.

Prerequisite Coursework or equivalent needed before Fall 1:

CDS 301 Language Development in Children (3)
CDS 289 General and Speech Acoustics (3)
CDS 487 Psychoacoustics (3)
CDS 522 Diagnostics of Communicative Disorders and Lab (4)
CDS 290 Audiology: Diagnosis and Management (3)
CDS 480 Clinical Observation (1)

Recommended Prerequisite course: CDS 286 Phonetics (3)
Prerequisite Courses to Audiology Graduate Study

- **CDS 289 General and Speech Acoustics (3)**
  - Basic concepts of energy, force, and tube acoustics. Acoustic characteristics of vowels and consonants with methods for analysis. Time permitting, theories of speech perception are included.
  - 3.00 credits

- **CDS 480 Clinical Observation and Participation (25 hours, also in Fall)**
  - Involves presentations and class discussions related to assessment and remediation of a variety of communication disorders. Minimum of twenty-five clock hours of directed observation in diagnosis and treatment of speech, language, and hearing disorders, which is required by ASHA as a prerequisite to clinical practicum.
  - 1. Credit

- **CDS 290 Audiology: Diagnosis and Management**
  - Introduces etiology, diagnosis, and rehabilitation of auditory disorders.
  - 3.00 credits

- **CDS 387 Psychoacoustic Science**
  - Presents the acoustic science background necessary for study in speech pathology, audiology, physical acoustics, electroacoustics, speech acoustics, psychoacoustics, psychology, and hearing science.
  - 3 credits

- **CDS 286 Phonetics (3) - Optional - but recommended**
  - Basic aspects of articulatory and acoustic phonetics and transcription. Recognize and describe phonetic symbols, transcribe American English using the International Phonetic Alphabet. Describe and explain the normal aspects of speech production, including basics aspects of speech anatomy and physiology, speech acoustics, suprasegmentals, phonological processes, and dialects
  - 3 credits

- **CDS 301 Language Development in Children**
  - Explores the acquisition of language form and function by typical developing children. Discusses the normal development of phonology, morphology, syntax, semantics, and pragmatics from infancy through early adolescence by examining empirical data and current theoretical issues and controversies. Examines the emergence of literacy skills and the differences in acquisition between mono- and bi-(or multi-) lingual children. Includes the impact of cultural, ethnic, gender, socioeconomic, and individual variation on children's normal language acquisition.
  - 3 credits

- **CDS 482/522 Diagnostics (register as graduate credit, may take this course for graduate credit)**
  - Covers procedures involved in the formal and informal evaluation of a variety of speech and language disorders in children and adults. Units include the diagnostic process, interviewing, psychometrics, and testing procedures across disorders.
  - 3 credits

- **CDS 483/522 Diagnostics Lab (register as graduate credit, may take this course for graduate credit)**
  - Provides practical experience in interviewing, test administration, oral facial examination, and conferencing during the diagnostic process.
  - 1 credit

Notes: The prerequisite courses are required for the audiology students who are graduated an undergraduate degree that are not related to communicative disorders and sciences. These courses should be completed in the first year of the program study.
Au.D. Curriculum Plan

Name:

Other ASHA Required Courses: 1 Biology course (3 cr.), 1 Physical Science course (3 cr.), 1 Statistics course (3 cr.)

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Total Academic Credits

B. Behavioral and Social Sciences (3 credits minimum, one course)

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Total Academic Credits
C. Basic Communication Processes, Linguistics, and Anatomy of Speech and/or Hearing Mechanism.  Do Not List Courses Focusing on Disorders, Assessment or Intervention (15 credits minimum).

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### AuD core Required courses in CDS Department (51 credits)

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<tr>
<th>Course</th>
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<tbody>
<tr>
<td>CDS 525A Clinical Process Lab in Audiology</td>
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<td>CDS 502 Research Methods</td>
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<td>CDS 526 Current Professional Issues</td>
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<td>CDS 528 Neural Bases of Communication</td>
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<td>CDS 530 Grand Rounds</td>
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<td>CDS 532 Acoustics and Instrumentation</td>
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<td>CDS 542 Advanced Hearing Science</td>
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<td>CDS 551 Diagnostic Audiology I</td>
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<td>CDS 552 Diagnostic Audiology II</td>
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<td>CDS 556 Hearing Aid Evaluation I</td>
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<td>CDS 610 Vestibular Testing</td>
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<td>CDS 612 Cochlear Implants</td>
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<td>CDS 613 Auditory Development</td>
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<td>CDS 616 Auditory Evoked Potentials</td>
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<td>CDS 687 Industrial Audiology</td>
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<td><strong>Total</strong></td>
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### AuD Research Courses (minimum of 6 required credits):

<table>
<thead>
<tr>
<th>Course</th>
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<tbody>
<tr>
<td>Graduate Statistics class (Required)</td>
<td>3</td>
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<tr>
<td>CDS 600 Independent Study (Elective)</td>
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<tr>
<td>CDS 699 Doctoral Theory &amp; Research (Elective)</td>
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<tr>
<td>CDS 687 Clinical &amp; Basic Research in Aud (Elective)</td>
<td>3</td>
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### AuD Electives

18

Total: 51 + 6 + 18 = 75 total credits
List of Recommended Electives

Counseling:
CEP 618  Principles Counsel Practice

Statistics
CEP 522 Statistical Methods of Educational Inference I
STA 527 Introduction to Medical Statistics
PSY 607 Adv Statistics Methods 1
PSY 608 Adv Statistics Methods 2
SPM 501 Principles of Epidemiology (4 credits)
SPM 505 Introduction to Biostatistics
SPM 506 Application of Statistics to Epidemiology
RSC521/OTD521/ES532
RSC523/OTD521/ES533/N695

Neuroscience:
NRS 521  Neuroscience Intro 2

Communication Disorders & Sciences
CDS 687 Clinical and Basic Research
CDS 600 Independent Study
CDS 699 Doctoral Theory & Research (Elective)
CDS 566 Counseling in Communication Disorders
CDS 667 Auditory Processing Disorders
CDS 685 Multicultural issues in Communication Disorders

Nursing
NUR 503 Pharmcothrp Adv Nur Prac

Nutrition
NUT 620  Nutrients and gene expression

Physiology
Physiology 300