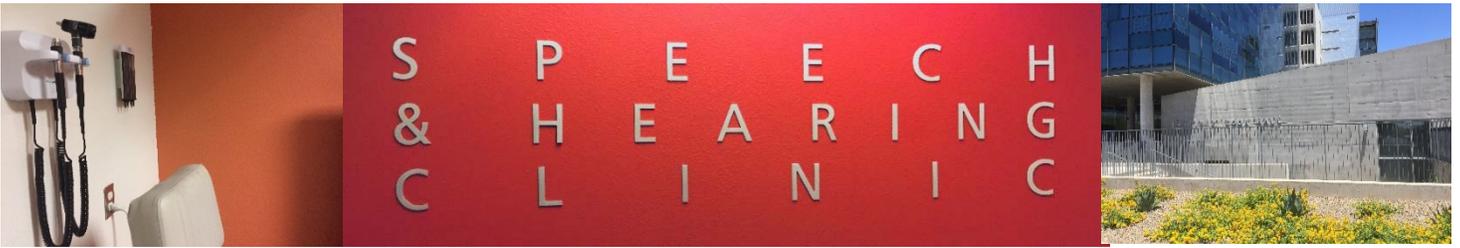




Doctor of Audiology (AuD) Program Handbook

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Welcome to Arizona State University's (ASU) graduate doctoral degree program in audiology. The AuD program is offered through the College of Health Solutions, and is housed at the Tempe Campus. The purpose of this handbook is to provide information that will assist students in navigating the graduate degree program. This Handbook, the Academic Standards document, and the Audiology Clinic Manual are the primary resources of information regarding policies and regulations as well as academic and clinical requirements which must be met to satisfactorily complete the AuD degree, state licensure, and ASHA certification. Academic and clinical faculty members also are available for advice, guidance, and consultation regarding all academic and clinical requirements, policies, and procedures. Ultimately however, it is the student's responsibility to be informed about all academic and clinical requirements for the AuD program at ASU.

Mission

The mission of the AuD program at Arizona State University is to prepare students for excellence in clinical practice through economically responsible, state-of-the-art academic and clinical training in populations across the lifespan through local, national and, international opportunities.

Program Description

This is a full-time, 3-year residential program for post-baccalaureate students that requires 86 credits of coursework and clinical experience. The first three years consist of coursework (3 fall, 3 spring, and 2 summer semesters) covering normal and disordered hearing as well as clinical practicum experiences. The clinical doctorate model at ASU stresses the integration of academic classroom learning with practical experience across a broad spectrum of clinical specialties and practice environments. All AuD students complete a semester of clinic preparation and observation (SHS 526 Launch to Clinic), minimum of three on-campus, and four off-campus clinical rotations.

Satisfactory completion of program requirements will be determined by outcome-based formative and summative assessments completed at the end of the first and second years of the program. The successful ASU AuD graduate will have the diagnostic and rehabilitative skills necessary to fulfill the current Scope of Practice in Audiology specified by the American Speech-Language-Hearing Association. An optional, reduced-credit, 4th-year externship is available to all students. Those wishing to earn the required hours of supervised clinical training for ASHA certification must complete the externship. The required number of hours are usually earned by the end of the fall semester of the 4th year. Students have the option to graduate at that time or continue with their externship through the spring semester.

The ASU Speech and Hearing Clinic

The Speech and Hearing Clinic, is housed at the Tempe campus and provides the campus-based clinical training for the AuD program. Through this clinic, diagnostic and rehabilitative audiology services are provided to the general public on a fee-for-service basis. Graduate AuD students provide the clinical services under direct supervision of the program's ASHA-certified clinical faculty members. Clinical audiology services include comprehensive diagnostic assessment using behavioral and physiologic measures, dispensing of hearing aids and assistive technology, cochlear implant mapping, and provision of individual and group audiological

rehabilitation and therapy services. Clinical populations include toddlers, preschoolers, school-aged children, adults, and developmentally delayed and multiply-handicapped persons. Upon graduation, students will have met the standard of excellence set for all graduates from the ASU AuD professional training program. Our students are highly employable, with 100 % of those seeking employment after graduation hired into a variety of settings, from medical centers to private practices to schools.

Arizona State University

Arizona State University (ASU), in central Arizona's Valley of the Sun, is one of the premier metropolitan public research universities in the nation. Its enrollment of approximately 90,000 students ranks Arizona State as one of the largest institutions of higher learning in the U.S. ASU is accredited by the North Central Association of Colleges and Secondary Schools and was named to Research Extensive (formerly Research I) status in 1994, recognizing ASU as a premier research institution. Arizona State University's Tempe campus of 640 acres is located in Tempe, a historic city of approximately 160,000 in the fast-growing metropolitan Phoenix complex, which has a population of over 1,500,000. The University, therefore, has the dual advantage of location in a moderate-sized city with proximity to all the resources of a metropolitan center. ASU is research-driven but focused on learning. Teaching is carried out in a context that encourages the creation of new knowledge. ASU offers outstanding resources for study and research, including libraries and museums with important collections, studios, and performing arts spaces for creative endeavor, and unsurpassed state-of-the-art scientific and technological laboratories, and research facilities. The faculty includes recipients of prestigious academic and professional awards, including membership in the national academies. ASU currently ranks high among public universities nationwide in its enrollment of freshmen merit scholars. The AuD program at ASU is ranked 9th in the nation in the 2017 US News and World Report Rankings. The university champions diversity and is international in its scope, welcoming students from all 50 states as well as nations around the world.

If you have questions about our program, feel free to contact Dr. Stephanie Adamovich, the Program Coordinator, at stephanie.adamovich@asu.edu.

Archived Handbook Information

Students can access previous versions of the Program Handbook on the AuD program's CANVAS site.

Fall 2015: AuD POS 2.0

Fall 2016: AuD POS 2.0

Fall 2017: AuD POS 3.0

AuD Program Faculty and Administrative Staff

ASU AuD Program and Clinic Coordinators

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The Doctor of Audiology Academic Faculty consist of clinical and research faculty with degrees and expertise in audiology, hearing science, and/or auditory neuroscience. Most AuD courses are taught by AuD faculty, with some courses taught by faculty in Speech Science, Speech-Language Pathology, or ASL.

AuD Clinical Faculty

Stephanie Adamovich, M.S., PhD, Clinical Associate Professor, Gallaudet University, Basic audiometry, auditory Processing, pediatrics, cochlear Implants, group audiological rehabilitation

Jennifer Gonzalez, AuD, PhD, Clinical Assistant Professor, University of Connecticut, Vestibular assessment, Auditory Processing,

Mollie Harding, AuD, Clinical Assistant Professor, Arizona State University, Pediatric Audiology, Audiological Rehabilitation

Ingrid McBride, AuD, Clinical Professor, Director of Audiology Clinic. University of Florida. Advanced technology hearing aids; assistive technology for the hard-of-hearing and deaf; audiological rehabilitation; diagnostic audiology; physiological measures.

Aparna Rao, PhD., Clinical Associate Professor, Purdue University. Advanced audiometry; Electrophysiology

Kristin Samuelson, AuD, Clinical Assistant Professor, AT Still University. Hearing Aids, Practice Management

Kathryn Wexler, AuD, Clinical Associate Professor, Salus University (formerly Pennsylvania School of Optometry). Pediatric audiology; advanced technology hearing aids; evoked potentials; aural rehabilitation.

Erica Williams, M.S., PhD, Clinical Associate Professor, Arizona State University. Auditory Pathologies and Otoneurological Applications; Physiological measures of auditory function.

AuD Research Faculty

Andrea Pittman, Ph.D., Associate Professor, University of Wisconsin-Madison. Pediatric audiology; amplification; speech perception.

Xin Luo, Ph.D., Assistant Professor, University of Science and Technology of China. Cochlear implants; Speech perception; music perception; pitch perception; signal processing; psychoacoustics.

Yi Zhou, Ph.D., Assistant Professor, Boston University. Auditory Neuroscience, study of the central auditory nervous system, especially auditory cortex.

Academic Program Lead

Erica Williams, M.S. /PhD, Clinical Associate Professor

Key Administrative Speech and Hearing Science Staff

Naomi Abraha, Clinic Customer Service Specialist

Cecilia Contreras, Business Operations Specialist

Kimberly Doney, Academic Success Coordinator (MS and AuD)

Tanya Madison, Administrative Associate

Tracey Schnick, Manager of Clinic Business Services

Advising and Advisors

Admitted AuD students are assigned a program advisor at the beginning of each year. Advisors may be clinical or research faculty. AuD faculty work with groups of students based on their matriculation through the program. AuD students can expect to work with up to 4 advisors during the program (1 per year). The primary role of the program advisor is to counsel the student in matters pertaining to the program of study and to monitor the student's progress in the attainment of specific knowledge and skills and the completion of all academic and clinical requirements. Students should meet with their program advisor at least once per year.

Program General Admission Information

Admission requirements & Application Processes

Only full-time students are accepted to the AuD program at ASU. The program is residential and all students must begin the program in the fall semester. Full-time commitment is necessary to accommodate the close tie between the academic coursework and the clinical practicum assignments. Full-time enrollment assures timely completion of the program. The AuD program has a limited number of spots each year, and so the following minimum criteria have been established:

1. Applicants must possess a baccalaureate degree in communication sciences and disorders/speech and hearing science or related field.
2. Students admitted to the AuD program should also have met the scientific and research foundations of the profession required for ASHA certification (listed in Table 2).
3. Cumulative GPA of 3.0 or higher (recommended 3.5?)
4. Completion of the Graduate Record Examination (GRE), with a minimum of V+Q score of 300.
5. Career and academic goals consistent with AuD program mission

Admissions Status

Applications are accepted through the ASU Graduate College admissions system. Students are admitted to the Graduate College at Arizona State University with regular or deficiency classification. Students admitted with regular status have met the admissions and undergraduate requirements to begin graduate training. Students admitted with deficiency status are expected to complete specific requirements *prior* to beginning the graduate curriculum. Some students may lack one or two specific courses which may be taken *during* their graduate program. The terms of deficiency status are determined by the admissions committee and outlined on the letter of admission.

Leveling Coursework

Students admitted to the AuD program who have an undergraduate degree in another discipline will be required to complete all courses listed in Table 1 *prior* to beginning the graduate coursework.

Table 1. Leveling Coursework for the AuD degree.

Course #	Course Title	Credits
SHS 310	Anatomical/Physiological Bases of Speech	3
SHS 311	Physical/Physiological Bases of Hearing	3
SHS 367	Language Science	3
SHS 375	Speech Science	3
SHS 501/401	Introduction to Audiology ¹	3
SHS 565/465	Speech & Language Acquisition ¹	3

¹Graduate students requiring leveling courses should enroll in the 500-level section if available.

In some cases, the admissions committee or the advisor may determine that a student with an undergraduate degree in speech and hearing science has insufficient basic science preparation for graduate level professional coursework. For these students, a select number of courses will be required *during* their AuD program. Students are notified of any deficiency requirements in their admission letter. Although these courses are undergraduate in nature, students should register at a graduate level, if offered, and should expect additional requirements for successful completion of the courses. The student is expected to maintain a minimum 3.0 grade point average throughout the AuD program, including deficiency courses, with a minimum grade of B-. These courses (or equivalents) are offered at most undergraduate institutions offering a degree in speech and hearing science (or communicative disorders). They also are offered at ASU.

Council on Academic Accreditation (CAA) Scientific and Research Foundations of the Profession

The AuD program accrediting body, the CAA, requires all graduates to complete coursework providing the scientific and research foundations of the profession. If these requirements were not met during undergraduate coursework, the student must complete these requirements during their AuD program, which may prolong their program of study.

Table 2: CAA Scientific and Research Foundations of the Profession Recommended Courses

Required Area	Course Title	
Life Sciences	BIO 201	Human Anatomy & Physiology
Physical Sciences	PHY 101	Introduction to Physics
Behavioral Sciences	PGS 101	Introduction to Psychology
Mathematics	MAT 170 PSY 230	Pre-calculus <i>or</i> Intro to Statistics

Provisional Acceptance Guidelines

On occasion, an applicant to the AuD program may be admitted with provisional status indicating that a specific requirement for admission was not met. Any unmet requirement is determined by the admissions committee and specified in the admissions letter to the student. The applicant must fulfill the outstanding requirement *prior* to beginning the AuD program. Failure to do so by the deadline provided will result in automatic denial of the student's application.

Transfer of Academic Courses

Graduate students transferring to the AuD program at ASU may transfer a **maximum of twelve (12) hours** of appropriate, graduate-level coursework undertaken at another university and not previously counted towards any other degree. Program regulations for transfer of academic courses stipulate that a transfer of credits from another institution for graduate credit may be allowed under the following conditions:

1. The student must have taken the courses at a CAA accredited AuD program.
2. The courses that will be transferred must be graduate level courses.
3. The student must have obtained a grade of B- or better (or equivalent) in the courses transferred.
4. The student's program advisor or the AuD Admissions Committee must approve the transferred courses as part of the student's Program of Study.

Transfer of Clinical Clock Hours

Students must complete a minimum of **850 clock hours** of supervised clinical experience in order to receive a Doctor of Audiology Degree at Arizona State University. Graduate students transferring to the AuD program at ASU may transfer up to a **maximum of 150** of the 850 clock hours. In order to transfer practicum clock hours from another college or university:

1. Students must submit a record of the clock hours signed by the supervisor to the Director of the Audiology Clinic.
2. The supervisor(s) must have held the Certificate of Clinical Competence in Audiology from the American Speech Language Hearing Association.
3. The supervisor must have provided supervision sufficient to ensure the welfare of the patient and the student in accordance with the ASHA Code of Ethics.
4. Students must have received a grade of B- or better if letter grades were assigned or a pass if the clinical experience was graded pass/fail.

Undergraduate or non-degree students may not take courses for graduate credit at ASU.

Time Limits & Transfer Credits

The Graduate College stipulates that all degree requirements must be met within a consecutive ten-year period. Thus, transfer credits are subject to time limits. Transfer courses taken more than two years prior to admission to the AuD program are not eligible for transfer. Although exceptions are occasionally made, they are rare, and in most cases students are required to observe a six-year time limit.

Tuition Costs and Financial Aid

Tuition

Tuition is set by the Arizona Board of Regents every year. Itemized tuition and fees can be found [here](#). If you have questions or comments about tuition and fees, please contact the [Student Accounts Office](#).

Financial Assistance

The number of graduate students receiving financial support varies from semester to semester depending on state and federal appropriations. Financial support, which is offered on a competitive basis, typically consists of hourly positions in laboratory or program settings (graduate-level teaching, research, and clinical work). All students are considered for financial assistance throughout the program. There are also a number of options for financial assistance for graduate study through the Office of Graduate Education, including scholarships, fellowships, assistantships, student loans, and work-study. Common sources of financial assistance are:

1. Graduate Education Fellowship: This fellowship is for new and continuing graduate students. Two AuD students are nominated each year, with awards of up to \$10,000. See [Graduate College Fellowship and Awards page](#) for additional information or email gradinfo@asu.edu.
2. Graduate Student Assistant/Course Assistant Positions: GSA positions are available to a limited number of second and third year AuD students. Students typically work 10 hours per week per semester in support of undergraduate or graduate courses. These are not guaranteed positions from year to year, but typically we can offer at least one position. For more information regarding the GSA position, please contact Dr. Adamovich.
3. Research Assistant Positions: On occasion, faculty may funds that can be used to hire AuD students to be research assistants/workers. These would typically be second or third year students, or first year students with experience. Please contact individual faculty involved in research for more information.
4. Outside Scholarships: These are application-based scholarships available to AuD students across the US. See AuD BlackBoard Resource Page for specific details.
5. Traditional financial aid: If you have questions or comments about financial aid and cost of attendance, please visit [ASU Financial Assistance](#)

Graduate students seeking financial aid counseling may contact the main Student Financial Aid office on the Tempe campus, Student Services Building, 2nd Floor, call 855-278-5080, submit a case via the MyASU Service tab, or visit the financial aid website at: students.asu.edu/financialaid.

AuD Program Curriculum and Graduation Requirements

Academic Coursework Requirements: 66 credits

- 500: Research Methods (3)
- 502L: Basic Audiometry (4)
- 504L: Amplification I (4)
- 505: Survival Sign Language (2)
- 508: Pediatric Audiology (3)
- 510: Amplification II (3)
- 511: Auditory Perception by the Hearing Impaired (3)
- 513: Neurophysiology of the Auditory System (3)
- 516L: Auditory Evoked Potentials (4)
- 517L: Balance Assessment (4)
- 518: Auditory Rehabilitation (3)
- 519: Advanced Audiometry (3)
- 520: Auditory Pathologies/Disorders and Otoneurologic Applications (4)
- 522: Hearing Conservation/Instrumentation (3)
- 524: Counseling in Communication Disorders (2)
- 525: Audiology Practice Management (3)
- 552L: Physiological Measures of Auditory Function (4)
- 555L: Cochlear Implants (4)
- 589: Audiology Grand Rounds (1 credit year one; 1 credit year two) (2)
- Electives (4 credits of any combination of coursework or mentored research or teaching (see below)) (6)

Optional Mentored Experiences (electives)

1. Optional Mentored Research Experience: Students in good standing in the AuD program may fulfill their required electives by engaging in research either during the summer semester of their second year or during their third year in the AuD program for one or two semesters. Several levels (Tiers) of research are available to accommodate a range of projects. Interested students must meet with a research mentor to discuss the research options and then complete the AuD Research Mentor Agreement (attached) prior to beginning a project. This form makes clear the student's and mentor's responsibilities during the project and the criterion by which the student will be evaluated. The research experience will be developed around the student's interests, student's background, and ongoing auditory research at the University. SHS 592 registration is variable credit (1-3) each semester and must be approved by the research mentor (faculty or principle investigator). Descriptions of the program's research laboratories are available on the Program web site at <http://shs.asu.edu/shs/research>. It is the student's responsibility to contact and meet with the program director (faculty) prior to the start of the third year. Some faculty may require a directed reading prior to beginning the research to determine the student's area and level of interest.
 - a. Tier 1
This option is appropriate for students wishing to contribute to an ongoing project or engage in an independent study on a particular topic of research. An appropriate outcome measure for this work would be a short paper (3-5 pages, evaluated by the mentor). The student should enroll in 1 credit of SHS 592 per semester and expect to spend 5-10 hours per week engaged in research (lab and/or literature review) and meet with his/her mentor once per week.
 - b. Tier 2
This option is appropriate for students wishing to conduct a small scale project similar to a pilot study developed by the student or the mentor. An appropriate outcome measure of this work would be a paper (10-15 pages, evaluated by the mentor) or a poster presentation in the SHS Research Symposium at the end of the year or at a professional meeting. The student should enroll

in 2-3 credits of SHS 592 per semester and expect to spend 10-15 hours per week engaged in research (lab and literature review) and meet with the mentor at least once per week.

c. Tier 3

This option is appropriate for students considering an AuD-PhD degree. This project is typically a larger, original research study similar to that required by first-year PhD students. The outcome measure of this work is a presentation to the SHS Research Symposium at the end of the year and a manuscript style paper. Please consult the PhD handbook for a detailed description of the requirements. The student should enroll in 3 credits of SHS 592 for at least two semesters (fall, spring, and/or summer) and expect to spend 15+ hours per week engaged in research (lab, literature review, writing). He/she will work directly and regularly with the mentor or his/her representative.

Mentor Responsibilities

It is the responsibility of the mentor to make available the necessary resources and to evaluate student performance throughout the semester. Prior to starting the research, both the student and the mentor should be clear about the expected work load and outcome measures (use the Tiers as a guide). Regardless of the Tier, this research option should be considered by the mentor as equivalent to an independent study (overload).

Student Responsibilities

Students are required to arrange their research experience with a mentor of their choosing. The mentor may be a clinical or academic professor who is qualified and available to provide mentorship for one to two semesters and who has the resources to conduct a research project. Prior to starting the research, both the student and the mentor should be clear about the expected work load and outcome measures (use the Tiers as a guide).

Prior to starting the research project, the student, the faculty, and the Director of AuD Education will sign the Mentored Research Agreement. This form may be obtained from the student's advisor, research mentor, or the AuD Handbook. The original, signed agreement will be placed in the student's academic file. Failure to complete the work or meet agreed expectations can result in an incomplete or failing grade for the research project.

2. Optional Mentored Teaching Experience: Students in good standing in the AuD program may fulfill the required elective credits by engaging in a comprehensive mentored teaching experience in their third year. This option is for one semester only and is available to students who have a professional interest in becoming a clinical instructor in a university setting. Interested students must meet with the Director of AuD Education to discuss the availability of courses and mentors. If a suitable match is found, the student should enroll in at least 2 credits of SHS 590 and expect to spend 10-15 hours per week engaged in preparation and teaching. Prior to the start of the semester, the student and mentor must complete the AuD Teaching Mentor Agreement Form (See Appendix C). This form specifies the student's and mentor's responsibilities during the semester and the criterion by which the student will be evaluated.

Clinical Training Requirements: 20 credits

Table 3 lists the required clinical and optional rotations to be completed during the AuD program. During the first semester of the AuD program, students observe in the Program's Speech and Hearing Clinic and attend a Launch-to-Clinic seminar designed to prepare students for their first on-campus clinical rotation. Beginning the 2nd semester, students spend a minimum of three semesters in university-based clinical rotations at the program's Speech and Hearing clinic (SHS 580), under the supervision of ASU clinical faculty. During the second semester of the second year, students continue their training in off-campus clinical

rotations. Some students may be required to enroll in an additional on-campus clinical rotation until they are judged to be ready for an external clinical site. AuD students will then complete three off-campus clinical rotations (SHS 584) during their third year beginning in the summer. In lieu of an off-campus rotation, 3rd-year students may participate in Super Clinic, which is an advanced on-campus clinic designed to allow opportunities for clinical independence and autonomy. During the fourth year, the student may complete an optional full-time residency placement for at least 1000 hours in an approved regional or national facility. Registration for the Audiology Clerkship (SHS 590) is for 1 credit each semester including summer. The program’s Clinical Externship Coordinator will facilitate the Audiology Clerkship for each student.

Table 3. Required Clinical Rotations

Yr.	Semester	Course Number	Clinic Rotation	Credit Hours
1	Fall	SHS 526	Observation: Launch-to-Clinic	1
	Spring	SHS 580	On-Campus Clinical Rotation 1	2
	Summer	SHS 580	On-Campus Clinical Rotation 2	3
2	Fall	SHS 580	On-Campus Clinical Rotation 3	3
	Spring	SHS 584	Off-Campus Clinical Rotation 1	3
	Summer	SHS 584	Off-Campus Clinical Rotation 2	3
3	Fall	SHS 584	Off-Campus Clinical Rotation 3	3
	Spring	SHS 584	Off-Campus Clinical Rotation 4	3
	Summer	SHS 590	Audiology Clerkship (optional)	1
4	Fall	SHS 590	Audiology Clerkship (optional)	1
	Spring	SHS 590	Audiology Clerkship (optional)	1

All students will complete a set of required clinical components. Please note that there are academic course prerequisites for certain rotations (e.g., hearing aids, balance assessment, and pediatrics). In some instances, students will be allowed to take a required course while simultaneously completing the corresponding rotation. On-campus clinical rotations must be completed prior to off-campus clinical rotations.

Documentation of Clinical Hours and Competencies

The Audiology clinical training program uses a web-based student tracking system called Typhon. Students are trained on the Typhon software during their Launch to Clinic course (first semester). Students and clinical faculty access the online tracking system using the following URL: www.typhongroup.net/asu with their assigned user login ID and password. The Typhon system provides a comprehensive record of clinical hours and the competency areas in which they have gained experience during each semester’s clinical rotation and during the 4th-year externship. *This documentation is necessary for graduation.*

Clinical Time Demands

Enrollment in clinical rotation places significant time demands on students during the work week. Student clinicians should be prepared to devote approximately 5 to 15 hours per week to the preparation, implementation, and analysis of clinical experiences. Each credit hour represents 45 client contact hours per semester. In a typical 15-week semester, students registering for two credits of SHS 580 are in clinic one half day per week and are responsible for the service delivery and reports/chart notes for approximately two to three patients; students registering for three credits of SHS 580 are typically in clinic for one full day per week and are responsible for the service delivery and report/chart notes for approximately four to six patients. During an 8-week summer clinic, students registering for three credits are typically in clinic two full days per week and are responsible for the service delivery and reports/chart notes for approximately eight to twelve patients. Students also participate in one 4-week audiological rehabilitation group during the fall, spring, and possibly summer sessions of their first year of on-campus clinic. Students gaining

experience at off-campus sites (SHS 584) and registered for 3 credit hours are expected to spend 1.5 to 2 full days per week at their clinical rotation site during a 15-week semester. During the summer, students are expected to spend approximately 2.5 days per week over the 8-week summer session.

Satisfactory Academic Progress

Overall GPA and Course Grade Minimums

To demonstrate satisfactory performance, graduate students pursuing the AuD degree will be expected to:

- Maintain a 3.0 or higher grade point average each semester.
- Earn no more than two unsatisfactory grades during their entire program [i.e., a grade worse than B- in an academic course or in a clinical practicum, or withdraw from a course while failing (grade of W/E)]. After the first instance of unsatisfactory performance, the student may retake the course if desired, but is not required if the minimum 3.0 GPA is maintained.
- Receive no more than one incomplete in a given semester.
- Receive a passing score all formative/summative assessments (e.g. first and second year exams) within the assessment timeframe.
- A score >170 on the National Praxis exam

Clinical Rotation Grade Minimums

To demonstrate satisfactory clinical performance, graduate students pursuing the AuD degree will be expected to:

- Receive a grade of B- or better for satisfactory completion of each on-campus clinical rotation.
- A grade of A- or better in their final on-campus placement is required before being allowed to advance to off-campus clinical placements.
- Students are obligated to fulfill each of their clinical responsibilities throughout the semester.

Any student who fails or withdraws while failing a clinical rotation assignment must repeat that semester of clinic and will receive no credit for the clinic clock hours accumulated during that semester. A student who does not complete a clinical rotation (receiving grade of "I") may receive a portion of the clinic clock hours accumulated during that semester. As it is not usually possible to repeat the clinical rotation with the same or similar clients and clinical preceptor, the requirements for removing the "I" will be at the discretion of the clinical professor with the final approval of the AuD Program Committee. A student who withdraws ("W") from a clinical rotation usually receives credit for clinic hours if the student was otherwise performing at a passing level up to the date of the withdrawal unless there are extenuating circumstances. This decision is made by the Standards Committee. Following the second instance of unsatisfactory performance (failing or withdrawal while failing) for a clinical practicum, the Standards Committee may recommend withdrawal of a student from the program. Any student found violating the HIPAA federal regulation will receive a failing grade for that semester's clinical rotation and, depending upon the gravity of the offense, may be dismissed from the program.

Formative/Summative Assessments

As defined by ASHA, a formative assessment is, "an *ongoing* measurement during educational preparation for the purpose of improving student learning. Formative assessment yields critical information for monitoring an individual's acquisition of knowledge and skills. Such assessment must evaluate critical thinking, decision-making, and problem-solving skills. Measures should include oral and written components, as well as demonstrations of clinical proficiency." A series of formative assessments are embedded in the AuD coursework and clinic practicum. Specific knowledge and skills are covered in each course and behaviorally defined levels of achievement for each knowledge and skill are identified in the course syllabus. A list of courses that satisfy each of the KASA competencies is provided in Appendix E.

As defined by ASHA, "A summative assessment is a comprehensive evaluation of learning outcomes at the *culmination* of educational preparation. Summative assessment yields critical information for determining

an individuals' achievement of knowledge and skills." To this end, the ASU AuD program includes three summative assessments that are administered at the end of each academic year.

1. First-Year Exam

All first-year students are required to sit for the first-year exam at the end of the spring semester. This is a two-hour, multiple choice exam covering the content of the 6 academic courses taken in the first year. The exam is administered electronically through a secure browser. Each student is required to provide a working personal computer that can accommodate university software for the exam. A passing score is required to proceed to the next year of AuD training. Students who fail to achieve a passing score may retake the exam within a period of time specified by the AuD Assessment & Training Committee. A second failure will result in automatic dismissal from the program.

2. Second Year Exam

At the end of the second year, all students are required to complete a written and oral practical exam focusing on clinical case studies. This exam takes place over a two-day at the end of the spring semester. The written portion occurs on the first day followed by an oral defense on the second day. A committee comprised of AuD clinical faculty will grade the written and oral portions of each student's work collectively. A passing score is required to proceed to the next year of training. Students who fail to achieve a passing score may retake the exam within a period of time specified by the AuD Assessment & Training Committee. A second failure will result in automatic dismissal from the program.

3. Praxis Exam

All students pursuing an AuD degree at ASU must take and pass the National Examination for Speech-Language Pathology and Audiology (NESPA), which is one of the Praxis Series of exams administered by the Educational Testing Service (ETS). Information regarding the Praxis examination in audiology is available at <http://www.ets.org/praxis>. The exam can be taken at any time during the third year or after. The exam may also be taken as many times as necessary to achieve a passing score of 170 or higher. Note, some externship placements require evidence of a passing score on the Praxis examination prior to beginning the externship. A passing score must be on file in the Program office in order for processing of final graduation forms to proceed. Approximately 8 weeks should be allowed between the time the examination is taken and scores are received in the Program. Students are, therefore, advised to plan the time at which they will take the exam accordingly. When registering for the test, students must request that scores be sent to the Program of Speech and Hearing Science at Arizona State University. Students who do not have official Praxis scores on file in the program office are viewed as deficient with regard to completion of graduate requirements and will not be allowed to graduate until such scores are submitted.

Graduation Requirements

The AuD degree will be awarded upon successful completion of course work, the two formative assessments, clinical practicum, and the National Praxis examination. At the completion of the program, the Director of the Audiology Clinic, the AuD Program Coordinator, and the Academic Program Lead (unit Chair), will verify satisfactory completion of degree requirements and the achievement of the required competencies.

- Successful completion of 66 semester credit hours of required academic coursework with a minimum of 3.0 grade-point average in each semester of training including the optional 4th year externship (see Academic Standards for specific grade requirements)
- Successful completion of at least 20 semester credit hours of supervised clinical experience.
- Successful completion of the First-year Exam with a passing score

- Successful completion of the Second-year exam with a passing score.
- Successful completion of the national Praxis examination with a passing score.
- Successful completion of 850 hours of supervised clinical experience

Prior to graduation, the following information will be reviewed by the program. If any of these requirements are not completed or expected to be completed by the deadline for graduation, you will not be approved for graduation.

1. An official score of Praxis exam ≥ 170 was submitted to the program directly from ETS.
2. At least 850 clinical clock hours have been documented in Typhon.
3. No more than one grade below a B- was earned in each academic course or clinical practicum required for the degree. This requirement includes clinical courses and electives.

Upon graduation, given students have met the ASHA clinical training hours requirements, students may then apply for ASHA certification if they choose. Specific requirements for certification in Audiology may be found in the ASHA Membership Directory, and the ASHA Certification handbook, which may be obtained from the American Speech-Language-Hearing Association, 10801 Rockville Pike, Rockville, MD 20852 [(301) 897-5700]. The requirements also are posted on [ASHA's Certification website](#) . AuD students should familiarize themselves with the ASHA certification requirements and the ASHA Code of Ethics for clinical practice. These and other important documents are available on the [ASHA Audiology website](#).

Forms for AuD Program

All forms pertaining to the AuD Doctor of Audiology Program can be found on the AuD Program Blackboard site, which students are given access to upon matriculation.

Curriculum and Graduation Checklist

This AuD Plan of Study 3.0 applies to 2017 and 2018 Cohorts.

REQUIRED COURSEWORK AND CLINICAL TRAINING					
		Fall (1)	Credits	Spring (1)	Credits
		502L Basic Audiometry	4	517L Balance Assessment	4
		504L Amplification I	4	552L Physio Measures of Auditory Function	4
		513 Neurophysiology of the Auditory System	3	511 Aud Perception of the Hearing Impaired	3
		526 Launch to Clinic-Observation	1	580 On-Campus Clinic 1	2
				589 Grand Rounds	1
		<i>First-Year Exam</i>			
Summer (1)	Credits	Fall (2)		Spring (2)	
505 Survival Sign Language	2	516L Auditory Evoked Potentials	4	555L Cochlear Implants	4
580 On-Campus Clinic 2	3	520 Aud Pathologies & Otoneurologic Apps	4	510 Amplification II	3
		508 Pediatric Audiology	3	500 Research Methods	3
		580 On-Campus Clinic 3	3	584 Clinic Internship (Off-Campus) 1	3
		File your Plan of Study (iPOS)		589 Grand Rounds	1
Total	5	<i>Second-Year Exam</i>			
Summer (2)		Fall (3)		Spring (3)	
524 Counseling in Com Dis	2	525 Practice Management	3	523 Advanced Audiometry	3
584 Clinic Internship (Off-Campus) 2	3	522 Hearing Conservation/Instrumentation	3	518 Auditory Rehabilitation	3
		XXX Course or 592 research elective*	2	XXX Course or 592 research elective*	2
		584 Clinic Internship (Off-Campus) 3	3	584 Clinic Internship (Off-Campus) 4	3
		<i>(ASHA) Praxis Examination >170 score</i>			
*Elective may be taken during the summer				TOTAL	86
FLEXIBLE CLINICAL TRAINING					
Summer (3)		Fall (4)		Spring (4)	
590 Audiology Clerkship	1	590 Audiology Clerkship	1	590 Audiology Clerkship	1
Total	1	Total	1	Total	1
				TOTAL	87-89

General Guidelines (see checklist for specific information)

Research and/or teaching mentorship elective must be approved by faculty prior to registering

Clinical hours must be entered consistently and accurately in Typhon, our online clinical hour documentation system. Additionally, each semester you must complete a final review of the clinical course with your clinical instructor and have him/her sign off on your accumulated clinical hours.

Student Code of Conduct and Academic Integrity

ASU Student Code of Conduct Summary

The aim of education is the intellectual, personal, social, and ethical development of the individual. The educational process is ideally conducted in an environment that encourages reasoned discourse, intellectual honesty, openness to constructive change, and respect for the rights of all individuals. Self-discipline and a respect for the rights of others in the university community are necessary for the fulfillment of such goals. The Student Code of Conduct is designed to promote this environment at Arizona State University.

The Student Code of Conduct sets forth the standards of conduct expected of students who choose to join the university community. Students who violate these standards will be subject to disciplinary sanctions in order to promote their own personal development, to protect the university community, and to maintain order and stability on campus.

All Students are expected to adhere to the ABOR Student Code of Conduct.

[ABOR Student Code of Conduct](#)

[Student Disciplinary Procedures](#) (for cases opened between July 1, 2015 - June 30, 2016)

[Student Disciplinary/Grievance Procedures](#) (for cases opened after July 1, 2016)

[Role of an Advisor in the Investigative Process](#)

Academic Integrity

The highest standards of academic integrity and compliance with the university's Student Code of Conduct are expected of all graduate students in academic coursework and research activities. The failure of any graduate student to uphold these standards may result in serious consequences including suspension or expulsion from the university and/or other sanctions as specified in the academic integrity policies of individual colleges as well as the university.

Violations of academic integrity include, but are not limited to: cheating, fabrication of data, tampering, plagiarism, or aiding and/or facilitating such activities. At the graduate level, it is expected that students are familiar with these issues and that each student assumes personal responsibility in their work. Visit the [University's Academic Integrity Policy](#) page for specific guidelines.

Graduate Student Responsibilities

Graduate students are responsible for familiarizing themselves with all university and graduate policies and procedures. Each student should also communicate directly with his/her academic unit to be clear on its expectations for degree completion.

Information is provided to students via [MyASU](#). Students should frequently check their MyASU account for the most up-to-date information regarding their status, holds, items to attend to and other important information.

It is very important that students check with their thesis/dissertation advisor well in advance of data collection to ensure compliance with university regulations regarding the collection of research data. Please see the section of this guide titled "Research Involving Human and Animal Subjects."

[ASU Graduate Policies and Procedures PDF](#) (revised November 13, 2017).

This Handbook is not meant to be an exhaustive collection of all policies at Arizona State University. Students also should review the ASU [Graduate Policies and Procedures](#), which is the final authority

regarding University policies on graduate programs. Some of the information provided in the Handbook also is available on the Program's [AuD website](#). If additional questions and concerns arise that are not formally addressed in these sources, each student's program advisor should be consulted. Students are urged to maintain close contact with their advisor and to seek additional information as the need arises.

Professional Standards of Conduct

All students admitted to the ASU AuD program and enrolled in clinical practicum are expected to abide by the [ASHA Code of Ethics](#) and the [American Academy of Audiology \(AAA\) Code of Ethics](#). Violations of either Code of Ethics may result in permanent dismissal from practicum placement opportunities, and may additionally subject the student to dismissal from the academic degree program.

Additionally, strict adherence to [HIPAA guidelines](#) also is essential to protect the confidentiality of our patients. Any student found violating the HIPAA federal regulation will receive a failing grade for that semester's clinical rotation and, depending upon the gravity of the offense, may be dismissed from the program. It is important to understand that the welfare of the patient is just as important as the training needs of the student. Participation in clinic should be seen as a privilege rather than a right. Clinical practicum students are expected to maintain professional dress and demeanor whenever they are in the clinic rooms or hallways during clinic hours. Unprofessional conduct, or any conduct which compromises the quality of care to clinic patients, may result in dismissal from clinical rotation placements and from the academic degree program.

University and AuD Program Procedures and Policies

Please visit the ASU Graduate College [web site](#) for updated and most current Graduate policies.

Plan of Study (iPOS)

The Plan of Study (iPOS) functions as an agreement between the student, the academic unit, and the Graduate College. It is completed electronically by the student. Visit the [iPOS](#) page for additional information.

1. Students must submit their iPOS by the time they have enrolled for 50 percent of the minimum credit hours required for their degree program, or in the second year of AuD program.
2. The iPOS contains degree requirements such as coursework, committee and a culminating experience which must be included before it can be approved.
3. An approved iPOS must be on file prior to completing the Second Year Exam.
4. You should be in consultation with your academic program advisor to determine what coursework is applicable to your program and is required on the iPOS.

Students admitted after fall 2017 are on AuD POS 3.0

Students admitted fall of 2015 and fall 2016 are on AuD POS 2.0 or a transitional POS

Automatic Withdrawal from Program and Leave of Absence

A graduate student who does not enroll in courses for any semester within a calendar year (Fall/Spring/Summer) will be automatically withdrawn from the program. According to current policy, doctoral students who find it necessary to suspend their graduate studies may request a Leave of Absence not to exceed two consecutive semesters, including summer. The form required to petition the Graduate College for a leave of absence is available on the Graduate College [web site](#).

Continuous Enrollment

Graduate students planning to discontinue registration for a semester or more must request approval to maintain continuous enrollment. This request must be submitted and approved before the anticipated semester of non-registration. Students may request to maintain continuous enrollment without course registration for a maximum of two semesters during their entire program. See the [Graduate College Forms](#) page for appropriate form.

ASU AuD Program Dismissal Criteria

Students will be dismissed from the program:

- o Following two or more instances of unsatisfactory academic performance, regardless of the semester in which the poor performance occurred.
- o Failure to pass the 1st or 2nd year exam.
- o A single violation of academic integrity.
- o For seriously compromising the relations of the Program with the public.
- o For breaches of ethical judgment or professional responsibility.
- o For serious instances of personality or character traits inappropriate for the professional roles for which the student is attempting to prepare.
- o Periods of absence during a semester without the endorsements of the student's graduate advisor or committee.

Following the first, single instance of unsatisfactory performance (unsatisfactory grade or more than one Incomplete in a given semester), the student:

- o Must meet with his/her program advisor each semester thereafter to review progress.

- Must notify the advisor, in writing, of any changes he/she wishes to make to the Program of Study (including withdrawal of enrollment from a course).
- Must earn a B- or better in the academic course in which the incomplete was obtained by the end of the following academic semester.

Withdrawal from Clinical Rotation

There are no provisions for a student to withdraw from a clinical rotation unless clinical performance is unsatisfactory or it is in the best interest of the client(s). In those cases, the student may be assigned to a different preceptor or required to repeat the clinical rotation. Additional factors for withdrawal may be considered by the clinical supervisor/preceptor in consultation with the program's Clinical Externship Coordinator and Director of the Audiology Clinic.

Appeals

General Appeals

The Audiology Program follows the ASU Policy for student appeal procedures, as outlined in the [General Catalog](#). All appeals, except those in regard to dismissal [see section 4] are handled by the Academic Program Lead (APL). The APL may choose to proceed with an informal process, and if needed, followed by a formal one.

1. If the appeal is in regard to a course or clinic grade, the student may submit a letter to the APL within 10 business days of receiving the final course grade. The letter should state the reasons for seeking a change in grade and provide substantive evidence in support of the request.
 - a. The APL will meet with the student and the instructor before rendering a decision in writing to both parties.
 - b. If a more formal process is required, the APL may request that the appeal be handled by the Standards Committee. The committee will review the appeal and submit their recommendation to the APL. The decision will be provided to the student and the instructor in writing.
 - c. If the request for grade change is denied, the student may appeal to the Senior Director of Academic Initiatives for the College of Health Solutions. The student has one calendar year from the date the grade was awarded to dispute the grade.
2. Students requesting exemption from specific requirements within their respective programs (not related to unsatisfactory performance described in Section 2) may submit a request to the APL for consideration.

Appealing Dismissal from the Doctor of Audiology Program

1. Students may appeal a decision for dismissal from the program by submitting a letter to the APL.
 - a. The letter must be received within 10 business days of the date of the letter of dismissal. The letter should state the reasons justifying a reversal of the original decision and provide substantive evidence in support of the request.
 - b. Letters received after the 10 business-day interval will not be reviewed and the dismissal will be final.
 - c. The Standards Committee will review all letters of appeal that are received within the 10 business-day time frame. The committee will submit their decision to the APL within 10 business days of receipt of the student's letter.
2. The APL will notify the student, the Program Director, and the Graduate College of the decision. If the appeal is granted, the student will continue to be subject to the conditions described herein, including:
 - a. Retake and pass all summative exams as necessary.
 - b. Retake one or more courses if necessary.
 - c. Earn no further unsatisfactory grades or incompletes for the remainder of the program

- of study. This includes both academic coursework and clinical practicum.
- d. Any further instance of unsatisfactory performance (e.g., grade lower than B- or incomplete) will result in immediate dismissal.
3. If a timely appeal is denied or not reviewed by the Standards Committee, the APL will recommend dismissal to the Graduate College. The Graduate College will then inform the student by letter. The student may appeal to the [Graduate College](#).

Conduct and Conflict Resolution

Students with grievances regarding another student or an instructor are encouraged to discuss their grievance with the other party prior to involving their program advisor. If the situation warrants a formal response, the program adviser will determine an appropriate course of action. If the student has a complaint against their program adviser, the student should take the complaint to the AuD Program Coordinator or the Academic Program Lead.

If the situation is not resolved in a satisfactory manner, the student may submit a complaint to the Graduate School or to the University-appointed Ombudsperson (an impartial fact-finder and problem-solver) for Academic and Student Affairs. The Ombudsperson has no power to reverse or change decisions but has conciliation skills to help expedite the process. More information about Ombudspersons and the Ombudspersons Committee can be found [here](#).

Complaints about the AuD Graduate Program at ASU also may be submitted in writing to the program accrediting body:

Chair, Council on Academic Accreditation in Audiology and Speech-Language Pathology
American Speech-Language-Hearing Association
2200 Research Boulevard, #310
Rockville, MD 20850

The information regarding how complaints are reported and handled by the CAA can be found [here](#).

Program and University Resources

AuD Program Forms and Important Academic and Clinic Information

Located on AuD Program BlackBoard site.

Student Associations

Student Academy of Audiology, Advisors Erica Williams and Mollie Harding
National Student Speech-Language-Hearing Association, Advisor Myra Schatzki
[Graduate and Professional Student Association](#)

Student Support Services

[Writing Centers](#) : Using this tutoring service is highly recommended early in your graduate career.

[Counseling Services](#)

[Student Health Services](#)

[ASU Wellness & Sundevil Fitness Center](#)

[Campus Safety](#)

[Disability Resource Center \(DRC\)](#)

[Pat Tillman Veteran's Center](#)

[International Students and Scholars Center](#)

[Campus Amenities](#)

Business and Financial Services

[Parking & Transit](#)

[Sun Card](#). You must purchase an ID. Not only is this the University ID, but also required to access Clinic Rooms.

[Student Business Services](#)

University Level Contact information

[Office of University Provost](#)

[Graduate College](#),

[University Technology Office](#)

In-State Residency Requirements

Visit the [ASU Residency](#) website for additional information on in-state residency categories and residency petition requirements. According to Arizona Statute 15-1802. In-state student status. "Except as otherwise provided..., no person having a domicile elsewhere than in this state is eligible for classification as an in-state student for tuition purposes."