

**SPEECH LANGUAGE HEARING SCIENCES (SLHS)  
UNIVERSITY OF COLORADO - BOULDER**

**GRADUATE STUDENT HANDBOOK**

**APPROVED BY FACULTY**

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**SLHS Graduate Student Handbook  
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Students may choose to follow the rules in place at the time of the start of their graduate program or may choose to follow any version of the rules approved following their entry date.

## **I: GRADUATE SCHOOL RULES**

Students must follow all rules of the Graduate School. In some cases, Departmental rules are more stringent than Graduate School rules. You can find the Graduate School rules at <http://www.colorado.edu/GraduateSchool/policies>.

## **II: SLHS ORGANIZATION**

The SLHS By-Laws provides information about the structure and organization of the SLHS department. The following provides information on those aspects of SLHS structure that have the most impact on graduate students and their program.

### **Article II: Section 1: Structure**

The governing body of the Speech, Language and Hearing Sciences department is its faculty and at least one student representative. The student representative will be present at Department meetings except during matters that involve students and current or potential faculty or staff. Committee membership is available from Brenda Dowell, Assistant to the Chair.

### **Article II: Section 2: Department Chair**

The Department Chair is the chief administrative officer of the Department and is responsible for the effective and efficient administration of the Department in accordance with the Laws of the Regents, the policies of the University, and the rules of the College and the Department; all official business involving the Department must go through this office. The Department Chair also serves as the ASHA/CAA Program Director and is responsible for assuring that SLHS graduate clinical programs adhere to accreditation standards.

### **Article II: Section 3: SLHS Executive Committee**

The executive committee is comprised of the Chair of the Department who will chair this committee, Associate Chair & Coordinator of Graduate Studies, Coordinator of Undergraduate Studies, Director of Clinical Operations (ex officio), and two representatives from the faculty elected by faculty members with voting privileges. Elected representatives serve for three years with an option for re-election after a hiatus of one year.

The executive committee serves as an advisory body to the chair of the Department regarding a variety of issues as deemed appropriate by the chair and the rest of the governing body including matters related to the budget.

### **Article II: Section 4: Associate Chair & Coordinator of Graduate Studies**

The Associate Chair & Coordinator of Graduate Studies, or COGS, assists the Chair in carrying out Departmental administrative duties. This individual also serves as the Departmental liaison

with the Graduate School. The COGS assures that all academic components of graduate programs are carried out so as to be consistent with Department, Graduate School and Council of Academic Accreditation (CAA) rules, that students are making adequate academic progress in their degree programs, and that appropriate action plans are developed for those students who are not making adequate academic progress.

The COGS works in conjunction with the chairs of the MA-SLP Committee, the Au.D. Committee, the PhD and MA Research Admissions Committee, and individual students' Ph.D. and MA committees, to maintain updated printed and web descriptions of all SLHS graduate programs and determine financial aid and TA/GPTI awards.

**Article II: Section 5: Clinic Directors**

The clinical component of the MA-SLP and AUD degree programs is managed by a three person directorate composed of: Director of Clinical Operations, Director of Clinical Audiology and Director of Clinical Speech-Language Pathology. These directors work together to assure that clinical education experiences are completed consistent with Council on Academic Accreditation standards and the Clinical Competence Certification Standards of ASHA, and that the services provided in the Clinic meet the highest standards.

**Article II: Section 6: Audiology Committee**

The audiology committee is responsible for the following: 1) evaluate Au.D. applicants and make recommendations to the Chair of the Department regarding the acceptance or rejection of each; 2) distribution of financial aid to new and continuing Au.D. students, in coordination with the Coordinator of Graduate Study; 3) conduct an annual review of all Au.D. students and work with the Coordinator of Graduate Study, the Chair of the Audiology Committee and the Director of Clinical Audiology to develop action plans for those students who are not making adequate progress in the program; 4) monitor and address issues regarding the Au.D. curriculum; and 5) organize the formulation, administration and evaluation of the Au.D. preliminary and comprehensive and Au.D. oral final examinations.

**Article II: Section 7: MA-SLP Committee**

The MA SLP committee is responsible for the following: 1) evaluate applicants to the MA –SLP program making recommendations to the Chair of the Department regarding the acceptance or rejection of each; 2) work in coordination with the Coordinator of Graduate Studies regarding distribution of financial aid to both new and continuing students; 3) evaluate all clinical MA students at the end of each semester and work with the Coordinator of Graduate Study, the Chair of the MA-SLP Committee and the Director of Clinical Speech-Language Pathology and specific individual student advisors to develop action plans for those students who are not making adequate progress in the program; 4) monitor and address issues regarding MA-SLP curriculum; and 5) organize the formulation, administration and evaluation of the SLP comprehensive examination. The three members of the MA-SLP Committee will serve as the standing MA-SLP Committee for all students in the MA program who are seeking clinical certification in speech-language pathology.

**Article II: Section 8: Research MA and Ph.D. Admissions Committee**

The research MA and PhD admissions committee is responsible for the following: 1) evaluate PhD and non-clinical MA applicants making recommendations to the Chair of the Department regarding the acceptance or rejection of each; and 2) work in coordination with the Coordinator of Graduate Study regarding distribution of financial aid to both new and continuing students.

**Article II: Section 9: Graduate Faculty**

See Article I: Section 4 of the Graduate School Rules outline the rules regarding Graduate Faculty appointment. The Graduate School distinguishes between members who are regular, tenure-track faculty and other graduate faculty in terms of the roles members may assume. The Graduate School rules regarding roles are particularly important for students forming thesis and dissertation committees, in terms of who may serve as official members and Chairs.

**Please refer to Table 1 for information regarding the roles faculty members may assume for theses and doctoral committees.**

Table 1. Graduate Faculty Appontments AY 16-17						
Faculty Memer	Academic Title	Type of Graduate School Appointment	Serve on MA Thesis Comm.	Chair MA Thesis Comm.	Serve on Doctoral Comm.	Chair Doctoral Comm.
Arehart, Kathryn	Professor	regular	*	*	*	*
Baiduc, Rachael	Assistant Professor	regular	*	*	*	*
Bonino, Angela	Assistant Professor	regular	*	*	*	*
Brennan, Christine	Assistant Professor	regular	*	*	*	*
Kan, Pui Fong	Associate Professor	regular	*	*	*	*
Meyers, Christina	Assistant Professor	regular	*	*	*	*
Ramsberger, Gail	Associate Professor	regular	*	*	*	*
Schick, Brenda	Professor	regular	*	*	*	*
Sharam, Anu	Professor	regular	*	*	*	*
<i>Anderson, Melinda</i>	<i>Adj. Assistant Professor</i>	<i>special</i>	*		*	
Boerger, Karin	Scholar-In-Residence	special	*			
Bogle, Jamie	lecturer	special	*		*	
Brown, Arlene	Professional Research Assistant	special	*			
<i>Cardon, Garrett</i>	<i>Lecturer</i>	<i>Special</i>	*		*	
<i>Croghan, Naomi</i>	<i>Adj. Assist. Professor</i>	<i>special</i>	*		*	
Fredrickson, Tammy	Clinical Assist. Professor	special	*		*	
<i>Gabbard, Sandra</i>	<i>Adj. Assistant Professor</i>	<i>special</i>	*		*	
Hardin, Kathryn	<i>Adj. Assistant Professor</i>	special	*			
<i>Hayes, Deborah</i>	<i>Adj. Professor</i>	<i>special</i>	*		*	
<i>Jenkins, Herman</i>	<i>Adj. Professor</i>	<i>special</i>	*		*	
Kates, James	Scholar-In-Residence	special	*			
Holly Kleiber		special	*			
Kozlowski, Jennifer	Lecturer	special	*			
Allison Lemke	Clinical Associate Professor	special	*			
Lewon, Jen	Clinical Assist. Professor	special	*			
<i>Long, Christopher</i>	<i>Adj. Assistant Professor</i>	<i>special</i>	*		*	
Moore, Susan	Clinical Professor Emeritus	special	*			
Parker, Jen Marson	Clinical Assistant Professor	special	*			
Pollard, Ryan	Clinical Assist. Professor	special	*		*	
Ramig, Lorraine	Research Professor	special	*		*	
Ramig, Peter	Professor Emeritus	special	*		*	



Randol, Janine	Lecturer	special	*			
Christina Riseman		special	*			
Rudden, D'Anne	Lecturer	special	*		*	
Schwartz, Scott	instructor	special	*			
Sedey, Allison	Res. Assistant Professor	special	*		*	
Schneller, Christy	Lecturer	special				
Skidmore, Kaylee	instructor	special	*			
Stamm, Allison	lecturer	special	*			
Steffen, Jeffrey	lecturer	special	*			
Stith, Joanna	instructor	special	*			
<i>Strong, Darcy</i>	<i>instructor</i>	<i>special</i>	*		*	
Summerfeldt, Kristin	Clinical Assist. Professor	special	*		*	
Tennant, Sherri	Scholar in Residence	special				
Thrasher, Amy	Clinical Assist. Professor	special	*			
<i>Tollin, Daniel</i>	<i>Adj. Professor</i>	<i>special</i>	*		*	
Trehame, Sarah	Lecturer	special	*			
Tucker, Kathryn	Lecturer	special	*			
<i>Uhler, Kristin</i>	<i>Adj. lecturer</i>	<i>special</i>	*		*	
Walton, Patricia	Lecturer	special	*			
Whitney, Anne	Clinical Professor Emerita	special	*			

Graduate School Rules also specify that some committees must include members both from within the Department and from outside the Department. Faculty listed above in italics are considered “outside” committee members. All others are considered SLHS committee members. Outside committee members can also be recruited from other units on the Boulder campus.

**Article II: Section 10: Graduate Program Assistant**

The Graduate Program Assistant works with faculty and students on the following: graduate admissions, registration for classes, graduate examinations (preliminary, comprehensive, thesis/dissertation prospectus and defense, etc.), transcripts, maintenance of student records, submission of necessary forms for graduation, and appointments to the Graduate Faculty.

**Article II: Section 11: Assistant to the Chair**

In addition to working with the Department Chair, this individual works with faculty and students on the following: budgets; setting up student employee appointments and payroll; processing time sheets, processing travel and expense reimbursements; scheduling of courses and rooms, FCQ administration; key authorization, assignment of student lockers, and serves as the building proctor.

**Article II: Section 12: Speech Language Hearing Clinic Assistant**

In addition to working with the Clinic Directorate, the Clinic Assistant works with students on the following: ordering supplies for Clinic operations; processing of billing for clients served in the Clinic; maintaining records of student clinical clock hours; maintaining student clinical practicum evaluations; and processing student internship applications.

**ARTICLE III: GRADUATE EDUCATION**

**Article III: Section 1: Degree Programs and Non-Degree Students**

**Article III: Section 1.1: MA-SLP Program leading to ASHA clinical certification**

The Master's degree program in speech-language pathology is designed to provide a theoretically and clinically rich path for professionals planning to work as speech-language pathologists in settings such as schools, private practice, outpatient clinics, and early intervention programs, as well as medical settings, such as hospitals and other agencies. Students in the MA-SLP program are provided with a strong foundation of theoretical and clinical knowledge through their course work and clinical education experiences.

Students completing the MA-SLP program obtain a Masters of Arts degree from the University of Colorado and are eligible to receive the Certificate of Clinical Competence in Speech Language Pathology from the American Speech Language Hearing Association upon successful completion the clinical fellowship year and the national PRAXIS examination. Students are eligible for Colorado Department of Education (CDE) speech-language pathology credential to work in public school settings if they complete a public school internship consistent with Colorado regulations, and also qualify to for Colorado speech-language pathology certification through the Colorado Department of Regulatory Agencies (DORA) to work in all other settings.

The SLP program is typically a 6 semesters (fall, spring and summer in both year 1 and year 2) plus the initial August Intensive Program for those who have completed all undergraduate pre-

requisites. The program culminates with two full time internships, as well as, the successful passing of the comprehensive exam or completion of a thesis. Students completing a thesis may opt to reduce clinical education requirements by one of two full time internships. See Table 2 for the two year sequence and Article III: Section 5.1 for coursework requirements.

If a student has an undergraduate degree in speech, language and hearing sciences (SLHS) or has completed a post bachelariate pre-requisite program, it is likely that the student will have completed all prerequisite courses; however, the CAA Program Director must confirm that each student has completed all prerequisite courses before the application for Certificate of Clinical Competency (CCC) can be authorized. Therefore, upon admission, all students will be sent the *MA-SLP Prerequisite Form*. This is to be completed and returned as instructed. Upon receipt, the MA-SLP Committee will review and work with the student to develop a plan to complete pre-requisite requirement(s) during the MA program.

If a student does not have an undergraduate major in speech, language and hearing sciences or has not completed a post bachelariate pre-requisite program, and s/he is admitted to the MA-SLP program, the student will devote the first year after admission to completion of undergraduate leveling (prerequisite) courses plus, and if possible, a few graduate courses. Generally, it requires 8 semesters (fall & spring year 1, fall, spring and summer in both year 2 & 3) + the initial August Intensive Program completed between years 1 & 2 for students without an undergraduate major in SLHS to complete the program. See Table 2 for the three year sequence.

The master's degree work will culminate in one or two full-time internships in off-campus professional settings. Students completing a master's thesis may complete one internship; all others must complete two internships. Students can expect to exceed the minimum requirements for clinical contact (400 hours) as specified by the Council For Clinical Certification in Audiology and Speech-Language Pathology for its Certificate of Clinical Competence in Speech-Language Pathology (CCC-SLP). However, at least the minimum requirements for clinical clock hours must be successfully completed before the degree can be awarded.

Table 2. MA-SLP Two Year Sequence

<b>August Intensive</b>	<b>Year 1</b>	<b>Year 2</b>
<ul style="list-style-type: none"> <li>• Coursework</li> <li>• Verify that all pre-requisite courses have been completed. If there are pre-requisite courses that need to be completed, develop a plan for completion with input from Chair of the MA-SLP Committee</li> <li>• Initiate Calipso database for tracking of clock hours and other program requirements</li> </ul>	<ul style="list-style-type: none"> <li>• Coursework</li> <li>• Clinical Practicum</li> <li>• Update Portfolio through Calipso</li> <li>• Select thesis or Part II Comprehensive Exam option</li> <li>• Summer coursework &amp; practicum, and begin written comprehensive examination.</li> </ul>	<ul style="list-style-type: none"> <li>• Coursework</li> <li>• Clinical Practicum</li> <li>• Update Portfolio through Calipso</li> <li>• Complete Comprehensive Examination, or Thesis, and Praxis Exam</li> <li>• Complete Internships</li> <li>• Submit all final paperwork for graduation and application for CCC for signature by CAA Program Director</li> </ul>

Table 3. MA-SLP Three Year Sequence

Year 1	August Intensive	Year 2	Year 3
<ul style="list-style-type: none"> <li>• Pre-requisite coursework</li> <li>• Possible graduate course or two depending on the amount of pre-requisite coursework that needs to be completed</li> </ul>	<ul style="list-style-type: none"> <li>• Coursework</li> <li>• Verify that all pre-requisite courses have been completed. If there are pre-requisite courses that need to be completed, develop a plan for completion with input from Chair of the MA-SLP Committee</li> <li>• Initiate Calipso database for tracking of clock hours and other program requirements</li> </ul>	<ul style="list-style-type: none"> <li>• Coursework</li> <li>• Clinical Practicum</li> <li>• Update Portfolio through Calipso</li> <li>• Select thesis or Part II Comprehensive Exam option</li> <li>• Summer coursework &amp; practicum, and begin written comprehensive examination.</li> </ul>	<ul style="list-style-type: none"> <li>• Coursework</li> <li>• Clinical Practicum</li> <li>• Update Portfolio through Calipso</li> <li>• Complete Comprehensive Examination, or Thesis, and Praxis Exam</li> <li>• Complete Internships</li> <li>• Submit all final paperwork for graduation and application for CCC for signature by CAA Program Director</li> </ul>

**Article III: Section 1.2: MA Research Program**

Students can also design their own master’s degree in SLHS in any topic related to speech, language, or hearing sciences. This degree will not lead to clinical certification. Working with an advisor, students design a plan of study, with coursework within SLHS and from other departments. A master’s thesis is required, and the student must register for 6 credit hours of M.A. thesis credit.

The Master’s Research Program in SLHS requires 30 credit hours of graduate coursework, with four to six credit hours devoted to the master’s thesis. At least 24 hours must be completed at the 5000 level or above. A maximum of 6 credit hours may be completed at the 3000 or 4000 level if approved by the Coordinator of Graduate Studies. See See Article III: Section 5.2 for coursework requirements.

The MA Research Program requires close work with the student’s faculty advisor and advisory committee.

**Article III: Section 1.3: Au.D. Program**

The Doctor of Audiology (Au.D.) program focuses on providing students with the knowledge and skills necessary to be independent practitioners. Graduates of this program will have the breadth and depth of knowledge and skills necessary for certification and licensure to be an audiologist. Each student's program is primarily comprised of general Departmental requirements, with some options for students to select focus areas or elective courses that address his or her specific area of interest. The curriculum and goals of our program are shaped by the certification requirements of the American Speech Language Hearing Association and the American Board of Audiology. The Doctor of Audiology program is accredited by the Council of Academic Programs in Communication Sciences.

As a general rule, Au.D. students should expect that their program will take four years of full time study, including enrollment every summer. This includes coursework, clinical practica, various examinations and the 4th year full time externship. A general overview of the program is shown in the table below. Each student is assigned an advisor and the Director of Clinical Audiology serves as advisor for the clinical components of the program. The Au.D. committee is the defacto committee for all Au.D. students. See Table 4 for the four year sequence.

Table 4. Four Year Sequence of the Au.D. Program

Year 1	Year 2	Year 3	Year 4
<ul style="list-style-type: none"> <li>• Coursework</li> <li>• Clinical Observation and Practicum Labs</li> <li>• Verify that all pre-requisite courses have been completed. If there are pre-requisite courses that need to be completed, develop a plan for completion with Chair of AUD Committee</li> <li>• Initiate Calipso database for tracking of clock hours and other program requirements</li> </ul>	<ul style="list-style-type: none"> <li>• Complete Preliminary Exams (Fall)</li> <li>• Coursework</li> <li>• Clinical Practicum and off site rotations</li> <li>• Update Clinical Portfolio on Calipso</li> </ul>	<ul style="list-style-type: none"> <li>• Complete Coursework</li> <li>• Clinical Off Site Rotations</li> <li>• Complete Comprehensive Examination (Spring)</li> <li>• Complete Capstone Project</li> <li>• Update Clinical Portfolio on Calipso</li> </ul>	<ul style="list-style-type: none"> <li>• 4th Year Externship</li> <li>• Complete National Praxis Examination</li> <li>• Update Clinical Portfolio on Calipso</li> <li>• Final Examination and Portfolio Review (Spring)</li> </ul>

This timeline is approximate because students enter the program with a wide variety of experiences, knowledge and skills. Be aware that the four-year timeline is applicable to students who are seeking the Au.D. degree only. Students who are pursuing the dual degree Au.D./PhD will have additional time added to their program.

All students begin coursework during the first semester and should be finished with coursework by the end of Year 3. All Au.D. students are expected to participate in clinical practicum each semester, including summers. Initially, students will gain basic clinical skills and knowledge by participating in clinical labs taught in the SLHS Clinic. Subsequently, students will be in practicum at the University of Colorado Hospital Boulder Clinic for approximately 8 hours per week under the direct supervision of licensed audiologists who hold the ASHA CCC. Later, off site rotations will involve student assignments to various clinical facilities for an entire semester with a weekly commitment of approximately 16 hours per week. The 4th year externship is a twelve-month full-time clinical education experience spread across up to one to three different locations. All clinical placements are individualized to address the student’s needs, while

consideration is also given to the availability of appropriate practicum sites. Students will work with the Director of Clinical Audiology to determine the most appropriate clinical rotation and externship facilities. Students should be aware that out-of-state placements are contingent on faculty approval and affiliation agreements.

### **Article III: Section 1.4: Ph.D. Program**

The Ph.D. program focuses on training in research with the expectation that students who complete the program will have the knowledge and skills necessary to conduct independent research. For this reason, each student's program is unique and designed to guide the student in his or her specific area of interest. There are some general Departmental requirements expected of all students, but much of the coursework will be unique to the student's own goals. Students should have a strong commitment to conducting research but previous experience is not required.

At the beginning of the doctoral program, a student may work on research projects mostly designed by the advisor, however dissertation research should be focused on an individualized area of interest. The doctoral program is designed to help guide the student in this process.

As a general rule, students should expect that their program will take at least four years of full time study, unless they have completed a M.A. thesis on the same topic as their dissertation topic. This includes coursework, research projects, practica (research, teaching) and the final dissertation. A general overview of the program is shown in Table 6. This timeline is approximate because students enter the program with a wide variety of experiences, knowledge and skills. There are many things that can affect the length of a program and a plan of study should project a completion date.

All students begin coursework during the first semester and should be finished sometime during Year 3. All doctoral trainees are expected to participate in a research project each semester. For the first project, students are allowed and encouraged to work on a project that may be suggested by the advisor. Many advisors have large sets of data that allow further analysis or may have an idea that a student could pursue as a project. Students are expected to complete two research projects prior to their dissertation. A master's thesis may be accepted as one of these projects, if approved by the committee. It is expected that the student present these projects in peer-reviewed forums (conferences, journals etc).



Table 6. Timeline for Ph.D. Program

<b>Year 1</b>	<ul style="list-style-type: none"> <li>• Coursework</li> <li>• Choose Committee</li> <li>• Develop Plan of Study (Plan of Study Committee)</li> <li>• Complete Preliminary Exams</li> <li>• Conduct Guided Research Project</li> </ul>
<b>Year 2</b>	<ul style="list-style-type: none"> <li>• Coursework</li> <li>• Complete Guided Research Project</li> </ul>
<b>Year 3</b>	<ul style="list-style-type: none"> <li>• Complete Coursework</li> <li>• Complete Comps</li> <li>• Prepare Dissertation Prospectus</li> </ul>
<b>Year 4</b>	<ul style="list-style-type: none"> <li>• Complete Dissertation</li> </ul>

**Article III: Section 1.5: Dual Au.D./Ph.D.**

Students may also pursue both clinical audiology (Au.D.) and research (Ph.D.) in a dual degree Au.D./Ph.D. program. Acceptance into the dual Au.D./Ph.D. program requires students to apply for admission into both the Au.D. and Ph.D. programs. The dual Au.D./Ph.D. program is appropriate for students seeking academic, clinical and research training with significant overlap and within the scope of practice of audiology. Students whose area of research does not fall within the scope of practice of audiology and would require significant additional training to be well prepared for their Ph.D. research should not pursue the dual Au.D./Ph.D. but rather separate Au.D. and Ph.D. programs.

Students in the Au.D./Ph.D. program may obtain their Au.D. degree first, followed by the Ph.D., as long as the student has continuous registration between receipt of the Au.D. and completing the Ph.D. portion of the dual degree. Students are required to have at least 131 credit hours towards the dual degree. Students will complete the full 89 credits required in the Au.D. curriculum. A minimum of 42 additional credit hours, including dissertation credits, will also be required to receive the dual Au.D./Ph.D.. These 42 credit hours will include one additional minor outside of SLHS, the teaching practicum, the research practicum, additional statistics and research tools courses, and the dissertation.

While the Au.D. portion is highly prescribed, the Ph.D. program varies greatly and is individualized to meet the research interests and career goals of the student. The timeline of the dual Au.D./Ph.D. varies according to the research program pursued, the advisor, the full time status of the student, and other opportunities that arise during the course of the dual program.

**Article III: Section 1.6: Dual Ph.D. in SLHS & Neuroscience**

SLHS offers a dual degree in Speech, Language, and Hearing Sciences and Neuroscience. The Ph.D. in SLHS/Neuroscience is an inter-departmental program that has a speech, language, and hearing sciences and neuroscience track. A student must be admitted to SLHS in order to participate in the dual degree and must complete the dissertation under the direction of a faculty person who is a member of the Neuroscience program. All students in Neuroscience are required to complete a set of common core courses in neurosciences, with the remaining courses being specific to each track. The details of the course requirements can be found on the Neuroscience Requirements website. This is a dual degree and not a minor in neuroscience.

**Article III: Section 1.7: Dual Ph.D. in SLHS & Cognitive Science**

The Institute of Cognitive Science at CU-Boulder sponsors a graduate certificate program and a joint Ph.D. program that provide exceptional breadth and depth of interdisciplinary training in the cognitive sciences. Graduate students who are interested in either of these institute programs must first be admitted to a participating graduate program that has cognitive science faculty – SLHS is a participating program. A student must be in good academic standing in order to apply to the dual SLHS/Cognitive Psychology program. The student must make a formal application for admission to the certificate or joint Ph.D. program at ICS. Both programs have formal approval from the Graduate School and completion of the programs is acknowledged by a certificate of completion on the student's transcript. See the SLHS website for more information.

**Article III: Section 1.8: Triple Ph.D. in SLHS, Neuroscience & Cognitive Science**

The Institute of Cognitive Science at CU-Boulder sponsors a triple Ph.D. program that provide exceptional breadth and depth of interdisciplinary training in the cognitive neurosciences. Graduate students who are interested in either of these institute programs must first be admitted to a participating graduate program that has cognitive neuroscience faculty – SLHS is a participating program. Students in good academic standing then make a formal application for admission to the triple Ph.D. program at ICS. Details can be found at the program's website. The program has formal approval from the Graduate School.

**Article III: Section 1.9: Non-Degree Seeking students**

Graduate level courses in SLHS are open only to degree-seeking students enrolled in graduate programs on the CU-Boulder campus. However, occasionally exceptions to this policy may be made by instructor permission on an individual basis in instances where the student is enrolled in a related undergraduate program on the CU-Boulder campus or a graduate program at another campus of institution, or when the student holds an undergraduate or master's degree and is currently working in a field where the knowledge gained in the course would have applicability. Non-matriculating students may take a maximum of three 3-credit graduate level courses for a grade; subsequent courses may only be taken for no credit. Exceptions to this policy must be approved by both the instructor of the course and Coordinator of Graduate Studies.

Non-Degree Seeking Students enroll through the Access Program in Continuing Education on a space-available basis.

**Article III: Section 2: Admissions**

See Article II: Section 2 of the Graduate School Rules for general policies and procedures regarding graduate studies.

All information related to graduate applications is on the SLHS website (slhs.colorado.edu). Refer to the website for all application information. SLHS only accepts applications through the CU Boulder Online application. You can check the status of your application in the same portal. The online application system is managed by Graduate Admissions. Deadlines are absolute.

Students may be allowed to change from one of the clinical programs (MA-SLP or AUD) to the MA-Research program, but this requires the change be approved by the appropriate admissions committee. The request to change requires a letter from the student that includes the rationale for the switch. The student must have letters from two SLHS faculty members supporting the student's request to change programs.

Students admitted to one of the clinical programs who wish to pursue the PhD must apply for admission to the PhD program as part of a normal admissions cycle (e.g., October deadline for spring admission or January deadline for fall admission).

Statistics on the last round of admissions are provided as a guideline for potential applicants and are available on the SLHS website.

**Article III: Section 3: Advising and Advisory Committees**

**Article III: Section 3.1: MA-SLP Program**

All MA Students meet with the Chair of the MA-SLP Committee to be advised and to complete a Program Plan that addresses any deficiencies in pre-requisite courses. All advising regarding clinical assignments and internships is done by the Director of Clinical Speech Language Pathology. Students continue to meet as a group on a regular basis throughout their program with the Chair of the MA-SLP Committee and the Director of Clinical Speech-Language Pathology for ongoing academic and clinical advising.

**Article III: Section 3.2: MA Research Program**

**Primary Advisor:** One of the most important steps in the MA Research Program is for a student to determine which faculty member will serve as the primary thesis advisor. Students should talk with faculty members who share an area of interest, and learn about his or her research interests and the types of projects conducted in the lab. A student should be specific about research interests to determine whether the potential advisor is interested in mentoring a thesis project in his or her area. All advisee – student relationships are by mutual agreement.

The advisor must have a *Regular* Graduate School Faculty appointment (see Article II: Section 8 for a list of SLHS faculty members who have a *Regular* appointment). You must also have two other committee members with appropriate Graduate School Faculty appointments (see Article II: Section 8).

Students in the MA Research Program must develop a Plan of Study in conjunction with their advisor and advisory committee during the first semester of study. The Plan of Study should detail goals, coursework, and practicum (if applicable) to be completed to meet degree requirements. The form is available on the SLHS website. It should also include a proposed schedule for completion of degree requirements. The Plan of Study becomes the blueprint for a student's graduate program. The student's advisory committee must approve the Plan of Study in a formal meeting and signed by all committee members. A copy should be given to the Graduate Program Assistant and placed in the student's file. A student is responsible to obtain approval and signatures for the Plan of Study, allowing the committee a minimum of two weeks to review the plan. The Plan of Study may be amended or changed later with the committee's approval. A student may petition for alternative requirements, substitutions or waivers to this program, per the SLHS policy on waivers (See below).

It is unusual to change advisors during a program. This may happen if a student's research interests shift and the advisor is no longer the best fit in terms of mentorship. A change in advising may prolong the program. There is no guarantee that an alternative advisor or committee member can be appointed.

### **Article III: Section 3.3: Au.D. Program**

In the Au.D. Program, regular mandatory student meetings for all 1<sup>st</sup>, 2<sup>nd</sup>, and 3<sup>rd</sup> year students will be held each semester. These meetings will serve as group advising sessions. AUD students will have a plan of study that follows the standard AUD curriculum. Changes to this prescribed plan of study need to be approved by the AUD Committee. Clinical placement advising is done by the Director of Clinical Audiology.

### **Article III: Section 3.4: Ph.D. Program**

The student's Plan of Study Committee oversees all initial planning and developing a Plan of Study document. The Plan of Study Committee consists of two tenure track faculty members in SLHS and a third full-time SLHS faculty member holds an appropriate graduate faculty appointment. This committee will oversee:

- the Plan of Study (Plan of Study Committee)
- the preliminary examination (Plan of Study Committee)

The student's Advisory Committee will consist of five members with a minimum of three full-time SLHS graduate faculty who hold the doctoral degree, two of whom must hold Regular Graduate faculty appointments. The student's advisor will chair the committee and must be a

Regular Member of the Graduate Faculty (as defined in the Rules of the Graduate School; see Article II: Section 8). The outside committee member must be a Graduate School Faculty member with an outside SLHS appointment. This committee will oversee:

- the comprehensive examination (Advisory Committee)
- the dissertation prospectus (Advisory Committee)
- the dissertation (Advisory Committee)

The chair of the committee will be the student's primary advisor and will:

- oversee doctoral practica in research and teaching
- assure pre-dissertation research experiences
- facilitate and monitor student's progress
- advise the student in all aspects of doctoral study and examinations

### **Ph.D. Plan of Study**

Students in the Ph.D. programs must develop a Plan of Study in conjunction with their advisor and advisory committee during the first year of study. The Plan of Study should detail goals, coursework and practicum to be completed to meet degree requirements. It should also include a proposed schedule for completion of degree requirements. The Plan of Study will become the blueprint for a student's graduate program. The Plan of Study form available on the SLHS website. The student's advisory committee must approve the Plan of Study in a formal meeting, with signatures required on the Plan of Study form. A student is responsible to obtaining approval and signatures for the Plan of Study, allowing the committee a minimum of two weeks to review the plan. The Plan of Study may be amended or changed later with the committee's approval. A student may petition for alternative requirements, substitutions or waivers to this program, per the SLHS policy on waivers (See below). The Plan of Study must be in the student's file in the office of the Graduate Program Assistant and a copy must be given to the Coordinator of Graduate Studies.

### **Ph.D. Review of Progress**

Each Ph.D. student will have an annual review of progress. The process is very similar to the annual review process required in most universities, where faculty must document their accomplishments for that year.

Each April, each Ph.D. student should submit a completed Annual Review Form (available on the SLHS website) and a current vitae to the Coordinator of Graduate Studies. The report must include a signature from the student's advisor, asserting that all information is correct.

The Coordinator of Graduate Studies will solicit comments concerning a student's progress from the student's advisor and committee members. If there are suggestions or concerns about a student's progress, he or she will be asked to address them.

In order to continue in the program, a grade point average of 3.0 or better on coursework every semester will be required as well as continued recommendation of the SLHS faculty advisory committee. Students who do not achieve a 3.0 cumulative average are placed on academic probation and have one semester to improve their cumulative GPA to 3.0 or better. This standard is more stringent and overrides that of the graduate school.

### **Changing Advisors or Committee Members**

In the rare circumstances that there is a need to change the primary advisor or a member of the thesis or dissertation committee, the student must adhere to the following procedures. The student should always first talk with the individuals that they are requesting be replaced, removed or added. Then the student submits a written request regarding the change to all members of the committee, with a copy to the Coordinator of Graduate Studies. The committee must approve the change. If arbitration is necessary, the Coordinator of Graduate Studies, working with the Executive Committee, will mediate and render the final decision. There is no guarantee that an alternative advisor or committee member can be appointed.

#### **Article III: Section 3.5: Dual Au.D./Ph.D.**

The Au.D. portion of the degree will be supervised by the student's faculty advisor, working with the Audiology Committee. The Ph.D. portion will be advised by the dissertation advisor, in the same manner as the Ph.D. Program. The Au.D. faculty advisor must be a different individual than the Ph.D. advisor. See Article III: Section 3.4 for details.

#### **Article III: Section 3.6: Dual Ph.D. – SLHS & Neuroscience Program**

The dual Ph.D. will be supervised by the student's SLHS advisor working closely with the SLHS Ph.D Committee faculty. See Article III, Section 3.4 for details. Issues related to the Neuroscience portion will be advised by the student's advisor and the SLHS Neuroscience liaison faculty.

#### **Article III: Section 3.7: Dual Ph.D. – SLHS & Cognitive Science Program**

The dual Ph.D. will be supervised by the student's SLHS advisor working closely with the SLHS Ph.D Committee faculty. Students are encouraged to have their doctoral research co-supervised by two faculty members representing different disciplines. At least one supervisor will be an ICS faculty fellow. See Article III, Section 3.4 for details regarding the Ph.D. program advising. The doctoral committee will include at least two ICS faculty fellows from outside the home department.

#### **Article III: Section 3.8: Triple Ph.D. – SLHS, Neuroscience & Cognitive Science Program**

The student's thesis advisor must be a participating faculty member of the Cognitive Neuroscience faculty. In addition, the student's thesis committee must include at least 1

additional Neuroscience faculty member and one Cognitive Science faculty member from outside the student's area of specialization. In accordance with the requirements of the Graduate School, the student's committee must be comprised of a minimum of 5 faculty members that have graduate faculty appointments. The committee will be formed by the student's advisor, upon approval of the slate of members by the Academic Directors of the Neuroscience and Cognitive Science combined Ph.D. Programs.

**Article III: Section 4: Transfer of Credit**

**Article III: Section 4.1: MA-SLP Program**

See Article II: Section 3 of the Graduate School Rules for transfer of credit. Students may request to transfer up to 9 credit hours of graduate credit towards this degree. Transferred credits may not have been previously used to obtain a degree. Students may make a request using the Request for Transfer of Credit form required by the Graduate School.

**Article III: Section 4.2: MA Research Program**

See Article II: Section 3 of the Graduate School Rules for transfer of credit. Students may be able to transfer up to 9 credit hours of graduate credit towards this degree. Transferred credits may not have been previously used to obtain a degree. Students may make a request using the Request for Transfer of Credit form required by the Graduate School.

**Article III: Section 4.3: Au.D. Program**

See Article II: Section 3 of the Graduate School Rules for transfer of credit. Students may be able to transfer up to 21 credits of graduate credit towards this degree. Transferred credits may not have been previously used to obtain a degree. Students may make a request using the Request for Transfer of Credit form required by the Graduate School.

**Article III: Section 4.4: Ph.D. Program**

See Article II: Section 3 of the Graduate School Rules for transfer of credit. Students may transfer up to 21 credit hours from another institution. Work already applied toward a graduate degree received from CU-Boulder or another institution cannot be accepted for transfer toward another graduate degree of the same level at CU-Boulder. Students may make a request using the Request for Transfer or Credit form required by the Graduate School.

**Article III: Section 4.5: Dual Au.D./Ph.D. Program**

See Article II: Section 4.3 of the SLHS Graduate Program Rules regarding transfer of credit into the Au.D. Program. See Article II: Section 3 of the Graduate School Rules for transfer of credit into the Ph.D. Students may make a request using the Request for Transfer or Credit form

required by the Graduate School. Students should talk with the Au.D. Advisor and their Ph.D. advisor regarding transfer of credit.

#### **Section 4.6: Dual Ph.D. – SLHS & Neuroscience Program**

Check with the Director of this program.

#### **Section 4.7: Dual Ph.D. – SLHS & Cognitive Science Program**

Up to six units may be transferred from a different accredited institution. Candidate will submit a proposal of course substitutions based on the approved course list, which will demonstrate comparable course content. A decision to accept substitute coursework is at the discretion of the academic program director and/or curriculum committee based on the available information.

#### **Section 4.8: Triple Ph.D. – SLHS, Neuroscience, & Cognitive Science**

Check with the Director of this program.

### **Article III: Section 5: Course Requirements**

See the Graduate School Rules, Article II: Section 4 for Graduate School rules and policies regarding course requirements.

#### **Article III: Section 5.1 MA-SLP Program**

In addition to meeting the Grad School requirements, students in the MA-SLP Program must meet CAA Requirements ([caa.asha.org](http://caa.asha.org)). Those seeking licensure to work as a speech-language pathologist in the public schools must meet Colorado Department of Education requirements. Those seeking to work as a speech-language pathologist in non-academic settings in Colorado must meet the Department of Regulatory Agencies requirements for certification. The curriculum shown below has been designed to meet all of these requirements.

MA-SLP students must complete all undergraduate course prerequisites. Students may complete the prerequisites prior to applying to the graduate program, either as part of their undergraduate degree program, or following completion of the undergraduate degree in any other major. Students may also apply to enter the MA-SLP program and complete the prerequisites during their graduate study. The prerequisites will not count as credits in the MA-SLP program.

All prerequisite coursework must be approved by the CAA Program Director.

**MA-SLP General Education Prerequisites:** ASHA/CAA and SLHS undergraduate general education requirements include four general core courses.

Table 7. CAA requirements to meet KASA standards



<b>Biological Sciences:</b> Must emphasize human or animal science (e.g., biology, human anatomy and physiology, neuroanatomy and neurophysiology, human genetics, veterinary science)
<b>Physical Sciences:</b> Must be physics or chemistry
<b>Mathematics:</b> Must be statistics
<b>Social/Behavioral Sciences:</b> Courses in psychology, sociology, anthropology, or public health

### MA-SLP Program Undergraduate Prerequisites

The following SLHS courses have been designed to meet, in coordination with the MA-SLP Curriculum and the CAA requirements shown above, all ASHA/CAA certification/accreditation standards for speech-language pathology.

Therefore, students must have completed these CU courses or non-CU courses that provided similar skills and knowledge:

- SLHS 3006:Phonetics or LING 3100:Sound Structures. Introduce students to the scientific study of the sound structure of language. The course will focus on: organization and production of speech sounds, broad transcription of vowels and consonants using the International Phonetic Alphabet (IPA), acoustic properties of speech sounds, transcription of connected speech and suprasegmental features using broad and narrow transcription, transcription of speech sound errors using broad and narrow transcription, and dialectal variation.
- SLHS 3106:Hearing Science. Focuses on the three main aspects of the hearing process: sounds in the environment (physical acoustics), sounds encoded within the auditory system (physiological acoustics) and perception of sound (psychological acoustics).
- SLHS 3116:Speech Science. Provides a basic understanding of the structural organization (anatomy), function (physiology), and neural controls of the structures used to produce speech, swallowing, respiration, and related behaviors in humans.
- SLHS 4560:Language Development. Covers the development of language in childhood and into adult life, emphasizing the role of environment and biological endowment in learning to communicate with words, sentences, and narratives.
- SLHS 4704:Audiological Evaluation. Studies basic principles and techniques of hearing evaluation, including pure-tone, speech, immittance, and advanced audiometry; hearing conservation in hospital, school, and industrial settings; and identification and evaluation of auditory pathologies. Required projects in screening and pure-tone audiometry.

- SLHS 4714: Audiological Rehabilitation. Covers basic principles and techniques related to the habilitation and rehabilitation of individuals who are deaf or hard of hearing: amplification, speech, language, auditory, speech reading, and educational issues.

Once admitted and prior to the beginning of the first year, students will complete the MA-SLP Prerequisite Form specifying institution, year/term, course number, course name, and grade for each of the MA-SLP General Education Prerequisites and the MA-SLP Undergraduate Prerequisites. If a student has not completed all prerequisites prior to beginning first year, the student and the Chair of the MA Committee will develop a plan for completion. Because prerequisite coursework provides the foundation for graduate courses, in most cases, prerequisite courses should be completed in the first year prior to enrollment in related graduate courses.

### MA-SLP Program Coursework

Table 8. The MA-SLP Program requires 71 credits. Below is a typical curriculum. Please note that specific courses may change as curriculum is updated.

<b>First Year August Intensive</b>		
<b>Course #</b>	<b>Course Title</b>	<b>Credit Hours</b>
5112	Clinical Practice I: Intro to Clinical Practitice	2
5342	Counseling in Speech-Language Pathology	2
	Total credit hours	4
<b>Fall First Year</b>		
5012	Evidenced Based Practice and Research Methods	3
5242	Language Disorders: School-Age	3
5602	Communication Challenges in Children: Birth-6	3
5252	Acquired Language Disorders in Adults	3
5332	Voice Disorders	2
5898	Practicum: Speech, Language, Learning Intervention	2
	Total credit hours	16
<b>Spring First Year</b>		
5302	Articulation and Phonological Disorders	3
5362	Fluency Disorders	3
5612	Language Learning Disabilities	3
5282	Acquired Cognitive Disorders in Adults	3
5898	Practicum: Speech, Language, Learning Intervention	2
5878	Practicum: Speech, Language, Learning Appraisal	1
	Total credit hours	15
<b>Summer First Year</b>		
5262	Dysphagia	3
5898	Practicum: Speech, Language, Learning Intervention	2
5878	Practicum: Speech, Language, Learning Appraisal	1
	<b>*Electives</b>	
5272	Augmentative Alternative Communication (elective)	1
	Total credit hours	6 plus elective
<b>Fall Second Year</b>		
5292	Neurogenic Speech Disorders in Adults	3
5122	Clinical Practice II : School-based Skills	1
5142	Clinical Practice III: Clinical Practice in Medical and Private Practice Settings	1
5576	Neuroanatomy and Neurophysiology of Communication	3
5898	Practicum: Speech, Language, Learning Intervention	3
5878	Practicum: Speech, Language, Learning Appraisal	1
5372	Resonance Disorders	1

	* Electives	
6642	Development and Intervention in Childhood Hearing Loss	3
5352	Communication Disorders in Bilingual Children & Adults	3
5555	Advanced Topics in Social Communication: Autism Spectrum Disorders	3
5632	Special Clinical Focus in SLP	1 - 3
	<b>Comprehensive Exams completed by early October</b>	
	Total credit hours	13 plus electives
<b>Spring Second Year</b>		
6928	Practicum2: Public School Internship	7
6918	Practicum 2: Speech Learning Internship	7
	*Electives	
5362	Special Clinical Focus in SLP	1 - 3
	Total credit hours	<u>14 plus</u> electives
<b>Summer Second Year</b>		
6918/6928	Internship (continuation of Spring)	X
<p>* A minimum of three credit hours of electives must be completed to demonstrate an area of more advanced knowledge.</p>		

## **MA-SLP Program Clinical Practice Requirements**

The Clinical Education Program is a critical part of the graduate program. Students are required to have 25 hours of clinical observation and a minimum of 325 hours of clinical practicum, with a total of 400 clock hours in order to graduate. At least the minimum requirements for clinical clock hours must be successfully completed before the degree can be awarded. For two-year students, assuming readiness, students will register for one or more clinical practicum courses every semester in attendance. Three-year students begin their clinical education at the beginning of their second year in the program after completing the August Intensive.

A student must obtain prevention, assessment, and intervention experience in the Speech, Language, and Hearing Clinic in the appropriate areas sufficient to prepare him/her for internship(s) and ASHA certification (Certificate of Clinical Competence) and in accordance with Council of Academic Accreditation requirements. Practicum assignments will be made based on the needs of the student to develop competency across the SLP scope of practice. Students are expected to familiarize themselves with the ASHA website and download information regarding certification (CCC) as needed ([www.asha.org](http://www.asha.org)).

Students must follow all policies and procedures that are detailed in the MA-SLP Clinic Handbook. Students must notify the Director of Clinical Speech-Language Pathology immediately if unable to perform their clinical responsibilities for an extended period of time.

### **Article III: Section 5.2 MA Research Program**

Students can also design their own master's degree in SLHS in any topic related to speech, language, or hearing sciences. This degree will not result in clinical certification. Students must work with an advisor and advisory committee to develop a plan of study. The program must include:

- 30 hours of graduate level coursework
- at least 24 hours of coursework, at the 5000 level or above
- a completed Master's thesis
- 6 credit hours of thesis credit

### **Article III: Section 5.3 Au.D. Program**

Au.D. students must complete the following prerequisites or their equivalent. Students may apply to the Au.D. program and take these courses during their first year of the program, although it may add time to the program.

Au.D. Program Undergraduate Prerequisites:

#### **Strongly Recommended**

- 1 course in biological science (e.g., zoology, biology)
- 1 course in behavioral sciences (e.g., psychology, sociology)

- 1 course in physical science (physics, chemistry)

Required

- Strong foundation in pre-calculus
- At least 1 course in statistics

Knowledge Equivalent to the following SLHS courses:

- SLHS 3006:Phonetics or LING 3100:Sound Structures. Introduce students to the scientific study of the sound structure of language. The course will focus on: organization and production of speech sounds, broad transcription of vowels and consonants using the International Phonetic Alphabet (IPA), acoustic properties of speech sounds, transcription of connected speech and suprasegmental features using broad and narrow transcription, transcription of speech sound errors using broad and narrow transcription, and dialectal variation.
- SLHS 3106:Hearing Science. Focuses on the three main aspects of the hearing process: sounds in the environment (physical acoustics), sounds encoded within the auditory system (physiological acoustics) and perception of sound (psychological acoustics).
- SLHS 3116:Speech Science. Provides a basic understanding of the structural organization (anatomy), function (physiology), and neural controls of the structures used to produce speech, swallowing, respiration, and related behaviors in humans.
- SLHS 4512: Speech Disorders. Provides students with an introductory understanding of specific speech disorders including voice disorders, neurogenic speech disorders, articulation and phonological disorders and craniofacial disorders in children and adults.
- SLHS 4502: Language Disorders. Language disorders can result from problems with cognitive, linguistic, and/or discourse processing. The theoretical framework of language dysfunction is addressed while drawing upon real clinical examples of language disorders that have been observed in children and adults.
- SLHS 4560:Language Development. Covers the development of language in childhood and into adult life, emphasizing the role of environment and biological endowment in learning to communicate with words, sentences, and narratives.
- SLHS 4704:Audiological Evaluation. Studies basic principles and techniques of hearing evaluation, including pure-tone, speech, immittance, and advanced audiometry; hearing conservation in hospital, school, and industrial settings; and identification and evaluation of auditory pathologies. Required projects in screening and pure-tone audiometry.
- SLHS 4714: Audiological Rehabilitation. Covers basic principles and techniques related to the habilitation and rehabilitation of individuals who are deaf or hard of hearing: amplification, speech, language, auditory, speech reading, and educational issues.

Once admitted and prior to the beginning of the first year, students will complete the AUD Prerequisite Form specifying institution, year/term, course number, course name, and grade for each of the AUD Prerequisites. If a student has not completed all prerequisites prior to

beginning first year, the student and the Chair of the AUD Committee will develop a plan for completion. Because prerequisite coursework provides the foundation for graduate courses, in most cases, prerequisite courses should be completed in the first year prior to enrollment in related graduate courses.

All students must meet ASHA’s 2012 Audiology Standards for certification. Tabke 10 shows a typical curriculum that has been designed to meet these Standards.

Table 10. The Au.D. Program requires 89 credits. Below is a typical curriculum. Please note that specific courses may change as curriculum is updated.

<b>Course #</b>	<b>Course Title</b>	<b>Credit hours</b>
SLHS 5576	Communication Neuroscience	3
SLHS 5674	Signals and Systems in Audiology	3
SLHS 5918	Audiology Clinical Practica: Lab	2
SLHS 5928	Audiology Clinical Practica: Level 1	5
SLHS 5938	Audiology Clinical Practica: Level 2	12
SLHS 6006	Advanced Hearing Science	3
SLHS 6544	Auditory Processes: Adult Assessment	3
SLHS 6554	Auditory Processes: Child Assessment	3
SLHS 6564	Auditory Processes: Neurodiagnostics	3
SLHS 6614	Fundamentals of Amplification	3
SLHS 6670	Adult Aural Rehabilitation	3
SLHS 6650	Counseling and Professional Ethics	2
SLHS 6660	Multicultural Issues in SLHS and its Disorders	1
SLHS 6938	Audiology Clinical Externship	13
SLHS 7000	Research Designs in Human Communication Sciences and Disorders	3
SLHS 7200	Business, Management and Ethics in Audiology	3
SLHS 7450	Audiology Capstone Project	3
SLHS 7520	Auditory Processes: Medical and Genetic Bases	3
SLHS 7530	Auditory Processes: Theory and Application in the School Environment	3
SLHS 7540	Auditory Processes: Physiology, Assessment, and Management of the Vestibular System	3
SLHS 7550	Management and Prevention of Noise and Noise Induced Hearing Loss	2
SLHS 7614	Implantable Devices: Technology and Clinical Application	3
SLHS 7640	Communication Processes and Hearing Loss: Birth through Six	3
SLHS 7714	Advanced Topics in Amplification	3
SLHS 7554	Instrumentation and Calibration in Audiology	1
	<b>Total Credit Hours</b>	<b>89</b>

**Article III: Section 5.4 Ph.D. Program**

Departmental requirements for doctoral students are intended to allow maximum flexibility in developing a Plan of Study. All students take at least three doctoral-level SLHS seminars, two courses in statistics, and two research tools courses. Program course requirements are shown below. Students are encouraged to take courses offered in other disciplines, such as Cognitive Psychology, Linguistics, Bilingual Education, Integrative Physiology, Psychology, Electrical Engineering, and others. Students may also take coursework at other CU campuses. Furthermore, the credit hours given below are the minimum required and, based on individual needs, the student’s doctoral committee may require additional coursework.

Table 11. Course Requirements for the Ph.D.

<b>Course Work</b>	<b>Credit Hours</b>
SLHS Doctoral Seminars	9
Major Content Area	15
Teaching Practicum	3
Research Practicum	3
Statistics and Research Tools	12 -15
Dissertation	30

The practicum courses are intended to allow a student to develop teaching and research skills. . The teaching practicum (SLHS 8918) is a mentored teaching experience with a faculty member. Student instructors should work closely with a faculty member and should teach and conduct student evaluations. The course should be a content area directly related to the goals of the doctoral program and it should be listed on the Plan of Study. Students may receive a GPTI for the teaching practicum if they are in a mentored teaching relationship. There should be some evidence of teaching experience for a student to receive credit for a teaching practicum by serving as a GPTI. In some cases, students may also complete supervision of clinical practica (SLHS 7918) or an administrative practicum (SLHS 8928) but these are not a substitute for the teaching practicum.

Students typically take the statistics sequence in Psychology (PSY 5741 & 5742, 8 credit hours) or Education (EDUC 5716 & 7316) to partially complete the statistics and research tools requirement. In addition, students may take Research Methods in Child Language Acquisition (SLHS 7250), Signals and Systems (SLHS 5674), computer programming, instrumentation in speech science, or other similar courses to complete this requirement. Alternatives should be discussed with the advisor and doctoral committee.

**Article III: Section 5.5 Dual Au.D./Ph.D. Program**

Students completing the dual Au.D./Ph.D. degree program must complete all requirements for the Au.D. as well as all the requirements for the Ph.D. In some cases, these requirements overlap and coursework taken for the Au.D. program may be applied to coursework needed in the Ph.D. Essentially, the Ph.D. portion is a doctoral program that specializes in some aspect within the scope of practice of audiology.



Table 12. Graduate School Requirements for Ph.D. Programs and How Requirements Are Addressed in the Dual Au.D./Ph.D. Program

<b>Graduate School Requirements for the Ph.D. Degree</b>	<b>How Requirement is Completed in Dual Au.D./Ph.D.</b>	<b>Additional Credits Needed Beyond the Au.D. for dual Au.D./Ph.D.</b>
Doctoral Core Seminars (9 credits)	Overlap from required Au.D. seminars	
Major Content Area (6-9 credits)	Overlap from required Au.D. seminars	
Minor Outside SLHS (6 credits)	One additional elective required beyond the Au.D.	3
Teaching Practicum (3 credits)	Required for Ph.D.	3
Research Practicum (3 credits)	Overlap (was the capstone for the Au.D.)	
Statistics and Research Tools (12-15 credits)	6 credits of overlap with Au.D.	6 to 9
Dissertation (30 credits)		30
		42-45+ additional credit hours needed for dual degree

**Article III: Section 5.6: Dual Ph.D. – SLHS & Neuroscience Program**

All students in Neuroscience are required to complete a set of common core courses, with the remaining courses being specific to each track. The details of the course requirements as well as the nature of the Comprehensive Examination and Thesis can be found by going to the Neuroscience Requirements page at the website for the Department of Psychology and Neuroscience.

**Article III: Section 5.7: Dual Ph.D. – SLHS & Cognitive Science Program**

All students in the dual Ph.D. program must meet the requirements established by the Institute of Cognitive Science page at the website for the Department of Psychology and Neuroscience.

**Article III: Section 5.8: Triple Ph.D. – SLHS, Neuroscience, & Cognitive Science Programs**

General information on this program can be found at the Institute of Cognitive Sciences website page at the website for the Department of Psychology and Neuroscience. However, SLHS needs

to decide what the core SLHS classes will be. If you are interested, please discuss this with the Coordinator of Graduate Studies.

**Article III: Section 5.9 Waiver of a Requirement**

All graduate students may request a waiver of a requirement. A Waiver Request Form can be obtained from the Graduate Program Assistant.

**Article III: Section 5.10 Independent Study, Research and Teaching Practicum**

All independent studies must have a formal contract that specifies the work to be completed, the deadline for completion, and the estimated number of work hours involved. The independent study contract must be signed by the student and the faculty member supervising the work. A copy of the contract must be given to the Graduate Program Assistant to be placed in the student's file. A form may be obtained from the Graduate Program Assistant. Students register for the independent study through the Graduate Program Assistant. Course section numbers reflect the faculty member who supervises.

**Article III: Foreign Language Requirement**

There is no foreign language requirement for SLHS graduate degrees.

**Article III: Section 6: Grades, Quality of Work and Academic Probation**

**Article III: Section 6.1: Minimum Grades and Probation**

Minimum Grades. SLHS rules for minimum grades are more stringent than the Graduate School rules (see Article II: Section 5 of the Graduate School Rules).

Students earning a grade of B- must develop an Academic Performance Improvement Plan with the Coordinator of Graduate Studies and relevant faculty members. This plan will be established in the initial week of the semester following that in which the grade of B- was earned. The Plan will address how the student will demonstrate minimum competence in the course content. Minimum competence then must be achieved within the semester in which the Plan is developed in order to continue in the program. Failure to demonstrate minimum competence via this path will result in the student being required to repeat the course. Because minimum competence in coursework/clinic may be a prerequisite for subsequent coursework/clinic, the student may not be able to proceed with coursework/clinic until the course is repeated and, therefore, may be required to take a Leave of Absence until the course/clinic is offered again.

Those who earn a grade lower than B- also must develop an Academic Performance Improvement Plan with the Coordinator of Graduate Studies and relevant faculty members. However, this plan will require that the student repeat the course or clinic assignment and earn a grade of B or better. Because successful completion of coursework/clinic may be a prerequisite for subsequent coursework/clinic, the student may not be able to proceed with coursework and, therefore, may be required to take a Leave of Absence until the course/clinic is offered again.

Students who earn a grade of B- or lower cannot begin MA-SLP internships or the AUD fourth year clinical externship until they have successfully completed all components of their Academic Performance Improvement Plan.

Probation. Students will be allowed to earn only one grade of B- or lower in an academic class or clinical course during their degree program. Upon earning the first grade of B- or lower, the student will be placed on probation and will remain on probation until their degree is completed. When placed on probation, the student will meet with the instructor, for the class in which the grade were earned, and the Coordinator of Graduate Studies to develop a Performance Improvement Plan (form available on the SLHS website).

Earning a second grade of B- or lower in an academic class or clinical course will result in immediate dismissal from the degree program.

Pass/Fail Grades. Once enrolled in a SLHS graduate program, students may not take prerequisite undergraduate courses, required graduate courses or clinical courses on a pass/fail basis unless a course is designed to be pass/fail. Prerequisite courses completed before SLHS enrollment and graded as pass/fail will be accepted.

Grades of Incomplete. Graduate students may not have more than two grades of “Incomplete” at any time. A contract must be developed by the instructor and student at the time that a grade of “Incomplete” is entered by the instructor (contract is available on the SLHS website). The contract describes what the student must do to complete the course, a deadline for completion, and a description of how this will impact future semesters. The original signed contract will be kept in the students SLHS file; copies will be given to the student, instructor, and Coordinator of Graduate Studies. Failure to satisfactorily complete the course within the agreed upon timeframe will result in a grade of “F.”

Grades Within a Course. Council of Academic Accreditation (CAA) standards require that students in graduate clinical programs acquire specific skills and knowledge. The graduate curriculum for each of the clinical degree programs has been designed to assure that these skills and knowledge areas are addressed in required courses. However, earning an overall grade of B or better in required classes does not assure that students have demonstrated adequate skills and knowledge for all of the content/components within required courses. Therefore, if a student earns a grade of B- or lower for any area/component within a course or clinical assignment, the instructor and student must develop and implement a Performance Improvement Plan (form is available on the SLHS website) that addresses how the student will demonstrate adequate skills and knowledge for the specific area/component for which adequate skill or knowledge was not demonstrated. Failure to meet the stipulations outlined in the Performance Improvement Plan will result in the grade for the course being changed to “B-”.

Students are strongly encouraged to maintain good communication with faculty and to take proactive steps if they have concerns about their academic and/or clinical performance.

### **Article III: Section 6.2: Language proficiency**

All coursework and examinations are conducted in English. Students must have sufficient English skills to progress in the program. If delivering services in another language, proficiency in that language must be established by clinical faculty

**Article III: Section 6.3: Auditing (No Credit) Graduate Level Classes**

Students currently enrolled in SLHS and other CU graduate programs may register for SLHS graduate level course as “no credit” only with specific permission by the instructor. However, audited (no-credit) courses do not count toward fulfillment of degree requirements in SLHS.

Students pay tuition fees for a no-credit course, but do not receive a grade. Students must enroll in the Audit Card Program (see the Bursar’s office website) for more information. An NC appears on the student’s transcript in place of a grade. No-credit courses do not count toward full-time enrollment for financial aid purposes.

**Article III; Section 7: Examinations**

**Article III: Section 7.1 MA-SLP Program Comprehensive Examination**

The comprehensive examination in the MA-SLP Program consists of Part I and Part II. Part I consists of the Praxis Exam (see below) and Part II consists of either a comprehensive examination paper or a MA thesis.

Students in the MA-SLP Program may choose to complete a Master’s Thesis. If a student chooses to do a thesis, s/he is not required to complete Part II of the MA-SLP Comprehensive Examination. See the Article III, Section 7.2 for information regarding the thesis examination.

Completion of Part I and Part II must be done following the timetable specified and announced each year.

Part I: ETS ASHA CCC Praxis Exam Content: All students are expected to successfully complete and pass the PRAXIS Exam (ETS) in SLP during the last year of their program. It must be completed before graduation in order for the Department to receive scores for state level certification applications. Scores must be sent directly to SLHS Department (code 0037) and to the CU School of Education (4841).

Part II: Students will complete a written and oral Comprehensive Exam. The written portion will shared with students in the summer of year 1 and the oral and written portions will be completed in early fall of year 2. Specific instructions and dates will be provided by the MA-SLP Committee each spring semester.

Please direct any and all questions to the Chair of the MA-SLP Committee.

### **Article III: Section 7.2 MA Thesis Examination**

A committee composed of three SLHS faculty members with graduate faculty appointments gives the examination/defense. The primary thesis advisor, who serves as chair of the committee, must have a Regular Graduate Faculty appointment. Additional members must have either a regular or special Graduate Faculty appointment that allows them to serve on MA-level committees. Students initiate formation of their thesis committee based on their research interest but the committee is officially appointed by the Department Chair with approval of the Dean of the Graduate School.

### **Article III: Section 7.3 Au.D.**

Students in the Au.D. program will take the following examinations for their Au.D. degree.

**Preliminary Examination** (first two weeks of fall semester second year). The preliminary examination involves two components. The first component is two half days of in-house written responses. The second component involves an oral examination a few weeks after the written examination. Questions require that students provide evidence of integration of academic coursework with clinical experiences. Students are expected to demonstrate emerging clinical skills and knowledge in a case format, strong written skills as appropriate for a doctoral level practitioner, and clinical decision making that is supported by the literature. Responses will be evaluated on the students' ability to critically analyze, integrate and apply the clinical research described in the literature. Student responses to both the written and oral components of this examination are evaluated by the Au.D. committee. Students are provided timely feedback as to the results of the examination. Successful completion of this examination is required for continued enrollment in the degree program.

**Clinical Comprehensive Examination** (first two weeks of spring semester third year). Students must pass a Comprehensive Examination, which consists of two components. The first part is written in-house and is given during the first week of classes in spring semester of the third year. The second part consists of an oral examination given a few weeks after the written examination. The examination includes clinically based questions that probe advanced evidence-based clinical decision-making, differential diagnosis skills, and appropriate diagnostic and treatment decisions. Student responses to both the written and oral components of this examination are evaluated by the Au.D. committee. Students are provided timely feedback as to the results of the examination. Successful completion of this examination is required for continued enrollment in the degree program. Students may not start their fourth year experience until they have successfully passed the comprehensive examination.

### **Capstone Project**

Step 1: Preparation of Capstone Project proposal:

The Au.D. Capstone Mentor must be a fulltime SLHS faculty member with an appropriate graduate faculty appointment. A co-mentor from the field may be added. In selecting a capstone

mentor, the Au.D. student should talk with faculty members who share an area of interest, learning about his or her research interests and the types of projects conducted in his or her lab or clinical setting. A student should be specific about clinical research interests to determine whether the potential research mentor is interested in mentoring a project in his or her area. All capstone mentorship relationships are by mutual agreement of the faculty member and the student. All capstone proposals and outcomes will be approved by the Au.D. committee.

After meeting with an SLHS faculty member who agrees to mentor the student in the capstone, each student will prepare a brief proposal (no more than 5 pages) for their project that includes a rationale and statement of purpose (proposal outline is available on the SLHS website). The capstone may be a research-based investigation, an evidence-based position paper, a clinical protocol based on peer-reviewed literature, or another format approved by the Au.D. committee. The scope of the capstone project will be clearly stated, along with a description of the end product of the capstone. Timelines should also be included as the capstone is a project that should be reasonably completed in one semester. Students who do not complete the capstone before the 4<sup>th</sup> year externship will need approval from the Au.D. committee to continue with the externship placement despite the academic portion of the degree not being fulfilled. The capstone proposal will be submitted to and approved by the capstone advisor and the Au.D. committee.

#### Step 2: Focused independent study for the Capstone Project:

Students will carry out a focused independent study based on their Capstone Project proposal, which will include regular mentoring from their capstone advisor. The outcome of this portion of the study will be a capstone portfolio and documentation of all meetings with the capstone advisor. It is not expected that the capstone project result in a paper of publication quality, however students are encouraged to share their capstone project with the greater audiology community at a local or state forum. Examples of possible portfolios include an annotation of peer-reviewed literature, a project report, a laboratory data book for a research investigation, a clinical protocol or description for dissemination to the public of a clinical service, or another appropriate format given the nature of the project.

#### Step 3: Final presentation of the Capstone Project:

The final product will also be presented to the Au.D. committee. The final product could take the form of a research poster presentation, a grant proposal, oral presentation, a paper or a publication. Students will prepare and present a final product to their advisor, for the assignment of the final grade.

**National Exam.** Students must pass the PRAXIS examination (ETS) in Audiology to be fully prepared to apply for clinical certification. Scores from the exam must be sent directly to SLHS (you will designate where exam results are sent when you register to take the test). It is recommended that students take this examination during their 4<sup>th</sup> year externship.

**Au.D. Final Oral Examination and Portfolio Review:** The final examination and portfolio review is conducted by the Au.D. committee. The date of the examination is announced to

students by the start of the spring semester of the 4<sup>th</sup> year. Students who are out of state may complete their final oral examination via distance technology if necessary, given approval of the Au.D. committee. The student must successfully pass both components of the final examination in order to be recommended for the Au.D. degree.

This oral examination will be based on two components:

(1) Student presentation of clinical case(s) which demonstrate the breadth and depth of the student's clinical skills and knowledge across the scope of practice of audiology. The case(s) will address clinical assessment and management in the context of theoretical foundations and evidence-based practice. The presentation portion of the examination is presented in a "grand-rounds" format that is open to the SLHS Department and University of Colorado community. The student will be evaluated based on the presentations as well as the ability to successfully field questions regarding the case.

Under exceptional circumstances, students may complete their final oral examination via distance technology if necessary, given approval of the Au.D. committee.

(2) Review of the Audiology Clinical Portfolio (see Audiology Clinical Handbook for further information about portfolio requirements), which includes completion of the student's individualized ASHA 2011 Audiology Standards, highlights of the benchmarks in learning outcomes by cross-referencing learning outcomes with formative/summative assessments, clinical evaluations and signed clock hours for every semester, the completed plan of study, summary of the capstone project, documentation of additional learning opportunities or areas of specialization and documentation of major milestones in their program (e.g., passing preliminary examinations, comprehensives etc). The portfolio is submitted to the Au.D. committee at least three weeks prior to the final examination. The Audiology Clinical Portfolio documents specific ways in which each student has met the learning objectives of the Au.D. program. The final portfolio assessment will verify that the student has successfully met the learning objectives of the program through both formal academic coursework and through clinical practica/field experiences.

**Routine Clinical Evaluations:** Clinical knowledge and skills are evaluated each semester (with the exception of in 4<sup>th</sup> year) that a student is inrolled in practicum and working with patients. Calipso, an electronic documentation system, is used for this evaluation and to log clock hours. All students meet with the Director of Clinical Audiology during finals week of every semester to review clinical progress, update their clinicalpan, and set goals for future growth and learning. The summary of this meeting will become part of the stuent's portfolio..

### **Article III: Section 7.4 Ph.D. Examinations**

**Preliminary Examination:** The student should demonstrate competence for doctoral study to the Advisory Committee by the end of the first year of the doctoral program through the Preliminary Examination. Students may propose how they will fulfill the preliminary examination requirement, but it must be completed within 12 months of entering the doctoral program. There are no exceptions to the 12-month rule, other than circumstances that are not within the student's control, such as medical or personal issues.

In most cases, the preliminary examination will consist of a formal written examination, with three questions that cover a broad range of research skills, literature, and data analysis. The questions will require the ability to read research literature, to integrate information across studies, and to critically analyze research design. The examination will be proctored over a three-day period, scheduled during a single week. Students will be given a reading list, focusing on developing a broad foundation for the area of study. Students will receive the reading list at least 5 months prior to the scheduled examination. Students will be notified within four weeks whether they passed, passed with areas of concern, or failed. Student appeals will be reviewed by the faculty.

The requirement for a preliminary examination may be satisfied by alternative means, if agreed upon by the student's committee when the student enters the program. Suitable alternatives should reflect substantial independent work of a scholarly nature. Alternatives may include a Master's thesis, a publication, or major national presentations that were completed prior to entering the program. The student may not use research projects completed at CU for the preliminary examination requirement.

Following submission, the Advisory Committee must reach consensus regarding adequacy of performance. If performance is passing but there are concerns, a written statement detailing areas needing development will be provided for the student by the Advisory Committee. Unsatisfactory performance on the preliminary examination may be grounds for dismissal from the program.

A preliminary examination completion form must be submitted to the Graduate Program Assistant and to the Coordinator of Graduate Studies.

**Comprehensive Examination:** Before admission to candidacy for the Ph.D., the student must pass a comprehensive examination in the field of concentration, the minor area and related fields as shown on the Plan of Study. The examination will be both written and oral and will test the student's integration of disciplinary knowledge, not merely the formal course work that has been completed. The specific nature of the comprehensive exam will be determined by the student and the Advisory Committee. It may consist of pilot work for the dissertation, a theoretical review of the literature related to the student's area of interest, publications, or any other work that demonstrated synthesis and critical thinking. Attendance at the oral part of the Comprehensive Examination is open to all members of the Graduate Faculty. The committee will evaluate responses within four weeks of the start of the examination period. The committee must reach consensus regarding adequacy of performance on the exam.

The student must be registered on the Boulder campus during the semester in which the comprehensive examination is taken. Following the semester in which the comprehensive exam is taken and passed, the student must be registered for dissertation hours each fall and spring semester until graduation. Please check with the SLHS Graduate Program Assistant for the necessary forms that must be completed and deadlines. Refer to the Graduate School regulations regarding continuous registration following successful completion of the comprehensive



examination. Students may also register for 10 dissertation credits prior to successful completion of the comprehensive examination.

**Dissertation Prospectus:** A prospectus is a proposal for a dissertation. Students must prepare a prospectus for the dissertation, using APA style. This prospectus will be presented to the Advisory Committee at least two weeks before the prospectus meeting, which should be arranged by the student. The student is expected to present the prospectus at this meeting and provide the committee with an opportunity to discuss the plan. The Advisory Committee must reach consensus for approval of the prospectus. Approval of the prospectus constitutes the Advisory Committee's agreement to the rationale, methods, and design of the research but does not imply approval of the final dissertation.

**Dissertation Defense:** After the completed dissertation has been read by the Advisory Committee, a final oral defense of the dissertation will be conducted. The Committee must reach consensus with regard to approval of the document and defense. More than one dissenting vote disqualifies the candidate in the final examination.

The Graduate School publishes a list of deadlines for each semester. The student is expected to obtain this information from the SLHS Graduate Program Assistant for the semester in which completion of the program is anticipated. This information is also available on the CU Graduate School website. Students planning to graduate must submit a diploma card to the Graduate School at the beginning of the semester in which they plan to receive the degree. It is wise to keep the SLHS Graduate Program Assistant advised of your degree progress so that he or she can help keep track of important deadlines.

### **Article III: Section 7.5 Dual Au.D./Ph.D. Examinations**

Students in the dual Au.D./Ph.D. program must complete all examinations specified in both the Au.D. Program and in the Ph.D. Program. The Au.D. and Ph.D. committee may work together to coordinate these examinations.

### **Article III: Section 7.6 Dual Ph.D. SLHS & Neuroscience Examinations**

**Preliminary Examination:** Follow procedures outlined in the SLHS Ph.D. Program (Article III:Section 7.4).

**Comprehensive Examination:** In accordance with the graduate school requirements, students will be required to take a comprehensive exam, which they must pass in order to advance to doctoral candidacy status. Successful completion (grade of B- or better) of the Survey and Integration of Neuroscience I and II courses will fulfill the Neuroscience component of the comprehensive exam. In addition, the student must pass a comprehensive exam in their area of specialization. The format of the specialty comprehensive exam will be determined by the student's advisor and will be appropriate for the advisor's department/program of affiliation.

### **Article III: Section 7.7 Dual Ph.D. SLHS & Cognitive Science Examinations**

Students follow all procedures of the Ph.D. program for Preliminary Examinations, Comprehensive Examinations, Dissertation Prospectus, and Dissertation (see Article III: Section 7.4). However, the requirements for the Dissertation Defense specify that:

- The original contributions of the dissertation research should exploit state of the art methods from the perspective of at least two disciplines.
- Students are encouraged to have their doctoral research co-supervised by two faculty members representing different disciplines.
- At least one supervisor will be an ICS faculty fellow.
- The doctoral committee will include at least two ICS faculty fellows from outside the home department.

Students follow all procedures of the Ph.D. program for Preliminary Examinations (see Article III: Section 7.4).

Successful completion (grade of B- or better) of the Survey and Integration of Neuroscience I and II courses will fulfill the Neuroscience component of the comprehensive exam. In addition, the student must pass a comprehensive exam in their area of specialization. The format of this specialty comprehensive exam follows the same policies and procedures of the SLHS Ph.D., but must also be interdisciplinary in nature to fulfill the Cognitive Science component of the comprehensive exam (see Article III: Section 7.4).

#### Dissertation

All Cognitive Neuroscience PhD students will be required to complete a doctoral dissertation with a primary Cognitive Neuroscience focus. The thesis/dissertation will represent original state-of-the art research of quality suitable for publication in a reputable scientific journal.

### **Article III: Section 7.8 Triple Ph.D. SLHS, Neuroscience & Cognitive Science Examinations**

This program is currently being developed.

### **Article III: Section 8: Full-time status and Minimum Registration Requirements (From Grad School Rules)**

Students should follow all Graduate School Rules (Article II: Section 8) regarding enrollment requirements. The student is responsible for knowing the rules regarding enrollment. In addition to the Graduate School Rules, the Graduate Program Assistant can guide students in how to meet university requirements.

Students should be aware that not all courses are offered each year. SLHS cannot ensure timely program completion if the student chooses to take time off or does not enroll in courses with their program cohort.

### **Section 9: Admission to Candidacy**

The Graduate School Rules for admission to candidacy must be followed (Article II: Section 9). There are rigid deadlines regarding the comprehensive and dissertation examination, available on the graduate school website and from the SLHS Graduate Program Assistant. The Graduate Program Assistant must be informed well in advance of any comprehensive examination. There are also Graduate School forms that require signatures from all members of the student's Advisor and Advisory Committee. All forms can be obtained from the Graduate Program Assistant.

### **Section 10: Thesis and Dissertation Requirements**

All theses and dissertations must be submitted to the Graduate School via electronic submissions. Guidelines regarding the format of theses and dissertations are provided by the Graduate School (see Article II: Section 10 of the Graduate School Rules).

In SLHS, theses and dissertations typically follow the format developed by the American Psychological Association, or APA guidelines.

### **Section 11: Time Limits for Completion of Degrees and Student Leave of Absence**

Each degree program has time limits for degree completion and procedures for taking a Time Out from program enrollment. See the CU Graduate Program Rules, Article II, Section 11 for details regarding time limits and Time Out.

### **Section 12: Independent Study, Research Practicum and Teaching Practicum**

Independent study, research practicum and teaching practicum require a contractual agreement between the faculty and the student. An Independent Study/Research Practicum/Teaching Practicum Contract form must be filed with the Graduate Program Assistant (form is available on the SLHS website). The content, expectations, and number of work hours must be detailed. Independent study classes are a privilege, not a right. Faculty members typically do independent studies in addition to their teaching course load.

## **ARTICLE IV: OTHER INFORMATION AND POLICIES**

### **Article IV: Section 1: Funding Opportunities**

SLHS typically has a variety of funding resources for graduate students. Information on this website pertains only to Departmental awards.

Financial aid may be available through the Graduate School and the CU Office of Financial Aid. You must contact each agency or department/agency regarding application procedures. The American Speech-Language-Hearing Foundation and the Colorado Speech Language Hearing

Foundation also offers financial awards available to SLHS graduate students. The Scottish Rite Foundation of Colorado has offered Dwight A. Hamilton financial scholarships to highly qualified second year SLHS students who plan to practice with children and families in Colorado.

Teaching assistantships are available for full time graduate students. Graduate Part Time Instructor positions are available for full-time doctoral students.

Typically, Departmental funding is awarded in the spring for the following fall and spring. All incoming applicants are considered for financial aid.

Current students should submit a Request for SLHS Funding to the Coordinator of Graduate Studies. Include a statement of why you need funding, details about previous work, teaching, or research experience that you have, and the areas in which you feel you could work as an instructor or research assistant.

### **Qualifications for Departmental Funding**

Determination of Departmental funding is made by the Coordinator of Graduate Studies in coordination with the MA-SLP, Audiology, and Ph.D. Committee chairs. Award decisions are made in accordance with the funding policy established by the Department. All award recipients must meet and sustain the following minimum standards to be eligible for an award:

- Be admitted as a Regular Degree student.
- Have earned a grade point average of 3.00 or higher in all work attempted in the previous semester.
- Enroll for and maintain full-time academic load during the fall and spring semesters.

These standards must be maintained throughout the award period. It is the student's responsibility to notify the Department if he/she no longer meets these criteria.

### **Types of SLHS Funding**

- **GPTI (Graduate Part-Time Instructor):** For doctoral students only. These awards consist of a salary and tuition waiver. Awardees are given specific teaching assignments as determined by the Department Chair.
- **Teaching Assistantships; Graduate Assistants; Research Assistantships:** These awards include salary and tuition waivers for varying percentages of time. Students may teach lab sections, assist a particular faculty member with classroom support or participate with faculty in research projects.
- **Hourly and Work/Study:** Faculty with research grants may pay students at an hourly rate for research assistance. There are also several administrative support jobs in the Department typically filled by work-study students. There is no tuition waiver associated with this kind of appointment.
- **Barbara Lynn Bowler Memorial Tuition Assistance Scholarship:** A scholarship awarded to a junior, senior or M.A. student in SLP in the early spring. The scholarship is based on financial need and academic success.
- **Traineeships:** The Department may have federal or state funding to provide scholarships

to students. Typically, these provide stipend and tuition assistance to students preparing for designated careers paths and often require a commitment to work in a specific area or setting upon completion of the degree.

#### **Article IV: Section 2: Accommodations for Students with Disabilities or Observance of Religious Obligations**

The University of Colorado at Boulder has a legal and moral obligation to accommodate all students who must be absent from classes or miss scheduled exams in order to observe religious holidays. We are careful not to inhibit or penalize students for exercising their rights to religious observance. Visit the University Policies website for more information regarding religious accommodations.

The University of Colorado – Boulder provides students with disabilities the tools, reasonable accommodations and support services to participate fully in the academic environment. If you believe you need accommodations for a disability, please visit the CU Disability Services website. Faculty cannot provide accommodations without authorization from Disability Services.

#### **Article IV: Section 3: Residency and tuition classification**

Tuition classification determines if students should have in-state or out-of-state tuition. Your initial tuition classification is determined from information you supply on your application for admission to the university. You may file a petition if you wish to contest out-of-state classification status or if you become eligible for in-state status. All residency determinations are made by the university, not by SLHS. See the CU Office of the Register website for information regarding how to petition for in-state status.

#### **In-state tuition for MA-SLP and Au.D. students**

The MA-SLP and Au.D. programs at the University of Colorado at Boulder are part of the Western Interstate Commission for Higher Education (WICHE) program that will allow in-state tuition if a student is a resident of one of 15 western states. Qualifying students are residents of Alaska, Arizona, California, Colorado, Hawaii, Idaho, Montana, Nevada, New Mexico, North Dakota, Oregon, South Dakota, Utah, Washington, or Wyoming. Students who come from one of these states and are accepted into either the MA-SLP or Au.D. program are eligible for in-state tuition when they begin their studies.

Information about this program – the WICHE Western Regional Graduate Program (WRGP) can be found at <http://wrgp.wiche.edu/>

Students should check WICHE/WRGP on their application but they can also be re-classified when they enter the program, through the Bursar's Office ([http://registrar.colorado.edu/students/tuition\\_classification\\_regulations.html](http://registrar.colorado.edu/students/tuition_classification_regulations.html)). The CU-Boulder MA-SLP and Au.D. programs are the only clinical programs in Speech, Language, and Hearing Sciences that are accepted as WICHE/WRGP programs.

**Article IV: Section 4: Family Educational Rights & Privacy Act (FERPA)**

FERPA deals specifically with the education records of students, affording them certain rights with respect to those records. For purposes of definition, education records are those records which are directly related to a student and maintained by an institution or a party acting for the institution.

FERPA gives students who reach the age of 18 or who attend a post secondary institution the right to inspect and review their own education records. Furthermore, students have other rights, including the right to request amendment of records and to have some control over the disclosure of personally identifiable information from these records.

Complete information regarding university policies related to FERPA can be found on the University of Colorado website.

**Article IV: Section 5: E-mail policy link to campus information**

SLHS follows all aspects of university policies regarding email. Students are responsible for understanding and following these policies. SLHS uses your University of Colorado – Boulder email address for all official communication. SLHS and SLHS faculty and staff have the right to send communications to students via e-mail and the right to expect that those communications will be received and read in a timely manner. You are responsible for checking that email account on a regular basis and responding to all email requests, even when off-campus. If you have difficulty accessing your CU email account off-campus, contact Office of Information Technology (OIT) help desk Services to help you configure your personal computer.

A student may have e-mail electronically redirected to another e-mail address. If a student wishes to have e-mail redirected from his or her official address to another e-mail address (e.g., @aol.com, @hotmail.com, or an address on a Departmental server), they may do so, but at his or her own risk.

In general, e-mail is not appropriate for transmitting sensitive or confidential information unless its use for such purposes is matched by an appropriate level of security. Consult with Clinical Faculty for policies regarding email and confidential clinical records.

**Article IV: Section 6: Policies and Procedures for Complaints, Appeals and Grievances**

The Department of Speech, Language, & Hearing Sciences adheres to campus policies and procedures in matters of internal and external complaints, appeals, and grievances.

**Options to deal with concerns are as follows:** Try to resolve the issue with the parties involved, if appropriate. Other resources regarding complaints, appeals and grievances include:

For information on policies and procedures related to student appeals, complaints and grievances please go to the CU Student Appeals, Complaints and Grievances website.

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For information and guidelines for filing complaints related to discrimination and harassment, please go to the CU Office of Institutional Equity and Compliance website.

For information and guidelines for filing a complaint of sexual assault or sexual harassment, please go to the CU Office of Institutional Equity and Compliance website.

For information on filing a complaint to the Council on Academic Accreditation related to adherence to accreditation standards for graduate programs, please go to Council of Academic Accreditation in Audiology and Speech-Language Pathology website.

**Article IV: Section 7: Computer and Cell Phone Use in Classroom Policy**

Computer use in the classroom is at the discretion of the instructor. Department policy bans inappropriate use of computers in the classroom for the following purposes: social networking, e-mail, internet (other than that required by instructor), games, and similar inappropriate uses. No cell phone or texting use is allowed during classes.