COMMUNICATION SCIENCES AND DISORDERS

College of Health and Human Services

Program Description
The fields of Speech-Language Pathology and Audiology are concerned with disorders of speech, language, communication, swallowing, and hearing. A Speech-Language Pathologist is trained to diagnose and treat language, speech and swallowing disorders. An Audiologist is trained to identify impairments and dysfunction of auditory, balance, and other related systems.

The Department offers a Speech-Language Pathology Assistant (SLPA) Program, a Bachelor of Science degree in Communication Sciences and Disorders, a Second Bachelor of Science degree in Communication Sciences and Disorders, and a Master of Science degree in Communication Sciences and Disorders. The SLPA Program meets the State of California's registration and licensing requirements for Speech-Language Pathology Assistants. The Bachelor's degrees provide background in theoretical and clinical areas necessary to apply for graduate study in Audiology and Speech-Language Pathology. The Master's degree provides professional training for a career in Speech-Language Pathology.

Employment as a Speech-Language Pathologist in California requires both a Master's degree and a credential or license. Completion of the Master's degree provides the training necessary for students to qualify for the American Speech-Language-Hearing Association's Certificate of Clinical Competence in Speech-Language Pathology, California State License as a Speech-Language Pathologist and the Speech-Language Pathology Services Credential for working as a Speech-Language Pathologist in the California public schools. The Department also prepares students to apply for the Special Class Authorization, an extension of the Speech-Language Pathology Services Credential, required to teach a classroom of language-disordered children in California (Other experiences and exams are also required; these will be described below under "Additional Information").

A Bachelor's degree in Communication Sciences and Disorders can lead to other careers in health- and education-related fields. The broad, yet challenging, nature of the Bachelor's degree in Communication Sciences and Disorders prepares students for employment requiring a background in human development, communication, health, and education. Graduates have pursued work in the fields of special education, counseling, and rehabilitation, as well as careers in the health insurance industry, disability law, career advising, and government health programs.

Special Features
- The Bachelor's degree program in Communication Sciences and Disorders is accredited by the Western Association of Schools and Colleges (WASC).
- Graduate students pursuing a degree in Communication Sciences and Disorders in the Department of Speech-Language Pathology and Audiology participate in supervised clinical practica through the campus-based Maryjane Rees Language, Speech, and Hearing Center.
- Graduate practica in Communication Sciences and Disorders include three semesters of on-campus clinic followed by an internship in the public schools and an internship in local hospitals or other agencies. Upon completion of the Master's degree, students will have acquired a variety of supervised clinical experiences totaling a minimum of 400 clock hours.
- The Master's degree program in Communication Sciences and Disorders is accredited by the Council on Academic Accreditation (CAA) of the American Speech-Language-Hearing Association (ASHA).
- The Speech-Language Pathology Services Credential with or without Special Class Authorization is approved by the California Commission on Teacher Credentialing (CCTC).

Career Possibilities
Please note that most of the career possibilities listed below require additional education beyond the baccalaureate degree.

Speech-Language Pathology Assistant (SLPA) · Speech-Language Pathologist in medical, school and private practice settings · Speech-Language Pathologist with Special Class Authorization to teach a classroom of language-disordered children · Audiologist · Employment requiring a background in human development, communication, health, and education · Fields of audiology, special education, counseling, rehabilitation, the health insurance industry, disability law, career advising, hospital administration, school administration and government health programs.

Contact Information
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(916) 278-6601
www.csus.edu/hhs/SPA (http://www.csus.edu/hhs/SPA)

Faculty
BLANTON, ANN
HAGGE, DARLA
PIERETTI, ROBERT
ROSEBERRY-MCKIBBIN, CELESTE
THOMPSON, HEATHER

Undergraduate Program
A student must have a 2.5 GPA in the major in order to graduate with a Bachelor of Science Degree in Communication Sciences and Disorders. To achieve this GPA, students may repeat up to a maximum of 16 units of coursework in the major in courses for which grades of C- or below were earned, contingent upon their eligibility to do so under the campus policy on repeating courses. Repeated course grades will either be forgiven or averaged with the new grade according to the campus policy on repeating courses. Students must complete the major prerequisites before beginning courses in Communication Science and Disorders.

Undergraduate courses are designed for students to begin in the fall semester and progress in a proscribed sequence.

BS Degree in Communication Sciences and Disorders
Units required for Communication Sciences and Disorders Undergraduate Major: 52-55 (40-43 CSAD courses + 12 major prerequisites
Minimum total units required for BS: 120

It is strongly recommended that students:

- Take a course in physics and/or chemistry as some programs offering the Master’s Degree in Speech-Language Pathology or Communication Sciences and Disorders will require it.
- Finish all Undergraduate General Education units before beginning major coursework.

Required Major Prerequisite Courses (12 Units)

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Units</th>
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<tbody>
<tr>
<td>CHDV 30</td>
<td>Human Development (or other course in Human Development through the lifespan)</td>
<td>3</td>
</tr>
<tr>
<td>STAT 1</td>
<td>Introduction to Statistics</td>
<td>3</td>
</tr>
<tr>
<td>SWRK 110</td>
<td>Statistics and Research for Social Workers</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 101</td>
<td>Statistics for Psychology</td>
<td>3</td>
</tr>
<tr>
<td>SOC 101</td>
<td>Introduction to Statistics for Sociologists</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 2</td>
<td>Introductory Statistics course</td>
<td>3</td>
</tr>
<tr>
<td>DEAF 51</td>
<td>American Sign Language 1 (or other course in sign language)</td>
<td>3</td>
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</table>

Required Upper Division Courses (43 Units)

<table>
<thead>
<tr>
<th>Semester, Fall</th>
<th>Course</th>
<th>Units</th>
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<tbody>
<tr>
<td></td>
<td>CSAD 110 Physics of Sound and Phonetics</td>
<td>4</td>
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<tr>
<td></td>
<td>CSAD 111 Anatomy and Physiology of the Speech</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>CSAD 112 Language Science and Development</td>
<td>3</td>
</tr>
<tr>
<td>Semester, Spring</td>
<td>CSAD 125 Developmental and Acquired Neurogenic Language Disorders Across the Lifespan</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>CSAD 126 Speech Sound Development and Disorders in Children: Aspects of Articulation and Phonology</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>CSAD 130 Audiology and Hearing Testing</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>CSAD 145 Supervised Field Observations</td>
<td>1</td>
</tr>
<tr>
<td>Semester, Fall</td>
<td>CSAD 123 Voice and Fluency</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>CSAD 142 Topics in Autism Spectrum Disorders</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>CSAD 146 Introduction to Clinical Issues and Methods</td>
<td>3</td>
</tr>
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<td></td>
<td>CSAD 147 Assessment Procedures</td>
<td>3</td>
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<table>
<thead>
<tr>
<th>Semester, Spring</th>
<th>Course</th>
<th>Units</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>CSAD 127 Introduction to Medical Speech Pathology</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>CSAD 133 Aural Rehabilitation</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>CSAD 143 Communication Disorders in Multicultural Populations</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>CSAD 148 Research in Speech – Language Pathology and Audiology</td>
<td>3</td>
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</table>

Total Units 55

1 Offered Fall or Spring. Required for students who plan to apply to Sacramento State for the Master’s in Communication Sciences and Disorders. Recommended for students who plan to apply to graduate programs at other universities. Optional for students who do not plan to attend graduate school.

Note: Students must submit a signed record of all observation hours and supervised clinical clock hours to the Communication Sciences and Disorders Department. Students should retain a second copy for their personal records.

Prior to enrolling in CSAD 146, students must fulfill the following requirements:

- Pass/complete the Sacramento State undergraduate writing requirement as delineated in the University Policy Manual posted on the campus website.
- 3.2 GPA within the major (CSAD) with no CSAD courses below a grade of "C".
- Proof of negative tuberculin (PPD) test and verification of measles, rubella, and hepatitis B immunizations.
- Completion of a Level 1 criminal background screening. Screenings must be conducted by the department-sanctioned agency. Refer to Department webpage for current agency instructions. Background checks performed by other agencies are not accepted.

Graduate Program

Units required for Communication Sciences and Disorders Graduate Program: 56-58 units

In order to apply:

- Students must have an undergraduate degree (or its equivalent) in Speech-Language Pathology, Communication Sciences and Disorders, or its approved equivalent.
- Students must understand that admission preference is given to students whose undergraduate curriculum is equivalent to Sacramento State's Communication Sciences and Disorders Undergraduate Curriculum.
- Students must have completed the required major prerequisite coursework as delineated in the Undergraduate Program Catalog description for Communication Sciences and Disorders at Sacramento State before beginning graduate-level coursework in Communication Sciences and Disorders. [Pre-requisites: CHDV 30, PSYC 2, Statistics, DEAF 51, or their equivalents].
- Students must have an overall GPA of 2.75 and a 3.00 GPA in the major.
- Domestic applicants with foreign documents and international students (F-1 or J-1 visa applicants) must consult the Office of Graduate Studies and Global Education/International Admissions Department for specific application instructions. These students must also submit TOEFL scores. Consult the Department website for department-specific TOEFL scores.
- Successful passage of all three sections of CBEST.
- GRE scores obtained in the last 5 years.
- Three letters of recommendations.
- Oral and written essay.
- Resume of related work, volunteer and multicultural experience and any scholarships, awards or other commendations.
- Documentation of completed observation hours.
- Students must consult the Department website for additional current admission requirements and procedures.
Course Sequence
Graduate courses are designed for students to begin in the fall semester and progress in a proscribed sequence. Students are admitted into the program in two cohorts. The first cohort (Fall Clinical Practica Cohort) begins clinical practica and coursework in the fall semester and can expect to graduate in a minimum of 4 semesters. The second cohort (Spring Clinical Practica Cohort) begins coursework in the fall semester and begins clinical practica in the spring semester. This group can expect to graduate in a minimum of 5 semesters.

Units required for Communication Sciences and Disorders Graduate Program: 56-58 units

Fall Clinical Practica Cohort

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Units</th>
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</thead>
<tbody>
<tr>
<td><strong>Semester 1: Fall</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CSAD 218</td>
<td>Motor Speech Disorders</td>
<td>2</td>
</tr>
<tr>
<td>CSAD 223</td>
<td>Advanced Seminar in Child Language Disorders</td>
<td>3</td>
</tr>
<tr>
<td>CSAD 228A</td>
<td>Methods: Speech Disorders I</td>
<td>2</td>
</tr>
<tr>
<td>CSAD 229A</td>
<td>Practice: Speech Disorders I</td>
<td>2</td>
</tr>
<tr>
<td>CSAD 241S</td>
<td>Practice: Hearing Screenings</td>
<td>1</td>
</tr>
<tr>
<td>CSAD 242A</td>
<td>Methods: Language Disorders I Professional Writing-Field of Speech-Language Pathology Audiology</td>
<td>2</td>
</tr>
<tr>
<td>CSAD 243A</td>
<td>Practice: Language Disorders I</td>
<td>2</td>
</tr>
<tr>
<td>CSAD 244</td>
<td>Methods: Speech -- Language Assessment</td>
<td>1</td>
</tr>
<tr>
<td>CSAD 245</td>
<td>Practice: Speech -- Language Assessment</td>
<td>1</td>
</tr>
<tr>
<td>CSAD 248</td>
<td>Methods: Language Disorders II</td>
<td>1</td>
</tr>
<tr>
<td>CSAD 249</td>
<td>Practice: Language Disorders II</td>
<td>2</td>
</tr>
<tr>
<td>CSAD 250</td>
<td>Counseling Techniques for Speech Pathologists and Audiologists</td>
<td>3</td>
</tr>
<tr>
<td>CSAD 500T or CSAD 500P</td>
<td>Culminating Experience: Thesis or Culminating Experience: Project</td>
<td>2</td>
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<tr>
<td><strong>Semester 3: Fall</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CSAD 219</td>
<td>Counseling Techniques for Speech Pathologists and Audiologists</td>
<td>3</td>
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<tr>
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<tr>
<td><strong>Semester 4: Spring</strong></td>
<td></td>
<td></td>
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<tr>
<td>CSAD 250</td>
<td>Speech/Language Internships Seminar</td>
<td>2</td>
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<tr>
<td>CSAD 295I</td>
<td>Internship: Speech-Language and Hearing Services in Schools (SLHS)</td>
<td>4</td>
</tr>
<tr>
<td>CSAD 295M</td>
<td>Internship: Speech-Language Pathology in a Medical Setting</td>
<td>4</td>
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</table>
CSAD 295P
Internship: Speech-Language Pathology in Private Practice

CSAD 295S
Internship: Special Class Authorization Eligibility

Select one of the following:

CSAD 500C
Culminating Experience: Comprehens Exam

CSAD 500P
Culminating Experience: Project

CSAD 500T
Culminating Experience: Thesis

Semester 6: Fall
Semester 5 is optional.

Select one or two of the following:

CSAD 295M
Internship: Speech-Language Pathology in a Medical Setting

CSAD 295P
Internship: Speech-Language Pathology in Private Practice

CSAD 295S
Internship: Special Class Authorization Eligibility

Units 12

Spring Clinical Practica Cohort

Course
Semester 1: Fall
CSAD 218

Semester 2: Spring
CSAD 223
Advanced Seminar in Child Language Disorders 3

CSAD 221
Neurogenic Language Disorders 4

CSAD 222
Curriculum in Relation to Language – Learning Disabilities in School-age Children 3

CSAD 228A
Methods: Speech Disorders I 2

CSAD 229A
Practice: Speech Disorders I 2

CSAD 241S
Practice: Hearing Screenings 1

CSAD 242A
Methods: Language Disorders I Professional Writing Field of Speech-Language Pathology Audiology 2

CSAD 243A
Practice: Language Disorders I 2

Units 16

Semester 3: Fall
CSAD 219
Counseling Techniques for Speech Pathologists and Audiologists 3

CSAD 227
Dysphagia and the Medical Setting 3

CSAD 228B
Methods: Speech Disorders II 1

CSAD 229B
Practice: Speech Disorders II 2

CSAD 242B
Methods: Language Disorders II 1

CSAD 243B
Practice: Language Disorders II 2

Units 12

Semester 4: Spring
CSAD 217
AAC and Assistive Technologies 2

Minimum of 8 units of internships required for the Master of Science Degree in Communication Sciences and Disorders.

If a student elects to pursue an additional internship experience, then the student may enroll in one or more of these experiences.

Students completing a thesis or project must enroll in two units of CSAD 500T or CSAD 500P in semester 3 AND semester 4. Students completing the comprehensive examination must enroll in 2 units of CSAD 500C in semester 4.
Communication Sciences and Disorders

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Units</th>
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<tbody>
<tr>
<td>CSAD 228C</td>
<td>Methods: Speech Disorders III</td>
<td>1</td>
</tr>
<tr>
<td>CSAD 229C</td>
<td>Practice: Speech Disorders III</td>
<td>2</td>
</tr>
<tr>
<td>CSAD 242C</td>
<td>Methods: Language Disorders III</td>
<td>1</td>
</tr>
<tr>
<td>CSAD 243C</td>
<td>Practice: Language Disorders III</td>
<td>2</td>
</tr>
<tr>
<td>CSAD 244</td>
<td>Methods: Speech – Language Assessment</td>
<td>1</td>
</tr>
<tr>
<td>CSAD 245</td>
<td>Practice: Speech – Language Assessment</td>
<td>1</td>
</tr>
<tr>
<td>CSAD 500T</td>
<td>or CSAD 500P</td>
<td>2</td>
</tr>
<tr>
<td>CSAD 500C</td>
<td>Culminating Experience: Thesis 3</td>
<td>2</td>
</tr>
<tr>
<td>CSAD 500T</td>
<td>Culminating Experience: Thesis</td>
<td>2</td>
</tr>
<tr>
<td>CSAD 500P</td>
<td>Culminating Experience: Project</td>
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Semester 5: Fall

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<th>Description</th>
<th>Units</th>
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<tr>
<td>CSAD 250</td>
<td>Speech/ Language Internships Seminar</td>
<td>2</td>
</tr>
<tr>
<td>CSAD 295I</td>
<td>Internship: Speech-Language and Hearing Services in Schools (SLHS)</td>
<td>4</td>
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<td>CSAD 295M</td>
<td>Internship: Speech-Language Pathology in a Medical Setting</td>
<td>4</td>
</tr>
<tr>
<td>CSAD 295P</td>
<td>Internship: Speech-Language Pathology in Private Practice</td>
<td>4</td>
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<tr>
<td>CSAD 295S</td>
<td>Internship: Special Class Authorization Eligibility</td>
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Select one of the following:

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<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Units</th>
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<tr>
<td>CSAD 295M</td>
<td>Internship: Speech-Language Pathology in a Medical Setting</td>
<td>4</td>
</tr>
<tr>
<td>CSAD 295P</td>
<td>Internship: Speech-Language Pathology in Private Practice</td>
<td>4</td>
</tr>
<tr>
<td>CSAD 295S</td>
<td>Internship: Special Class Authorization Eligibility</td>
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Semester 6: Spring

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<th>Description</th>
<th>Units</th>
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<tr>
<td>CSAD 250</td>
<td>Speech/ Language Internships Seminar</td>
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<tr>
<td>CSAD 295I</td>
<td>Internship: Speech-Language and Hearing Services in Schools (SLHS)</td>
<td>4</td>
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<tr>
<td>CSAD 295M</td>
<td>Internship: Speech-Language Pathology in a Medical Setting</td>
<td>4</td>
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<tr>
<td>CSAD 295P</td>
<td>Internship: Speech-Language Pathology in Private Practice</td>
<td>4</td>
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<tr>
<td>CSAD 295S</td>
<td>Internship: Special Class Authorization Eligibility</td>
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Select one of the following:

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<tr>
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<th>Description</th>
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<tr>
<td>CSAD 500C</td>
<td>Culminating Experience: Comprehensive Exam</td>
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<tr>
<td>CSAD 500P</td>
<td>Culminating Experience: Project</td>
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Semester 6 is optional 2

Select one of the following:

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<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Units</th>
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<tr>
<td>CSAD 295M</td>
<td>Internship: Speech-Language Pathology in a Medical Setting</td>
<td>2</td>
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<tr>
<td>CSAD 295P</td>
<td>Internship: Speech-Language Pathology in Private Practice</td>
<td>2</td>
</tr>
<tr>
<td>CSAD 295S</td>
<td>Internship: Special Class Authorization Eligibility</td>
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<tr>
<th>Course</th>
<th>Description</th>
<th>Units</th>
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<tbody>
<tr>
<td>CSAD 500C</td>
<td>Culminating Experience: Thesis</td>
<td>2</td>
</tr>
<tr>
<td>CSAD 500P</td>
<td>Culminating Experience: Project</td>
<td>2</td>
</tr>
</tbody>
</table>

1 Minimum of 8 units of internships required for the Master of Science Degree in Speech-Language Pathology.
2 If a student elects to pursue an additional internship experience, then the student may enroll in one or more of these experiences.
3 Students completing a thesis or project must enroll in two units of CSAD 500T or CSAD 500P in semester 3 AND semester 4. Students completing the comprehensive examination must enroll in 2 units of CSAD 500C in semester 4.

**Speech-Language Pathology Graduate Program Policies and Procedures**

1. A student must have a 3.0 GPA in the major in order to graduate with a Master of Science Degree in Communication Sciences and Disorders. To achieve this GPA, students may not earn a grade of less than a B in any major didactic course or a grade of B- in any clinical practicum. Repeated course grades will either be forgiven or averaged with the new grade according to the campus graduate policy on repeating courses. Students failing to maintain a GPA of 3.00 are automatically placed on academic probation. The student then has one semester to make up the grade point deficiency or s/he will not be allowed to continue the graduate program and will be dismissed. Any student who has failed any two clinical practicum courses will not be allowed to continue in the graduate program and will be dismissed.

2. Prior to enrolling in any Clinical Practica, students must fulfill the following criteria:.
   a. Proof of negative tuberculin (PPD) test and verification of measles, rubella, and hepatitis B immunization series.
   b. Completion of a Level 1 criminal background check. Background checks must be conducted by the department-sanctioned agency. Refer to Department webpage for current agency instructions. Background checks performed by other agencies are not accepted.
c. Students must complete all clinical practica in the proscribed sequence. Students who have not completed a given semester’s clinical practica will not be allowed to progress into subsequent clinical practica including internships.

d. Current certification in Cardiopulmonary Resuscitation (CPR) for Health Care Providers.

3. Students must meet clock-hour requirements for the American Speech-Language and Hearing Association (ASHA) Certificate of Clinical Competence (CCC), California License in Speech-Language Pathology and the California Speech-Language Pathology Services Credential with or without Special Class Authorization.

4. Internship requirements: Documentation of the following is required by the end of the second clinical semester:
   a. Current certification in Cardiopulmonary Resuscitation (CPR) for Health Care Providers.
   c. Pass the California Basic Educational Skills Test (CBEST)
   d. Students must complete CSAD 295I and CSAD 295M. Optional additional clinical practica are: CSAD 295S and CSAD 295P

5. Students must furnish their own transportation to off-campus practicum sites.

6. Students must explore and complete additional internship requirements as delineated by each site.

7. Clock hours from the following may be counted for the CCC and California License in Speech-Language Pathology only if the on-site supervisors have their CCCs and California License in Speech-Language Pathology.
   - CSAD 295I Internship: Speech-Language and Hearing Services in Schools (SLHS) 4
   - CSAD 295M Internship: Speech-Language Pathology in a Medical Setting 4
   - CSAD 295P Internship: Speech-Language Pathology in Private Practice 4
   - CSAD 295S Internship: Special Class Authorization Eligibility 4

8. Students must complete 100 supervised, direct-client-contact practica hours over forty-five work days in CSAD 295I and in the optional CSAD 295S.

9. Students must meet the clinical practicum requirements for the Certificate of Clinical Competence (CCC) and the California License in Speech-Language Pathology at the time of graduation in order to receive the Master’s Degree.

10. Students must submit a signed record of all observation hours and supervised clinical clock hours to the Speech-Language Pathology and Audiology Department. Students should retain multiple copies for their personal records.

11. Advancement to Candidacy: Students must file for Advancement to Candidacy per Office of Graduate Studies procedures as posted on their website.

Culminating Experience

1. A student working toward a master’s degree may choose as a Culminating Experience either a Thesis CSAD 500T, Project CSAD 500P, or Comprehensive Examination CSAD 500C.

2. In order to enroll in CSAD 500T, CSAD 500P, or CSAD 500C a student must have been advanced to candidacy.

3. A student may not register for CSAD 500T unless the following conditions have been met:
   • The first and second readers judge that the first two chapters of the thesis or project (literature review and methodology) are sufficiently well-developed.
   • Her/his proposal has been approved by the Culminating Experience Committee no later than the 11th week of the second clinical semester. The proposal must include the first two chapters specified above.
   • Institutional Review Board (IRB) approval has been obtained. It is possible for this process to take up to a full academic year.
   • Written approval of the first reader has been accepted by the Department Chair.

4. No subjects may be recruited until the student has registered for CSAD 500T and has received Institutional Review Board (IRB) approval.

5. A student may not register for CSAD 500P until the following conditions have been met:
   • The first and second readers judge that her/his written proposal describing the project’s significance, objectives, methodology, and conclusions or recommendations are sufficiently well-developed.
   • Her/his proposal has been approved by the Culminating Experience Committee no later than the 11th week of the second clinical semester. The proposal must include the first project description specified above.
   • Written approval of the first reader has been accepted by the Department Chair.
   • Institutional Review Board (IRB) approval has been obtained, if applicable. It is possible for this process to take up to a full academic year.

6. A student enrolled in CSAD 500T or CSAD 500P may switch to the CSAD 500C Comprehensive Exam with approval from the Culminating Experience Committee and submission of a Petition for Exception form. There is no reversal of this change.

Thesis (CSAD 500T)

• Definition: A thesis is an independent research study conducted by the student under the supervision of members of the faculty. A thesis must involve a research question or hypothesis, review of pertinent literature, and the collection and analysis of data. It is the student’s responsibility to locate and recruit subjects and to collect the data, as well as to write the thesis. A thesis that includes the generation of original data is preferred; however, proposals based on file data or other secondary data sources will be considered.

• Supervision: A thesis is supervised by a committee of two or more faculty members in the Department of Communication Sciences and Disorders. The “first reader” is the chair of the committee, and the student’s primary advisor and editor. The “second reader” evaluates the thesis at the beginning, consults on the development of the manuscript as necessary, and must approve the final manuscript.

• Credit: A student enrolls in two units of CSAD 500T each semester he/she works on the thesis, up to a total of four units. If the thesis is not completed within two semesters the student may enroll in continuous enrollment (CSAD 599), if not otherwise actively enrolled, for two additional semesters. Students are allowed a maximum of three semesters past the semester of first registering in CSAD 500T to complete their thesis for a maximum of four semesters total. Students who do not finish the thesis within the first semester of enrolling in CSAD 500T will receive a grade of “Report in Progress” (RP). If a student does not complete the thesis within
the four total semesters, s/he will receive a No Credit (NC) grade for the original units and must enroll in CSAD 500C for the culminating experience.

**Project (CSAD 500P)**

- **Definition:** A project is a significant undertaking appropriate to the professional fields of Speech-Language Pathology or Audiology. It must evidence originality and independent thinking, appropriate form and organization, and a rationale. It must be described and summarized in a written document that includes the project’s significance, objectives, methodology, and a conclusion or recommendation. The project can be, but is not limited to, a curriculum project that contributes to the fields by enhancing communication of the subject matter or a research project that contributes to the fields by adding to the professional knowledge base.

- **Supervision:** A project is supervised by a committee of two or more faculty members in the Department of Communication Sciences and Disorders. The “first reader” is the chair of the committee, and the student’s primary advisor and editor. The “second reader” evaluates the project at the beginning, consults on the development of the project as necessary, and must approve the final project.

- **Credit:** A student enrolls in two units of CSAD 500P each semester he/she works on the project, up to a total of four units. If the project is not completed within two semesters, the student may enroll in continuous enrollment (CSAD 599), if not otherwise actively enrolled, for two additional semesters. Students are allowed a maximum of three semesters past the semester of first registering in the CSAD 500P to complete their project for a maximum of four semesters total. Students who do not finish the project within the first semester of enrolling in CSAD 500P will receive a grade of “Report in Progress” (RP). If a student does not complete the project within the four total semesters, she/he will receive a No Credit (NC) grade for the original units and must enroll in CSAD 500C for the culminating experience.

**Comprehensive Exam (CSAD 500C)**

- **Definition:** Written exam comprised of eight questions. Examinees are given one-and-a-half hours to complete each question. 

- **Comprehensive Exams** are scheduled once per semester at the discretion of the department.

- Upon completion and review by the examiners, each question is given a grade of “Outstanding”, “Pass”, “Pass with Conference” or “No-Pass.”
  a. “Pass” indicates a satisfactory completion of the question.
  b. “Pass with Conference” indicates a pass, but the examiner requires oral or written clarification of the answer from the student. This must be completed before the 14th week of the semester in which the exam is taken. Conferences are scheduled at the discretion of the examiner.
  c. “No-Pass” indicates an unsatisfactory answer.

- The student may receive a “No-Pass” for up to two questions without retaking the entire exam. These “No-Pass” questions must be rewritten under the direction of the examiner.

- Question rewrites must be successfully completed with a grade of “Pass” before the 14th week of the semester in which the exam is taken.

- If any rewritten question is not passed, the student receives a grade of No Credit (NC) for CSAD 500C.

- If three or more questions of the exam receive a grade of “No-Pass”, the student receives a grade of No Credit (NC) for CSAD 500C.

- Student receiving a grade of No Credit (NC) for CSAD 500C must register again in CSAD 500C and retake the comprehensive exam in its entirety at the next scheduled administration.

- The same conditions for grading apply on a retaken comprehensive exam as on the first attempt. Students may take CSAD 500C no more than two times.

**Additional Information**

**Program Completion**

If the Bachelor’s Degree in Communication Sciences and Disorders, or its equivalent, has been completed at another University, additional time may be needed to complete the undergraduate requirements not already met. If courses are waived at Sacramento State because they were taken at another University, the student must have an adequate number of graduate units at Sacramento State in the major to meet the MS degree requirements and ASHA graduate-level requirements.

**Certificate of Clinical Competence**

A Master of Science Degree from Sacramento State fulfills the academic and clinical requirements for the Certificate of Clinical Competence (CCC), which is granted by the American Speech-Language-Hearing Association (ASHA). The student must complete a Clinical Fellowship (one year of paid professional experience under supervision) and pass the appropriate PRAXIS exam before the certificate is granted. The Certificate of Clinical Competence is required for most employment positions, both in the public schools and in other settings.

**Licensure**

A Master of Science Degree from Sacramento State fulfills the academic and clinical requirements for the California License in Speech-Language Pathology. The license is required for employment in settings other than schools or federal agencies. Students must complete a Clinical Fellowship Year (one year of paid professional experience under supervision) and pass the appropriate PRAXIS exam before the license is granted.

Admission into programs leading to licensure and credentialing does not guarantee that students will obtain a license or credential. Licensure and credentialing requirements are set by agencies that are not controlled by or affiliated with the CSU and requirements can change at any time. For example, licensure or credentialing requirements can include evidence of the right to work in the United States (e.g., social security number or tax payer identification number) or successfully passing a criminal background check. Students are responsible for determining whether they can meet licensure or credentialing requirements. The CSU will not refund tuition, fees, or any associated costs, to students who determine subsequent to admission that they cannot meet licensure or credentialing requirements. Information concerning licensure and credentialing requirements are available from the department graduate coordinator who can be reached at (916) 278-6601.

**Credential**

A Master of Science Degree from Sacramento State fulfills the academic and clinical requirements for the California Speech-Language Pathology Services Credential. This credential authorizes the individual to work as an itinerant speech-language pathologist in the California public schools. This requires a minimum of 200 clock hours of clinical practice with minors. One hundred of these hours must be in a public school setting. In addition to the credential, students may pursue the Special Class Authorization, which is required to teach a special classroom of language
disordered children. This requires a minimum of 100 hours in a class for children with severe language disorders.

Candidates must pass the California Basic Education Skills Test (CBEST).

Admission into programs leading to licensure and credentialing does not guarantee that students will obtain a license or credential. Licensure and credentialing requirements are set by agencies that are not controlled by or affiliated with the CSU and requirements can change at any time. For example, licensure or credentialing requirements can include evidence of the right to work in the United States (e.g., social security number or tax payer identification number) or successfully passing a criminal background check. Students are responsible for determining whether they can meet licensure or credentialing requirements. The CSU will not refund tuition, fees, or any associated costs, to students who determine subsequent to admission that they cannot meet licensure or credentialing requirements. Information concerning licensure and credentialing requirements are available from the department graduate coordinator who can be reached at (916) 278-6601.

CSAD 21. First Year Seminar: Becoming an Educated Person. 3 Units
General Education Area/Graduation Requirement: Understanding Personal Development (E)
Freshman seminar intended to provide students with an introduction to the nature and possible meanings of higher education and the functions and resources of the University. Designed to help students develop and exercise fundamental academic success strategies and to improve their basic learning skills. Also provide students with an opportunity to interact with fellow students and the seminar leader and to build a community of academic and personal support.
CSAD 97. Speech Improvement. 1 Unit
Individual assignments and practice in speech improvement. Limited to full-time university students with speech or hearing disorders. Provides assistance for students who must pass the speech examination for credential candidates.
Note: May be repeated.
Credit/No Credit

CSAD 110. Physics of Sound and Phonetics. 4 Units
Prerequisite(s): CHDV 30, DEAF 51, PSYC 2, and STAT 1
Corequisite(s): CSAD 111
Physical production, acoustic characteristics of sounds of speech. International Phonetic Alphabet as applied to speech sounds; practice in phonetic transcription of dialects and deviant speech; applications in speech education, speech and hearing therapy. Introduction to physiological acoustics, psychoacoustics, and acoustic phonetics. Perception of speech including voice, resonance, individual speech segments; instrumentation for acoustic and perceptual analysis of speech.

CSAD 111. Anatomy and Physiology of the Speech Mechanism. 3 Units
Prerequisite(s): CHDV 30, DEAF 51, PSYC 2, and STAT 1
Corequisite(s): CSAD 110
Anatomical, physiological and neurological bases of speech. Covers development, normal structure and function. A general course in human anatomy is recommended as background.

CSAD 112. Language Science and Development. 3 Units
Prerequisite(s): CHDV 30, DEAF 51, PSYC 2, and STAT 1
Overview and comparison of normal and abnormal child language development from infancy through upper elementary school. Establishes a framework for understanding language disorders including autism and pervasive developmental delay. Includes theories of language acquisition, basic principles of language sampling, systems of language, elements of grammar, and preparation for informal and standardized assessment of language disorders. Introduces students to the impact of variables such as attention deficit disorder, poverty, bilingualism on developing language skills.

CSAD 120. Introduction to Language, Speech and Hearing Problems. 3 Units
Review of normal speech and language development. Overview of language, speech, and hearing development and disorders including multicultural issues. Introduction to professional issues and ethics.

CSAD 122. Disability in the Popular Media. 3 Units
Focuses on the political, psychological, legal, and social-emotional aspects of physical, cognitive, and communication disability. Students will read literature and view films written by and/or on the topic of individuals with disability.

CSAD 123. Voice and Fluency. 3 Units
Prerequisite(s): CSAD 125, CSAD 126, PSYC 2, STAT 1, CHDV 30, and DEAF 51.

CSAD 125. Developmental and Acquired Neurogenic Language Disorders Across the Lifespan. 3 Units
Prerequisite(s): CSAD 112, CHDV 30, PSYC 2, STAT 1, and DEAF 51.
Language disorders and the dynamic, reciprocal relationships between the disability, the client, his/her family, and the environment. Developmental and acquired neurogenic language disorders from infancy through adulthood will be covered including neurophysiology and neuropathology.

CSAD 126. Speech Sound Development and Disorders in Children: Aspects of Articulation and Phonology. 3 Units
Prerequisite(s): CSAD 110, CHDV 30, PSYC 2, STAT 1, and DEAF 51.

CSAD 127. Introduction to Medical Speech Pathology. 3 Units
Prerequisite(s): CSAD 123, CSAD 125, CSAD 126, PSYC 2, STAT 1, CHDV 30, and DEAF 51.
Current concepts regarding anatomy and physiology, etiology, assessment, and treatment of craniofacial disorders, laryngectomy, tracheostomy and dysphagia.

CSAD 129. Audiology for School Nurses. 3 Units
Designed for nursing students who are seeking coursework in Audiometric testing to support a School Nursing Credential. Overview of anatomy and physiology and pathologies/syndromes for the auditory system. Introduction to developmental auditory behaviors and a review of hearing testing and screening procedures including the California hearing Screening program for public schools.
CSAD 130. Audiology and Hearing Testing. 3 Units
Prerequisite(s): CHDV 30, DEAF 51, PSYC 2, STAT 1, CSAD 110 and CSAD 111
Introduction to audiology; anatomy and physiology of the hearing mechanism; pathologies of the ear; basic acoustics of sound and its relation to hearing and speech; school hearing screening; hearing conversation; audiometric interpretation and its relationship to speech language and learning disorders.

CSAD 133. Aural Rehabilitation. 3 Units
Prerequisite(s): CSAD 125, CSAD 126, CSAD 130, PSYC 2, STAT 1, CHDV 30, and DEAF 51.
According to Tye-Murray, aural rehabilitation is "intervention aimed at minimizing and alleviating the communication difficulties associated with hearing loss." This course examines communication assessment and remediation approaches for children and adults with both peripheral and central auditory problems.

CSAD 140. SLPA Methods. 3 Units
Prerequisite(s): CSAD 145 and instructor permission.
Corequisite(s): CSAD 140L.
Taken by students as one of their senior level courses when they wish to pursue a Speech-Language Pathology Assistant (SLPA) licensure. Graduate students who have not had a similar course and wish to obtain this licensure will also need to enroll prior to pursuing the licensure.

CSAD 140L. SLPA Practicum, Ethical and Legal Parameters. 3 Units
Prerequisite(s): CSAD 145 and instructor permission.
Corequisite(s): CSAD 140.
Taken by students as one of their senior level courses when they wish to pursue a Speech-Language Pathology Assistant (SLPA) licensure. Graduate students who have not had a similar course and wish to obtain this licensure will also need to enroll prior to pursuing the licensure.

CSAD 142. Topics in Autism Spectrum Disorders. 2 Units
Prerequisite(s): CSAD 112, CSAD 125, PSYC 2, STAT 1, CHDV 30, and DEAF 51.
Detailed look at characteristics of autism spectrum disorders (including Asperger's Syndrome, PDD-NOS and Autism). Issues related to diagnosis/assessment, early intervention, school-based intervention, functional therapeutic techniques and theories, and current "hot topics" in Autism (Theory of Mind, joint attention, biomedical issues, dietary restrictions, sensory regulation and intervention paradigms) will be a part of this course.

CSAD 143. Communication Disorders in Multicultural Populations. 3 Units
Prerequisite(s): CSAD 110, CSAD 125, CSAD 126.
Identification, evaluation, and treatment of multicultural, multilingual clients with communication disorders. Discussion of normal second language acquisition, bilingual development, and cultural values related to effective service delivery for multicultural clients.

CSAD 145. Supervised Field Observations. 1 Unit
Prerequisite(s): CSAD 110, CSAD 111, CSAD 112, PSYC 2, STAT 1, CHDV 30, and DEAF 51.
Corequisite(s): CSAD 125, CSAD 126, and CSAD 130.
Directed observations of speech and hearing testing (screening and diagnostic); therapy and case staffing in schools, service clinics and hospitals.
Note: Student must furnish transportation and Allied Health Education programs require a $20.00 annual fee for insurance. The insurance is $20.00 per academic year and not charged per course.
Credit/No Credit

CSAD 146. Introduction to Clinical Issues and Methods. 3 Units
Prerequisite(s): CSAD 110, CSAD 111, CSAD 112, CSAD 125, CSAD 126, CSAD 130, and CSAD 145.
Methods and materials used in clinical procedures are introduced. Work with graduate students and clients provides introduction to actual procedures and ethical practices. Introduction to ASHA Code of Ethics and legal issues in professional practice including federal and state laws and regulations, funding sources and scope of practice, survey of professional settings for speech and hearing services, including multidisciplinary settings. Prior to enrolling in CSAD 146, students must fulfill the catalogue requirements listed in the catalogue section "Undergraduate Clinical Assistantship.
Note: Allied Health and Education programs require a $20.00 annual fee for insurance. The insurance is $20.00 per academic year and not charged per course.

CSAD 147. Assessment Procedures. 3 Units
Prerequisite(s): CSAD 125, CSAD 126, CSAD 145, PSYC 2, STAT 1, CHDV 30, and DEAF 51.
Current principles, methods and materials used by the speech-language pathologist to assess communication disorders are presented. Issues related to a model of assessment, informal and formal testing, dynamic assessment, interview techniques, administration, scoring and interpretation of test results, report writing and related issues will be discussed.

CSAD 148. Research in Speech -- Language Pathology and Audiology. 3 Units
Prerequisite(s): CSAD 110, CSAD 111, CSAD 112, CSAD 125, CSAD 126, CSAD 130, and CSAD 145.
Survey of research strategies and methods in Speech-Language Pathology and Audiology. Statistical procedures and single-subject designs. Emphasis on interpreting research reports in the literature and on developing research projects. Writing research proposals and reports.

CSAD 199. Special Problems. 1 - 3 Units
Individual projects or directed reading. Open only to students competent to carry on individual work.
Note: Departmental petition required.
Credit/No Credit

CSAD 217. AAC and Assistive Technologies. 2 Units
Biological, acoustic, psychological, development, linguistic, and cultural bases for motor speech disorders, focusing on augmentative and alternative communication an assistive technologies as well as their assessment and treatment techniques.

CSAD 218. Motor Speech Disorders. 2 Units
Background pertinent to understanding neurophysiology associated with congenital and acquired dysarthria and dyspraxia, and descriptions and classifications of disorders and their causes, methods of assessment and treatment.

CSAD 219. Counseling Techniques for Speech Pathologists and Audiologists. 3 Units
Development of strategies for counseling and interviewing clients with communication disorders and their families. Development of specific skills such as effective listening, dealing constructively with emotions, working with families, and leading support groups. Students will learn to deal effectively with the affective side of communication disorders to help clients benefit maximally from assessment and treatment.

CSAD 221. Neurogenic Language Disorders. 4 Units
In-depth study of language and cognitive disorders in adult, secondary to cerebrovascular accident, dementia, and/or traumatic brain injury. Assessment and intervention strategies are covered with particular emphasis on functional outcomes.

CSAD 222. Curriculum in Relation to Language -- Learning Disabilities in School-age Children. 3 Units
Prerequisite(s): Instructor permission.
Language acquisition as a continuum from oral language to reading and writing, the role of the speech-language specialist in working with reading disabilities; the interactions among speech-language intervention and curricula areas including mathematics, spelling, handwriting, social studies and language arts; and various service delivery models, including collaborative consultation and learning centers.

CSAD 223. Advanced Seminar in Child Language Disorders. 3 Units
Prerequisite(s): CSAD 125 or equivalent
In-depth study of childhood language disorders emphasizing the use of critical thinking to integrate evidence-based practice into discussion of current assessment and intervention practices for children with primary and secondary language impairment. Specific topics include language sampling, early intervention, connecting intervention with Common Core State Standards, and team-based service delivery. Populations addressed include bilingual learners, those with working memory deficits, and autism spectrum disorder. The impact of the digital era and screen exposure on children with language impairment is discussed.

CSAD 227. Dysphagia and the Medical Setting. 3 Units
Prerequisite(s): CSAD 218, CSAD 221, instructor permission.
Swallowing problems from infancy through old age; growth patterns and failures in younger populations; feeding and swallowing problems related to normal aging processes and those associated with neurogenic disorders. Assessment and treatment. Includes theoretical and experiential components. Overview of the role of Speech-Language Pathologist in the hospital setting including learning how to read medical charts, basic insurance information, understanding other disciplines and how they affect the job and career of an SLP in the hospital, and medical terms/abbreviations.

CSAD 228A. Methods: Speech Disorders I. 2 Units
Prerequisite(s): CSAD 125, CSAD 126, CSAD 143, CSAD 145, CSAD 146, CSAD 148 or equivalents; instructor permission.
Corequisite(s): CSAD 229A.
Diagnosis and treatment as applied to the current caseload, including articulation and phonological disorders and characteristics associated with English as a second language (ESL). Methods for both children and adults. Staffings, case studies and presentations, demonstrations and class discussions.

CSAD 228B. Methods: Speech Disorders II. 1 Unit
Prerequisite(s): CSAD 123, CSAD 127 or equivalents; CSAD 228A, instructor permission.
Corequisite(s): CSAD 229B.
Techniques and materials for assessing and treating speech disorders emphasizing fluency and voice. Staffings and discussion of cases in the current caseload.
Note: May be repeated.

CSAD 228C. Methods: Speech Disorders III. 1 Unit
Prerequisite(s): CSAD 218, CSAD 228B; CSAD 221 may be concurrent; instructor permission.
Corequisite(s): CSAD 229C.
Techniques and materials for assessing and treating clients with disordered speech secondary to developmental disabilities and syndromes, degenerative diseases or complex problems associated with English as a second language (ESL). Discussions of cases in the current caseload.
Note: May be repeated.

CSAD 229A. Practice: Speech Disorders I. 2 Units
Prerequisite(s): Instructor permission.
Corequisite(s): CSAD 228A.
Supervised clinical practice emphasizing articulation and phonological disorders, and phonological difficulties associated with English as a second language (ESL). Clients may include both children and adults.
Note: Allied Health and Education programs require a $20.00 annual fee for insurance. The insurance is $20.00 per academic year and not charged per course.

CSAD 229B. Practice: Speech Disorders II. 2 Units
Prerequisite(s): Instructor permission.
Corequisite(s): CSAD 228B.
Supervised clinical practice emphasizing clients whose speech is disrupted by abnormal rhythm and rate (e.g. stuttering and cluttering) or abnormal vocal pitch, loudness, and/or quality.
Note: Allied Health and Education programs require a $20.00 annual fee for insurance. The insurance is $20.00 per academic year and not charged per course.

CSAD 229C. Practice: Speech Disorders III. 2 Units
Prerequisite(s): Instructor permission.
Corequisite(s): CSAD 228C.
Supervised clinical practice emphasizing children and adults whose speech is disrupted secondary to developmental disorders and syndromes, degenerative disorders or complex problems.
Note: Allied Health and Education programs require a $20.00 annual fee for insurance. The insurance is $20.00 per academic year and not charged per course.

CSAD 241S. Practice: Hearing Screenings. 1 Unit
Prerequisite(s): CSAD 130, or instructor permission.
Supervised clinical practice in the administration of hearing screening tests. The student must furnish his/her own transportation. Fifteen to twenty hours for one unit.
Note: Allied Health and Education programs require a $20.00 annual fee for insurance. The insurance is $20.00 per academic year and not charged per course.

Credit/No Credit
CSAD 242A. Methods: Language Disorders I Professional Writing-Field of Speech-Language Pathology Audiology. 2 Units  
Prerequisite(s): Admission to Graduate Program  
Corequisite(s): CSAD 243A  
Methods, materials and procedures in language disorders with emphasis on working with children and adults with peripheral hearing loss or central auditory processing disorders (CAPD). Includes staffing and discussion of cases in the current caseload. Focus on professional writing in the field of Speech-Language Pathology through the development of treatment plan proposals, critical responses, and clinic reports.

CSAD 242B. Methods: Language Disorders II. 1 Unit  
Prerequisite(s): CSAD 223, CSAD 242A; instructor permission.  
Corequisite(s): CSAD 243B  
Techniques and materials for assessing and treating children with disordered language secondary to a myriad of contributing factors including delayed development, neurological problems and various genetic conditions. Discussion of cases in the current caseload.  
Note: May be repeated.

CSAD 242C. Methods: Language Disorders III. 1 Unit  
Prerequisite(s): CSAD 218, CSAD 242B; CSAD 221 may be taken concurrently; instructor permission.  
Corequisite(s): CSAD 243C  
Techniques and materials for assessing and treating speech and language disorders emphasizing disorders secondary to cerebral vascular accidents, traumatic brain injury, or other neurological disorders. Discussion of cases in the current caseload.  
Note: May be repeated.

CSAD 243A. Practice: Language Disorders I. 2 Units  
Prerequisite(s): Instructor permission.  
Corequisite(s): CSAD 242A  
Supervised clinical practice in language disorders emphasizing children and adults with peripheral hearing loss or central auditory processing disorders (CAPD).  
Note: Allied Health and Education programs require a $20.00 annual fee for insurance. The insurance is $20.00 per academic year and not charged per course.

CSAD 243B. Practice: Language Disorders II. 2 Units  
Prerequisite(s): Instructor permission.  
Corequisite(s): CSAD 242B  
Supervised clinical practice with children demonstrating language disorders secondary to a myriad of contributing factors including delayed development, neurological problems, and various genetic conditions.  
Note: Allied Health and Education programs require a $20.00 annual fee for insurance. The insurance is $20.00 per academic year and not charged per course.

CSAD 243C. Practice: Language Disorders III. 2 Units  
Prerequisite(s): CSAD 243B; instructor permission.  
Corequisite(s): CSAD 242C  
Supervised clinical practice emphasizing adult clients whose speech and language are disordered secondary to neurogenically related problems such as cerebrovascular accident, traumatic brain injury, or other neurological disorders.  
Note: Allied Health and Education programs require a $20.00 annual fee for insurance. The insurance is $20.00 per academic year and not charged per course.

CSAD 244. Methods: Speech -- Language Assessment. 1 Unit  
Prerequisite(s): CSAD 147 or equivalent; CSAD 228B, CSAD 242B; instructor permission.  
Corequisite(s): CSAD 245  
Methods and materials for initial assessment in Speech-Language Pathology.

CSAD 245. Practice: Speech -- Language Assessment. 1 Unit  
Prerequisite(s): Instructor permission.  
Corequisite(s): CSAD 244  
Supervised clinical practice in assessment with a variety of communication disorders in children and adults. Experience with interdisciplinary teams.

Note: Allied Health and Education programs require a $20.00 annual fee for insurance. The insurance is $20.00 per academic year and not charged per course.

CSAD 250. Speech/Language Internships Seminar. 2 Units  
Corequisite(s): CSAD 295I, or CSAD 295M, or CSAD 295P or CSAD 295S  
Assessment, scheduling and conducting language speech and hearing programs in schools. Related issues including scope of practice, managed care, interagency cooperation and transdisciplinary approaches.

CSAD 295I. Internship: Speech-Language and Hearing Services in Schools (SLHS). 4 Units  
Prerequisite(s): All previous semester’s clinical practica and coursework must be completed, achievement of a passing score on the CBEST.  
Corequisite(s): CSAD 250. Graded: Credit/No Credit  
Units: 4  
Supervised clinical practice in the school setting. Students are expected to conform to the schedules of the placement(s) to which they are assigned. The student must furnish his/her own transportation. Credit/No Credit

CSAD 295M. Internship: Speech-Language Pathology in a Medical Setting. 4 Units  
Prerequisite(s): All previous semester’s clinical practica and coursework must be completed, achievement of a passing score on the CBEST.  
Corequisite(s): CSAD 250. Graded: Credit/No Credit  
Units: 4  
Supervised clinical practice in a medical setting. Students are expected to conform to the schedules of the placement(s) to which they are assigned. The student must furnish his/her own transportation. Credit/No Credit

CSAD 295P. Internship: Speech-Language Pathology in Private Practice. 4 Units  
Prerequisite(s): CSAD 250. All previous semester’s clinical practica and coursework must be completed, achievement of a passing score on the CBEST. Graded: Credit/No Credit  
Units: 4  
Supervised clinical practice in a private practice setting. Students are expected to conform to the schedules of the placement(s) to which they are assigned. The student must furnish his/her own transportation. Credit/No Credit

CSAD 295S. Internship: Special Class Authorization Eligibility. 4 Units  
Prerequisite(s): CSAD 250. All previous semester’s clinical practica and coursework must be completed, achievement of a passing score on the CBEST. Graded: Credit/No Credit  
Units: 4  
Supervised clinical practice in a medical setting. Students are expected to conform to the schedules of the placement(s) to which they are assigned. The student must furnish his/her own transportation. Credit/No Credit
CSAD 299. **Special Problems.** 1 - 3 Units
Individual projects or directed reading. Open only to students who appear competent to carry on individual work.

**Note:** Departmental petition required.

Credit/No Credit

CSAD 500C. **Culminating Experience: Comprehensive Exam.** 2 Units

**Prerequisite(s):** Advanced to Candidacy

Graded: Credit/No Credit

Units: 2.0

Written exam comprised of eight questions. Examinees are given one and a half hours to complete each question.

CSAD 500P. **Culminating Experience: Project.** 2 Units

**Prerequisite(s):** Advancement to Candidacy

Graded: Credit/No Credit

Units: 2.0 - 4.0

Independent work conducted under the supervision of faculty members. A project is a significant undertaking appropriate to the professional fields of Speech-Language Pathology or Audiology. It must evidence originality, independent thinking, appropriate form and organization, and a rationale. It must be described and summarized in a written document that includes the project's significance, objectives, methodology, and a conclusion or recommendation. Students must follow all department and university project guidelines.

CSAD 500T. **Culminating Experience: Thesis.** 2 Units

**Prerequisite(s):** Advanced to Candidacy

Graded: Credit/No Credit

Independent research study, conducted under the supervision of faculty members. Thesis must involve a research question or hypothesis, review of pertinent literature, collection and analysis of data. It is the student's responsibility to locate and recruit subjects, to collect data, and to write the thesis. Students must follow all department and university thesis guidelines.