Communication Sciences and Disorders

Program Objectives

The Department of Speech Pathology and Audiology is committed to the preparation of students interested in graduate study and eventual careers in speech-language pathology or audiology. The pre-professional undergraduate program emphasizes education in the following: GEC; basic speech and hearing sciences; anatomy and physiology of the speech and hearing systems; normal development and behavior in speech, swallowing, hearing, and language; awareness of cultural diversity and its relationship to communication; and an introduction to communicative disorders.

Career Prospects

The professions of speech-language pathology and audiology are exciting fields wherein professionals provide services to individuals with communication disorders. The demand for certified practitioners is continually increasing; consequently, job prospects remain very good. The pre-professional undergraduate program and graduate study in either speech-language pathology or audiology enable graduates to seek employment in a variety of settings and work with individuals of all ages. They may also pursue academic and research careers in the discipline of communication sciences and disorders.

Pre-Speech Pathology and Audiology

Admission

Normally, students are first admitted to the pre-SPA program of study and matriculate as such during the freshman and sophomore years. Pre-SPA students are assigned an advisor in the College of Education and Human Services Center for Student Advising and Records in 701 Allen Hall. To qualify for admission, incoming freshmen must present an overall high school GPA of 3.0 or higher, 1050 or higher on the SAT, or 23 on the ACT.

Students who transfer into pre-SPA during the freshman or sophomore year from either another major at WVU or from another university must present a grade point average of 3.0 for all undergraduate coursework taken prior to the time of transfer.

Requirements

Students are considered pre-SPA until they have met the requirements specified below and have applied and been accepted into the SPA degree program.

1. Completion of at least fifty-eight academic hours, including a grade of C or better in each of the following:
   - English 101 and 102, Statistics 211, Linguistics 101, a physical/natural science course, a biological/life science course, a behavior/social science course, and a foreign language (101 and 102, or equivalent)
2. Completion of SPA 200 and SPA 270 with a minimum grade of B [and, for Freshmen declaring Pre-SPA at the beginning of college study, successful completion of SPA 199]
3. A minimum of 80% on the SPA Qualifying Examination
4. An overall GPA of at least 3.0.

These requirements are subject to change. Interested students should contact the Department of Speech Pathology and Audiology for information on current requirements.

Faculty

Chair
- Robert F. Orlikoff - Ph.D. (Columbia University)

Professors
- Carolyn P. Atkins - Ed.D. (WVU)
  - Speech pathology, Speech improvement, Public speaking, Effective communication
- Mary Ellen Tekieli Koay - Ph.D. (University of Oklahoma)
  - Speech pathology, Neurophysiology, Neuropathologies, Clinical supervision
- Norman J. Lass - Ph.D. (Purdue University)
  - Speech and hearing science, Speech perception, Speech acoustics, Experimental phonetics
- Robert F. Orlikoff - Ph.D. (Columbia University)
  - Speech pathology Speech and voice physiology, Voice disorders, Evidence-based practice
- Vishakha W. Rawool - Ph.D. (Purdue University)
  - Audiology, Auditory electrophysiology, Otoacoustic emissions, Acoustical reflex, Aging, Pediatrics, Clinical supervision
- Dennis M. Ruscello - Ph.D. (University of Arizona)
Speech pathology, Language, Articulation, Cleft Palate-Craniofacial disorders, Clinical supervision

• Linda I. Shuster - Ph.D. (Ohio State University)
  Speech pathology, Neurogenic communication disorders, Speech perception, Speech acoustics, Clinical supervision

• Kenneth O. St. Louis - Ph.D. (University of Minnesota)
  Speech pathology, Fluency, Voice, Clinical supervision

Associate Professors

• Conrad Lundeen - Ph.D. (University of Iowa)
  Audiology, Aural rehabilitation, Central auditory disorders, Clinical supervision

Assistant Professors

• Jeremy J. Donai
  Audiology, Psychoacoustics, Amplification, Hearing aids

• Michelle W. Moore - Ph.D. (University of Pittsburgh)
  Speech pathology, Child language disorders, Literacy, Phonological disorders

• Robin R. Jones - M.S. (WVU)
  Audiology

Teaching Assistant Professors

• Ashleigh J. Callahan - Ph.D. (James Madison University)
  Audiology, Vestibular evaluation/rehabilitation, Hearing conservation

• Gayle B. Neldon - Ed.D. (WVU)
  Audiology, Amplification, Clinical supervision, Program coordinator

Clinical Instructor

• Leslie C. Graebe - M.S. (WVU)
  Speech pathology, Clinical practice, Clinical supervision

Teaching Instructor

• Janet J. Petitte - M.S. (WVU)
  Audiology, Hearing aids, Clinical supervision

Professor Emeritus

• Charles M. Woodford - Ph.D.

Assistant Professors Emeritae

• Lynn R. Cartwright - Ed.D.
• Cheryl L. Prichard - Ed.D.

B.S. Degree Program in Speech Pathology and Audiology

Admission

After completing all pre-SPA requirements listed above, a student must apply for admission to the degree program by completing an application form obtained from the Department of Speech Pathology and Audiology in 805 Allen Hall. It is the student’s responsibility to obtain an application form and submit it to the Department of Speech Pathology and Audiology between the deadline dates of January 15 and February 1. No applications will be accepted after February 1. After the application has been reviewed and verified, the student will receive a letter summarizing the department’s admission decision. Students will be ranked according to their overall GPA for all undergraduate coursework. The forty-five students with the highest GPA will be admitted to the B.S. degree program at the beginning of the junior year. Students who are not admitted must declare another major immediately and officially transfer to that department.

Following admission to the degree program, the student must continue to meet GPA standards set by the department in order to continue in the program and graduate with a degree in speech pathology and audiology.
Graduation Requirements

A total of 128 academic credit hours, including all SPA requirements, is required for the bachelor of science in speech pathology and audiology. The following are specific requirements:

1. Successful completion of the General Education Curriculum (GEC) including all pre-SPA required courses;
2. Successful completion of seventeen hours of supporting area courses relating to natural sciences, normal/abnormal growth and development, and related issues;
3. Successful completion of a minimum of fifty-six hours of academic coursework in SPA;
4. Successful completion of minimum requirements in clinical practicum; and
5. Maintenance of an overall GPA of at least 3.0 and a cumulative GPA for SPA courses of at least 3.00 (A=4.0).

Senior Capstone

All students in the B.S. in speech pathology and audiology program must complete a capstone experience before graduation. SPA majors select and research a topic of personal interest within the discipline and, in addition to developing a capstone paper, present evidence of their scholarship in both oral and poster form.

General Education Curriculum

Please use this link to view a list of courses that meet each GEC requirement. (http://registrar.wvu.edu/current_students/general_education_curriculum)

NOTE: Some major requirements will fulfill specific GEC requirements. Please see the curriculum requirements listed below for details on which GEC’s you will need to select.

<table>
<thead>
<tr>
<th>General Education Curriculum</th>
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<tbody>
<tr>
<td>ENGL 101 &amp; ENGL 102</td>
<td>Composition And Rhetoric</td>
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<tr>
<td>or ENGL 103</td>
<td>and Composition And Rhetoric</td>
</tr>
<tr>
<td>GEC 2A - Mathematics</td>
<td>3-4</td>
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<tr>
<td>GEC 2B - Natural and Physical Science</td>
<td>7-8</td>
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<tr>
<td>GEC 2C - Additional GEC 2A, B or C</td>
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<tr>
<td>GEC 3 - The Past and Its Traditions</td>
<td>3</td>
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<tr>
<td>GEC 4 - Issues of Contemporary Society</td>
<td>3</td>
</tr>
<tr>
<td>GEC 5 - Artistic Expression</td>
<td>3</td>
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<tr>
<td>GEC 6 - The Individual in Society</td>
<td>3</td>
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<tr>
<td>GEC 6F - First Year Seminar</td>
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<tr>
<td>GEC 7 - American Culture</td>
<td>3</td>
</tr>
<tr>
<td>GEC 8 - Western Culture</td>
<td>3</td>
</tr>
<tr>
<td>GEC 9 - Non-Western Culture</td>
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<td>Total Hours</td>
<td>38-45</td>
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Major in Speech Pathology & Audiology Requirements

A minimum GPA of 2.75 is required in all courses

| SPA 199          | Orientation-Speech Path/Audiol | 1 |
| SPA 200          | Intro - Communication Disorder (with grade of B or better) | 3 |
| SPA 270          | Effective Public Speaking (with a grade of B or better) | 3 |
| SPA 274          | Manual Communication           | 3 |
| SPA 320          | Speech Science                  | 4 |
| SPA 322          | Phonetics                       | 3 |
| SPA 324          | Language Acquisition            | 3 |
| SPA 326          | Articulation and Cleft Palate   | 3 |
| SPA 340          | Hearing Science                 | 4 |
| SPA 342          | Hearing Screening Programs      | 3 |
| SPA 390          | Clinical Observation/SLP        | 1 |
| SPA 391          | Clinical Observation/Audiology  | 1 |
| SPA 422          | Voice And Stuttering            | 3 |
SPA 424 | Language Disorders | 3
SPA 440 | Audiological Assessment | 3
SPA 442 | Aural Rehabilitation | 3
SPA 460 | Professional Writing/Speaking | 3
SPA 482 | Clinical Practice/SLP | 3
SPA 483 | Clinical Practice/Audiology | 3
SPA 485 | Clinical Study & Application 2 | 1

Choose from one of the following: 3-4
- MATH 126@
- MATH 129 | Pre-Calculus Mathematics
- STAT 211 | Elementary Statistical Inference | 3
- or ECON 225 | Elementary Business/Economics Stat

Choose from one of the following: 4
- BIOL 101 | General Biology
- & BIOL 102 | and General Biology
- & BIOL 103 | and General Biology Laboratory
- & BIOL 104 | and General Biology Laboratory
- BIOL 115 | Principles of Biology
- CS 101 | Intro-Computer Applications
- PSYC 101 | Introduction to Psychology | 3
- LING 101 | Introduction To Language | 3

Physical Science Requirement

Choose 3 to 4 credits from the following: 3-4
- CHEM 111 | Survey of Chemistry
- CHEM 112 | Survey of Chemistry
- CHEM 115 | Fundamentals of Chemistry
- CHEM 116 | Fundamentals of Chemistry
- CHEM 117 | Principles of Chemistry
- CHEM 118 | Principles of Chemistry
- PHYS 101 | Introductory Physics
- PHYS 102 | Introductory Physics
- PHYS 105 | Conceptual Physics
- PHYS 107 | Physics Of Music
- PHYS 108 | Light Vision And Color
- PHYS 111 | General Physics
- PHYS 112 | General Physics
- GEOG 106 | Physical Geography Laboratory
- GEOG 107 | Physical Geography
- GEOG 110 | Environmental Geoscience
- GEOG 111 | Environmental Geoscience Lab
- GEOG 150 | Digital Earth
- GEOL 101 | Planet Earth
- GEOL 102 | Planet Earth Laboratory
- ASTR 106 | Descriptive Astronomy

Normal Human Development

Choose one from the following: 3
- CDFS 110 | Families Across the Life Span
- CDFS 211 | Infant Development
- CDFS 212 | Early Childhood Development
- CDFS 316 | Child Development Practicum
- CDFS 412 | Adolescent Development
- CDFS 413 | Contmproy Issues-Family Relatns
- CDFS 415 | Family Interaction/Commucatn
PSYC 241  Intro to Human Development
PSYC 343  Child/Adolescent Development
PSYC 345  Adulthood and Aging

Abnormal Human Development
Choose two from the following:

CHPR 170  Health of the Individual
COMM 308  Nonverbal Communication
COMM 408  Adv Study in Nonverbal Comm
COMM 317  Communication And Aging
DISB 380  Disability and the Family
DISB 385  Disability and Society
LING 514  Sociolinguistics
PHIL 331  Health Care Ethics
PSYC 202  Research Methods in Psychology
PSYC 232  Sex Roles and Behavior
PSYC 251  Intro to Social Psychology
PSYC 281  Intro to Abnormal Psychology
PSYC 302  Behavior Principles
PSYC 351  Topics in Social Psychology
PSYC 364  Psychology of Adjustment
PSYC 382  Exceptional Children
PSYC 423  Cognition and Memory
PSYC 424  Learning and Behavior Theory
PSYC 425  Perception
PSYC 474  Behavior Modification
RDNG 421  Developmental Reading
RPTR 145  Recreatn Srvcs-SpecI Populatns
SOWK 147  Human Diversity
SOWK 151  Introduction to Social Work
SOWK 300  Social Welfare Policy/Servcs 1
SOWK 494  Seminar
SOCA 223  Death And Dying
SOCA 360  Women & Men In Society
SPED 304  SPED in Contemporary Society

Total Hours 86-88

Suggested Plan of Study

First Year

Fall

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
<th>Spring</th>
<th>Hours</th>
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<tr>
<td>SPA 199</td>
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<td>ENGL 102</td>
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<td>Foreign Language</td>
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<td>ECON 225</td>
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<td>PSYC 101</td>
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<td>Foreign Language</td>
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<td>LING 101</td>
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Second Year

Fall

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<tr>
<th>Course</th>
<th>Hours</th>
<th>Spring</th>
<th>Hours</th>
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<td>SPA 200</td>
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### Third Year

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<th>Spring Hours</th>
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<tr>
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<td>4 SPA 324</td>
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<tr>
<td>SPA 322</td>
<td>3 SPA 326</td>
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<td>SPA 342</td>
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<td>Abnormal Human Development course</td>
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<tr>
<td>SPA 390</td>
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<td>1 SPA 391</td>
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<tr>
<td>GEC Objective (select from objectives 5, 7, 8, or 9)</td>
<td>3 Abnormal Human Development course</td>
<td>3 Abnormal Human Development course</td>
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<td></td>
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### Fourth Year

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<td>CS 101</td>
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<td>SPA 485</td>
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Total credit hours: 128