Speech & Hearing Science Advising Packet

FROM THE UNDERGRADUATE ADVISING COORDINATOR

The purpose of this packet is to answer the questions you are most likely to have as you begin your career in Speech and Hearing Science. You ultimately have the responsibility of taking the courses that fulfill your Major, College, and University requirements, which will allow you to graduate in a timely fashion. This packet of information and your advisors in Speech and Hearing Science can only guide you. Students must use the Arizona State University General Catalog as their main source of information about degree requirements. You must read it very carefully. If you do not have a catalog, you may obtain one at the University Bookstore. Whenever you meet with an SHS advisor, you should take this information packet, and the General Catalog to refer to. The Speech and Hearing Science Department has an undergraduate advisor in room LL B19A (965-4520), and an Advising Coordinator, Dr. Cook, room A117E (965-3863).

Good Luck in Your Academic Career!!!

It is your responsibility to meet all of the requirements for the completion of the degree.

The Bachelor of Science degree in Speech & Hearing Science (SHS) is offered through the College of Liberal Arts and Sciences (CLAS). This is an academic program with emphasis on the scientific study of speech, language, and hearing. This B.S. degree is preparatory for a Master's Degree program in Audiology or Speech/Language Pathology.

It is important that you familiarize yourself with graduation requirements for the (I) University, (II) College of Liberal Arts and Sciences, and the (III) Department of Speech & Hearing Science.

I. UNIVERSITY REQUIREMENTS

To graduate from ASU, a student must satisfy the University General Studies requirements in 5 core areas, AND in 3 awareness areas. Pass / Fail courses do not fulfill any of these requirements. The ASU General Catalog contains details on pages 84 to 108. The following is a summary of these requirements for the major in Speech and Hearing Science.

THE FIVE CORE AREAS ARE: (1) Literacy and Critical Inquiry, (2) Numeracy, (3) Humanities and Fine Arts, (4) Social and Behavioral Sciences, and (5) Natural Sciences and Mathematics.

1. Literacy and Critical Inquiry

University General Studies requires students to complete 6 hours of courses that fulfill the Literacy and Critical Inquiry requirement (L1, L2 in the General Catalog). This stipulates a sequence of two courses beyond ENG 101 & ENG 102 (First Year Composition). PSY 290 'Research Methods' is recommended for SHS majors; it also meets the L1 requirement.

2. Numeracy

University General Studies requires 6 hours in basic mathematics. Students in SHS must complete MAT 170 (Precalculus). This fulfills one of the University numeracy (N1) requirements. The N2 requirement is fulfilled by PSY 230 (Introduction to Statistics).

3. Humanities and Fine Arts/4. Social Behavioral Sciences
University General Studies requires 15 hours taken in Humanities and Fine Arts and Social Behavioral Sciences. If a student takes 6 hours of General Studies Humanities courses, s/he must complete 9 hours in General Studies courses that are designated as General Studies. For particular requirements within the 15 hour requirement, please refer to the 1998-99 ASU General Catalog, pages 85 and 86.

5. Natural Sciences and Mathematics

University General Studies requires 8 hours of lab science in Natural Sciences and Mathematics. SHS requirements mandate that SHS majors take BIO 201 (Human Anatomy and Physiology)(S2). SHS students also need to take PHY 101, 101L (Intro to Physics) (S1) since it is a prerequisite for SHS 311.

THE AWARENESS AREAS are: (1) Cultural Diversity, (2) Global Awareness, (3) Historical Awareness.

The University requires that courses be taken in each of the three awareness areas. Courses that are listed for a core and an awareness area may satisfy both requirements simultaneously. Completion of a traditional, spoken, foreign language to the 202 level fulfills the Global Awareness requirement. ASL (SHS 174,175,274,275) does not fulfill the Global Awareness requirement. Courses fulfilling the awareness areas are so designated in the General Catalog.

II. COLLEGE OF LIBERAL ARTS AND SCIENCE REQUIREMENTS

A student in CLAS must satisfy proficiency requirements in English, Mathematics and Foreign Languages, AND distribution requirements in Humanities and Fine Arts, Social and Behavioral Sciences, Natural Sciences and Mathematics. The ASU General Catalog contains details on pages 299 to 309. The following is a summary of these requirements for the major in Speech and Hearing Science.

PROFICIENCIES

Students must demonstrate proficiency in (1) English, (2) Mathematics, and (3) Foreign Language. Courses used to meet a proficiency requirement usually cannot be used to fulfill a distribution requirement. The one exception is that literature or civilization courses (300 level or higher) in a foreign language may be used to fulfill the Humanities and Fine Arts distribution requirements.

1. English

Students must complete a sequence of Freshman English courses, usually Eng 101, 102 (Freshman Composition). These courses are determined by your SAT/ACT scores. Consult with CLAS advisors (Social Sciences Building 111) for further details.

2. Foreign Language

Students in the CLAS are required to demonstrate proficiency in a foreign language at the intermediate level (202 or equivalent), OR pass a foreign language course at the 300 level or above taught exclusively in a foreign language; OR complete their secondary education at a school in which the language instruction was not English. SHS 174-275 now fulfills the foreign language requirement.

3. Mathematics

Students in SHS must complete MAT 170 (Precalculus).

DISTRIBUTION REQUIREMENTS
Courses must be taken in 1) Humanities and Fine Arts, 2) Social and Behavioral Sciences, and 3) Natural Science and Mathematics.

1. Humanities and Fine Arts

Students must take 5 courses of at least 3 credits each. At least three of the five must be taken from courses offered by the departments of Chicana and Chicano Studies (CSH prefix only), English (literature courses only), Humanities, Languages and Literatures (literature or civilization courses only), Philosophy, Religious Studies, and Women’s Studies* (WST 413, 464, and 470 only). Two of these three courses must be in upper division (300 or 400 Level). The remaining two courses may be taken from a range of courses from other departments. (See page 305 of the General Catalog for a complete list.)

2. Social and Behavioral Sciences

CLAS students must take 5 courses of at least 3 credits each from the departments of Anthropology (ASB only), Chicana and Chicano Studies (CSS only), Economics, Geography (GCU only), History, Honors College (172 only), Psychology (PGS only), Political Science, Sociology and the Women’s Studies Program* (except WST 413, 464, and 470). These 5 courses must be taken from at least 2 departments but no more than 3. Two of these 5 courses must be upper division.

3. Natural Sciences and Mathematics

Students must complete 14 hours in Natural Sciences and Mathematics. SHS majors are required to take BIO 201 (Human Anatomy and Physiology). They will also need to take PHY 101/101L (Intro to Physics) as the prerequisite for SHS 311. SHS majors are required to complete PSY 230 (Introduction to Statistics). PSY 290 (Research Methods) is recommended for SHS majors. The combination of these courses fulfills the CLAS Natural Science and Mathematics requirements.

III. SPEECH AND HEARING SCIENCE REQUIREMENTS

Students are required to complete 45 hours in the major, 40 of which are core, and 5 of which are elective. Core courses are SHS 250, 310, 311, 367, 375, 376, 384, 401, 402, 431, 450, 465, 470 and 496. Elective credit is selected from SHS 105, 174, 175, 274, 275, 485, 494, 499. Students are also required to take 14 credits in related courses. These are PGS 101, PSY 230, BIO 201. Students will also need to take PHY 101 since it is a prerequisite for SHS 311. The ASU General Catalog contains details on pages 392 and 393.

Many courses are offered only once a year, and students must observe the prerequisites for each course. The semester when the class is offered is indicated after the course number (F=Fall, S=Spring, SS=Summer Session, prq = prerequisite course, r = required core course). Below is a recommended sequence for taking these courses.

Year 1

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
<th>Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAT 170r</td>
<td>Precalculus Algebra and Trigonometry</td>
<td>3</td>
<td>F,S,SS</td>
</tr>
<tr>
<td>PGS 101r</td>
<td>Introduction to Psychology</td>
<td>3</td>
<td>F,S,SS</td>
</tr>
<tr>
<td>SHS 105</td>
<td>Survey of Communication Disorders</td>
<td>3</td>
<td>F,S</td>
</tr>
<tr>
<td>SHS 174</td>
<td>American Sign Language I</td>
<td>4</td>
<td>F,S,SS</td>
</tr>
<tr>
<td>SHS 175</td>
<td>American Sign Language II</td>
<td>4</td>
<td>F,S,SS</td>
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Year 2

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
<th>Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO 201r</td>
<td>Human Anatomy &amp; Physiology</td>
<td>4</td>
<td>F,S,SS</td>
</tr>
<tr>
<td>PHY 101</td>
<td>Intro to Physics</td>
<td>4</td>
<td>F,S,SS</td>
</tr>
</tbody>
</table>

(Note: required for SHS 311)
Prerequisite: MAT 170

**PSY 230r** Introduction to Statistics (3) F,S,SS
Prerequisite: MAT 117 & PGS 101

**PSY 290** Research Methods (4) (recommended) F, S, SS.
Prerequisite: PGS 101 and PSY 230

**SHS 250 r** Introduction to Phonetics (3) F, S, SS
**SHS 274** American Sign Language III (4) F, S, SS (for elective credit)
**SHS 275** American Sign Language IV (4) F, S, SS (for elective credit)

**Year 3**

**FALL**

**SHS 310 r** Anatomical & Physiological Bases of Speech (3) F (prq BIO 201)
**SHS 311 r** Physical & Physiological Bases of Hearing (3) F (prq PHY 101, BIO 201)
**SHS 367 r** Language Science (3) F

**SPRING**

**SHS 375 r** Speech Science (3) S (prq = SHS 310, 311)
**SHS 376 r** Psychoacoustics (3) S (prq = SHS 311)
**SHS 465 r** Language Acquisition (3) S (prq = SHS 367)

**Year 4**

**FALL**

**SHS 384 r** Introduction to Hearing Disorders (3) F (prq = SHS 311, 376)
**SHS 401 r** Introduction to Audiologic Evaluation (3) F, SS (prq = SHS 311, 376, 384)
**SHS 431 r** Developmental Speech Disorders (3) F (prq = SHS 250, 310)
**SHS 470 r** Developmental Language Disorders (3) F (prq = SHS 465)

**SPRING**

**SHS 402 r** Methods of Modifying Communicative Behavior (3) S (prq = SHS 250)
**SHS 450 r** Observation (1) F, S (prq = instructor approval)
**SHS 496 r** Aural Rehabilitation (3) S (prq = SHS 375, 401)

**Other Possible Elective Courses**

**SHS 320** Facil. Lang. Dev. in Early Childhood (3) F
**SHS 385** Acquired Speech and Language Disorders (3) S (prq 250, 310)
**SHS 494** Special Topics (variable credits 1-3) F, S, SS
**SHS 499** Independent Study (variable credits 1-3) F, S, SS

NOTE: SHS 494, 499 must be the result of a special agreement between a faculty member and a student. Students should not register for 494 or 499 without such an agreement.
### SPEECH AND HEARING SCIENCE CORE COURSES CHECKLIST

**REQUIRED CORE = 40 TOTAL SEMESTER HOURS:**

<table>
<thead>
<tr>
<th>Course</th>
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<th>Offered</th>
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<tbody>
<tr>
<td>SHS 250</td>
<td>Introduction to Phonetics (3) F, S, SS</td>
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<tr>
<td>SHS 310</td>
<td>Anatomical &amp; Physiological Bases of Speech (3) F</td>
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<tr>
<td>SHS 311</td>
<td>Anatomical &amp; Physiological Bases of Hearing (3) F</td>
<td></td>
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<tr>
<td>SHS 367</td>
<td>Language Science (3) F</td>
<td></td>
<td></td>
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<tr>
<td>SHS 375</td>
<td>Speech Science (3) S</td>
<td></td>
<td></td>
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<tr>
<td>SHS 376</td>
<td>Psychoacoustics (3) S</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SHS 384</td>
<td>Introduction to Hearing Disorders (3) F</td>
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<tr>
<td>SHS 401</td>
<td>Introduction to Audiologic Evaluation (3) F, SS</td>
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<td>Methods of Modifying Communications Behavior (3) S</td>
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<td>SHS 431</td>
<td>Developmental Speech Disorders (3) F</td>
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<tr>
<td>SHS 450</td>
<td>Observation (1) F, S</td>
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<tr>
<td>SHS 465</td>
<td>Language Acquisition (3) S, SS</td>
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<td>SHS 496</td>
<td>Aural Rehabilitation (3) S</td>
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**POSSIBLE ELECTIVES = MINIMUM OF 5 TOTAL SEMESTER HOURS:**

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<tbody>
<tr>
<td>SHS 105</td>
<td>Survey of Communication Disorders (3) F, S</td>
<td></td>
<td></td>
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<tr>
<td>SHS 320</td>
<td>Facil. Lang. Dev. in Early Childhood(3) F</td>
<td></td>
<td></td>
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<tr>
<td>SHS 485</td>
<td>Acquired Speech and Language Disorders (3) S</td>
<td></td>
<td></td>
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<tr>
<td>SHS 494</td>
<td>Special Topics (variable credit) F, S, SS</td>
<td></td>
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<tr>
<td>SHS 499</td>
<td>Independent Study (variable credit) F, S, SS</td>
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<tr>
<td>SHS 174</td>
<td>American Sign Language I (4) F, S, SS</td>
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<tr>
<td>SHS 175</td>
<td>American Sign Language II (4) F, S, SS</td>
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<tr>
<td>SHS 274</td>
<td>American Sign Language III (4) F, S, SS</td>
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<tr>
<td>SHS 275</td>
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**NOTE:** SHS 275 **DOES NOT** count as Global Awareness requirement and IF ASL IS YOUR SECOND LANGUAGE, NONE OF THE ASL CLASSES MAY BE COUNTED AS SHS ELECTIVES

**Required Related Courses:**

- PGS 101 Introduction to Psychology (3) F,S,SS
- MAT 170 Precalculus Algebra and Trigonometry (3) F,S,SS
- BIO 201 Human Anatomy & Physiology (4) F,S,SS
- PSY 230 Introduction to Statistics (3) F,S,SS

**Recommended Related Courses:**

- PSY 290 Research Methods (4) F, S, SS.
- PHY 101 Intro to Physics (4) F,S,SS (Prereq for SHS311)

**GRADUATION REQUIREMENTS:**

* 120 Semester Hours
* Minimum GPA of 2.0
* 45 semester hours of upper division courses
* Final 12 semester hours preceding graduation must be taken at ASU
* Maximum of 64 transfer hours from a community college