Speech and Hearing 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 to 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, the General Catalog, transfer credit transcripts, and any other important information to use as a reference during your meeting. The Speech and Hearing Science Department has undergraduate advisors located in room LL 648D (965-4520), and an Advising Coordinator, Ingrid McBride, in room LL 173I (965-0614).

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 and Hearing Science (SHS) is offered through the College of Liberal Arts and Sciences (CLAS). This is an academic program with an 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 and Language Pathology.

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

I. UNIVERSITY REQUIREMENTS

To graduate from ASU, a student must satisfy the University General Studies requirement 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 78-80. The following is a summary of these requirements and how they apply to the major in Speech Hearing Science.

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

1. Literacy and Critical Inquiry (L)

University General Studies requires students to complete 6 hours of courses, 3 of which must be upper division, that fulfill the Literacy and Critical Inquiry requirement (designated L in the General Catalog). This stipulates a sequence of two courses beyond ENG 101 and 102 or ENG 105 (First Year Composition). ENG 101, 102 or 105 must be completed prior to taking an “L” course. It is suggested that literacy courses be selected which also fulfill 1 or 2 of the awareness categories listed below.

2. Mathematical Studies/Numeracy (MA, CS)

University General Studies requires 6 hours in basic mathematics including 3 hours in a course designated MA and 3 hours in a course designated CS. Students in SHS must complete PSY 230 (Introduction to Statistics). This fulfills the CS requirement. The MA requirement must be completed by the time the student has reached 30 credit hours or immediately thereafter. MAT 117 or 170 are suggested courses to fulfill this requirement.
3. Humanities and Fine Arts/4. Social Behavioral Sciences (HU, SB)

University General Studies requires a total 15 hours to be completed in Humanities and Fine Arts and in Social Behavioral Sciences (designated HU and SB in the General Catalog). If a student takes 6 hours of General Studies Humanities courses, s/he must complete 9 hours in General Studies courses that are designated General Studies Social Behavioral Science or vice versa. SHS students are required to take PGS 101, SHS 367, and SHS 465, all of which meet the requirement for Social Behavioral Sciences. Thus, SHS majors will take 9 hours of University Social Behavioral and 6 hours of University Humanities. For more information please refer to the University General Catalog, page 79. It is suggested that courses selected to fulfill the humanities requirement also be selected to meet 1 or 2 of the awareness areas listed below.

5. Natural Sciences (SG, SQ)

University General Studies requires 8 hours of lab science in Natural Sciences. SHS requirements mandate that SHS majors take BIO 201 (Human Anatomy and Physiology) and PHY 101, 101L (Intro to Physics and lab). These are both prerequisites for at least one SHS class. The BIO 201 satisfies the SG (natural science—general) designation and PHY 101 satisfies the SQ (natural science—quantitative) designation.

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. A single course may satisfy 1 core and 1 or 2 awareness areas but never more than 1 core area simultaneously. Completion of a traditional, spoken, foreign language to the 202 level fulfills the Global Awareness requirement. ASL (SHS 101-102) does not fulfill the Global Awareness requirement. Courses fulfilling the awareness areas are designated by a G, C, or H in the General Catalog.

First Year Composition Requirement

Students must take ENG 101 and 102; or ENG 107 and 108; or ENG 105 with a grade of C or better. These courses must be completed before taking a course designated L.

II. COLLEGE OF LIBERAL ARTS AND SCIENCE REQUIREMENTS

A student in CLAS must satisfy requirements in 4 areas: (1) Humanities and Fine Arts, (2) Social Behavioral Sciences, (3) Natural Sciences and Mathematics, and (4) Second Language Proficiency. Courses used to fulfill the CLAS Humanities, Social Behavioral Sciences, Natural Sciences and Mathematics requirements cannot be used to fulfill the University General Studies requirements. In addition, each student is required to complete a 3 credit-hour Bridge Course to be selected from a list of approved courses. The ASU General Catalog contains details on pages 316-327.

1. Humanities 2. Social Behavioral Sciences

Because SHS majors will take 9 hours of University Social Behavioral Science, they need 6 hours of CLAS Social Behavioral Science, all of which must be upper division. Because SHS majors will take 6 hours of University Humanities, they need to take 6 hours of CLAS Humanities, all of which must be upper division, plus one Bridge Course. Only certain course prefixes may be used for credit in the CLAS. The prefixes for approved humanities courses include: AFH, CSH, literature courses (ENG, CHI, FLA, FRE, GER, ITA, JPN, LAT, POR, RUS, SCA, SPA), HUM, PHI, HPS, REL, and WSH. The prefixes for approved social behavioral science courses include: AFS, ASB, CSS, ECN, GCU, HIS, POS, PGS, SOC, and WST (except WST 413, 464, 470). Approved courses to complete the Bridge Course requirement are BIO 311, BIO 427, ENG 312, ENG 494, EPE 452, GPH 314, GCU 344, GPH 405, GPH 422, HST 460, SCA 250, PLB 320/BIO 319, PSY 424, PSY 425, PSY 426, PSY 470, REL 379, REL 382, REL 390, REL 480, SOC 334,
SOC 390, SOC 420, SOC 451, and SOC 483. Please see the General Catalog, pages 320-321, for more information.

3. Natural Sciences and Mathematics

Students must complete 6 hours of Natural Sciences and Mathematics. SHS majors are required to take MAT 170 (Precalculus) and PSY 230 (Intro to Statistics), which can be used to fulfill the University MA requirement. Additionally, students are strongly advised to take PSY 290 (Research Methods), which can be used to meet CLAS natural science & mathematics requirements. Other approved prefixes for these courses include: ASM, BIO, CHM, BCH, CSE, GPH, GLG, MAT, STP, MIC, MBB, PHY, AST, PHS, PLB, and PSY.

4. Foreign Language Proficiency

Students in 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 101-202 now fulfills the language requirement.

III. SPEECH AND HEARING SCIENCE REQUIREMENTS

Students are required to complete 43 hours in the major, 40 of which are core, and 3 of which are elective. Core courses are SHS 250, 310, 311, 367, 375, 376, 384, 401, 402, 450, 465, and 496. Additionally, two of the three following courses must be taken: SHS 431, 470 and 485. Elective credit is selected from SHS 105, 101, 102, 201, 202, 320, 394, 494, and 499 or whichever of 431, 470, and 485 was not taken as a required course. ASL (SHS 101-102) cannot be used to meet elective requirements if it is used to meet the CLAS Foreign Language Proficiency requirement.

Students are also required to take 17 hours in related courses. These courses are MAT (Precalculus), PGS 101 (Introduction to Psychology), PSY 230 (Introduction to Statistics), BIO 201 (Human Anatomy and Physiology, lab), and PHY 101, 101L (Introduction to Physics, Physics lab). These courses will also fill various University or CLAS requirements. The ASU General Catalog contains details on pages 449-451

ATTENTION: Many courses are offered only once a year, and students must observe the prerequisites for each course. Additionally, the ASL courses are heavily enrolled in. Therefore, students should allow approximately 6 semesters to complete the language proficiency requirement in planning for graduation.

Below is a recommended sequence for taking these courses. Please note that this is only a suggestion and will likely need to be adapted for each individual. The semester when the class is typically offered is indicated after the course number (F = Fall, S = Spring, SS = Summer Session, prq = prerequisite course, r = required course). Consult the most recent schedule of classes to confirm course offerings each semester.

YEAR 1

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Credits</th>
<th>Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAT 170r</td>
<td>Precalculus Algebra and Trigonometry (3) F, S, SS</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>SHS 105</td>
<td>Survey of Communication Disorders (3) F, S</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>SHS 250r</td>
<td>Introduction to Phonetics (3) F, S</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>LANGUAGE</td>
<td>101 level to meet language requirement</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>LANGUAGE</td>
<td>102 level</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>ENG 101/102</td>
<td>First year composition requirement</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>HUMANITIES</td>
<td>6 credit hours Lower division (select course to also meet 1 or 2 awareness areas)</td>
<td>6</td>
<td></td>
</tr>
<tr>
<td>SCI/MATH</td>
<td>3 credit hours (select from list of approved prefixes)</td>
<td>3</td>
<td></td>
</tr>
</tbody>
</table>
YEAR 2
BIO 201r  Human Anatomy and Physiology (4) F, S, SS
PHY 101r  Intro to Physics (4) F, S, SS (required for SHS 311) (prq MAT 170)
PSY 230r  Introduction to Statistics (3) F, S, SS
PSY 290  Research Methods (4) (recommended) F, S, SS (prq PGS 101, PSY 230)
PGS 101r  Introduction to Psychology (3) F, S, SS
LANGUAGE  201 level
LANGUAGE  202 level
LITERACY  3 credit hours Lower Division (select course that also meets 1 or 2 awareness areas)

YEAR 3
FALL
SHS 310r  Anatomical & Physiological Bases of Speech F (prq BIO 201)
SHS 311r  Physical & Physiological Bases of Hearing F (prq PHY 101, BIO 201)
SHS 367r  Language Science (3) F
SHS 402r  Methods of Modifying Communicative Behavior (3) F (prq SHS 250)
LITERACY  3 credit hours UPPER division (select course that also meets 1 or 2 awareness areas if needed)
HUMANITIES  3 credit hours UPPER division (select courses that also meet 1 or 2 awareness areas if needed)
SOCIAL/BEH  3 credit hours UPPER division
ELECTIVE  SHS or CLAS 3 credit elective

SPRING
SHS 375r  Speech Science (3) S (prq SHS 310, 311)
SHS 376r  Psychoacoustics (3) S (prq SHS 311)
SHS 465r  Language Acquisition (3) S (prq SHS 367)
HUMANITIES  3 credit hours UPPER division (select courses that also meet 1 or 2 awareness areas if needed)
SOCIAL/BEH  3 credit hours UPPER division
ELECTIVE  SHS or CLAS 3 credit elective

YEAR 4
FALL
SHS 384r  Introduction to Hearing Disorders (3) F (prq SHS 311, 376)
SHS 401r  Introduction to Audiologic Evaluation (3) F, SS (prq SHS 311, 376, 384)
SHS 431*  Developmental Speech Disorders (3) F (prq SHS 250, 310)
SHS 470*  Developmental Language Disorders (3) F (prq SHS 465)

SPRING
SHS 450r  Observation (1) F, S (prq instructor approval)
SHS 496r  Aural Rehabilitation (3) S (prq SHS 375, 401)
SHS 485*  Acquired Speech and Language Disorders (3) S (prq 250, 310)
BRIDGE  Select 3 credit hour bridge course from approved list

Other Possible Elective Courses

SHS 494  Special Topics (variable credits 1-3) F, S, SS
SHS 499  Independent Study (variable credit 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.

* You must take two of the following 3 courses as required by your major: SHS 431, 470, 485. If you are considering audiology as a career, you should take SHS 431 and 470 to fulfill ASHA requirements.
GRADUATION REQUIREMENTS

* 120 Semester hours
* Minimum GPA of 2.0
* 45 Semester hours of upper division courses
* Maximum of 64 transfer hours from a community college
## Minor in Speech and Hearing Sciences

The minor is Speech and Hearing Science consists of 24 Semester Hours with the following classes required:

<table>
<thead>
<tr>
<th>Prefix</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>SHS 105</td>
<td>Survey of Communication Disorders</td>
<td>(3)</td>
</tr>
<tr>
<td>SHS 250</td>
<td>Phonetics</td>
<td>(3)</td>
</tr>
<tr>
<td>SHS 310</td>
<td>A &amp; P Bases of Speech</td>
<td>(3)</td>
</tr>
<tr>
<td>SHS 311</td>
<td>A &amp; P Bases of Hearing</td>
<td>(3)</td>
</tr>
<tr>
<td>SHS 367</td>
<td>Language Science</td>
<td>(3)*and/or</td>
</tr>
<tr>
<td>SHS 375</td>
<td>Speech Science</td>
<td>(3)*and/or</td>
</tr>
<tr>
<td>SHS 376</td>
<td>Psychoacoustics</td>
<td>(3) *</td>
</tr>
</tbody>
</table>

*Student must take at least one of the above three classes*

The remainder of the 24 SHS credits must come from the following courses:

<table>
<thead>
<tr>
<th>Prefix</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>SHS 384</td>
<td>Hearing Disorders</td>
<td>(3)</td>
</tr>
<tr>
<td>SHS 401</td>
<td>Introduction to Audiological Evaluation</td>
<td>(3)</td>
</tr>
<tr>
<td>SHS 402</td>
<td>Modifying Communicative Behavior</td>
<td>(3)</td>
</tr>
<tr>
<td>SHS 431</td>
<td>Developmental Speech Disorders</td>
<td>(3)</td>
</tr>
<tr>
<td>SHS 465</td>
<td>Speech and Language Acquisition</td>
<td>(3)</td>
</tr>
<tr>
<td>SHS 470</td>
<td>Developmental Language Disorders</td>
<td>(3)</td>
</tr>
<tr>
<td>SHS 485</td>
<td>Acquired Speech and Language Disorders</td>
<td>(3)</td>
</tr>
<tr>
<td>SHS 496</td>
<td>Aural Rehabilitation</td>
<td>(3)</td>
</tr>
</tbody>
</table>

Note: *Students must complete appropriate prerequisites before enrolling in any SHS class.*
*Please consult your college for specific procedures.*