B.A. HUMAN BIOLOGY

SPEECH-LANGUAGE-HEARING

Use this check sheet with your DPR.

To learn about requirements for admission to the major, please visit: http://humanbio.ku.edu/admission

KU CORE REQUIREMENTS See https://kucore.ku.edu/fullfilling-the-core for approved KU Core courses and/or experiences. PSYC 104 recommended.

Goal 1. Critical Thinking & Quantitative Literacy Outcome 1 (Can be satisfied by degree reqs.) Outcome 2 (Can be satisfied by degree reqs.)
Goal 2. Communication Outcome 1 ☐ ☐ (2 units of Outcome 1 satisfied by "First-year Writing" BA degree req of ENGL 101/equiv ACT/SAT/AP* and "Critical Reading & Writing" BA degree req of ENGL 102/105/AP)
Goal 3. Breadth of Knowledge Arts & Humanities ☐ Social Sciences ☐ Natural Sciences (Can be satisfied by degree reqs.)
Goal 4. Culture & Diversity Outcome 1 ☐ Outcome 2 ☐
Goal 5. Social Responsibility & Ethics ☐
Goal 6. Integration & Creativity (Can be satisfied by degree reqs.)

Second Language Proficiency/Third-level & Additional Foreign Language Course. ☐ (☐) Demonstrate equivalent of initial 4 semesters in a language other than English OR demonstrate equivalent of initial 3 semesters of study in one language AND the equivalent of the initial semester of study in another language.
* Students who place in ENGL 102/105 by examination must complete ENGL 102/105 and another course meeting Goal 2, Learning Outcome 1 of the KU Core.

GENERAL SCIENCE REQUIREMENTS (min 33 h)
BIOL 105 Biology Orientation Seminar (1) ☐ CHEM 130 Chemistry I (5) ☐
ANTH 304 Fund Physical Anthropology (3−4) ☐ CHEM 135 Chemistry II (5) ☐
BIOL 150/151 Prin Molecular & Cell Biol (4) ☐ PHSX 114 College Physics I (4) OR PHSX 211+216 General Physics I (5) ☐
BIOL 152/153 Prin Organismal Biology (4) ☐ BIOL 570 Intro Biostatistics (3) OR PSYC 210 Statistics Psychol Research ☐
MATH 115 & 116 Calculus I & II (6) OR MATH 121 Calc I (5) OR MATH 125 Calc I (4)

SPEECH-LANGUAGE-HEARING CONCENTRATION REQUIREMENTS (min 30 h)
SPLH 120 Physics of Speech (4) OR PHSX 115 Col Physics II (4) ☐ BIOL 350/360 Principles of Genetics (4) ☐
SPLH 660 Research Methods Human Communication (3) ☐ BIOL 599 Senior Seminar: Human Biology (1) (must be taken Sr yr) ☐

Complete 2 of the 4 categories below:

- Development & Genetics Category (9 h):
  ☐ ☐ (☐) 6 h selected from the following: ANTH 762 Human Growth & Development (3); BIOL 405 Lab in Genetics (2); BIOL 416 Cell Structure & Function (3); BIOL 595 Human Genetics (3); BIOL 655 Behavioral Genetics (3); PSYC 333 Child Development (3); PSYC 430 Cognitive Development (3); SPLH 464/764 Undergraduate Seminar in: Infant Development (2); SPLH 466 Language Science (3); SPLH 566 Language Development (3)

- Anatomy & Physiology Category (10 h):
  ☐ ☐ 6 h selected from the following: BIOL 440 Advanced Human Anatomy (lect & lab) (6); BIOL 647 Mammalian Physiology Lab (2); SPLH 462 or 662 Principles of Speech Science (3); SPLH 463 or 663 Principles of Hearing Science (3)

- Neuroscience Category (9 h):
  ☐ ☐ 6 h selected from the following: BIOL 435 Intro Neurobiology (3); PSYC 370 Behavioral Neuroscience (3); PSYC 375 or 475 Cognitive Neuroscience (3); PSYC 380 Clinical Neuroscience (3); SPLH 320 Communicating Brain: Ultmt Prsln Computer (3); SPLH 464 Undergrad Seminar: Neural Bases of Speech & Voice (2); SPLH 464 Undergrad Seminar: Speech Motor Control

- Research Practicum (9 h)*:
  ☐ ☐ 9 h selected from the following: SPLH 464 Undergrad Seminar: Circuit Theory & Bioinstrumentation; SPLH 449 Lab/Field Work in Human Biology (Topics: orofacial neurophysiology; deep brain stimulation in progressive neuromotor disease; perceptual neuroscience and functional brain imaging; neuroscience of the premature human infant; brain-behavior mapping of language); SPLH 499 Directed Study in SPLH

- Completing the minimum General Science and major requirements set forth above results in 63 overall h and 29 Jr/Sr h. Double majors must complete ≥ 15 h in the major (i.e., not in Core Reqs or General Science Reqs) that are unique to that major. 63 h ☐ 29 Jr/Sr h ☐
- At least 120 h (of which 45 must be Jr/Sr h)—courses numbered 300 or above—must be completed for graduation. 120 h ☐ 45 Jr/Sr h ☐

SPLH courses are recommended for the Speech-Language-Hearing concentration for fulfilling the requirements in each area.
* Research practicum courses must be arranged with the course instructor prior to enrollment.

5/7/2015