

# B.A. HUMAN BIOLOGY

## APPLIED BEHAVIORAL SCIENCE

Use this check sheet with your DPR.

**KU CORE REQUIREMENTS** See <https://kucore.ku.edu/fulfilling-the-core> for approved KU Core courses and/or experiences. ABSC 100 & 150 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.)  
 Outcome 2
- 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 34 h)**

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|--|--|
| BIOL 105 Biology Orientation Seminar (1) <input type="checkbox"/>                                | CHEM 130 Chemistry I (5) <input type="checkbox"/>  |
| ANTH 345 Intro Human Evolutionary Biol (4) <input type="checkbox"/>                              | CHEM 135 Chemistry II (5) <input type="checkbox"/>   |
| BIOL 150/151 Prin Molecular & Cell Biol (4) <input type="checkbox"/>                             | PHSX 114 College Physics I (4) <b>OR</b> PHSX 211+216 Gen Physics I (5) <input type="checkbox"/>         |
| BIOL 152/153 Prin Organismal Biology (4) <input type="checkbox"/>                                | BIOL 570 Intro Biostatistics (4) <b>OR</b> PSYC 210 Statistics Psychol Research <input type="checkbox"/> |
| MATH 115 & 116 Calculus I & II (6) <b>OR</b> <input type="checkbox"/> ( <input type="checkbox"/> | (3) <b>OR</b> MATH 365 Elementary Statistics (3) <input type="checkbox"/>                                |
| MATH 125 Calc I (4) <input type="checkbox"/>   |  |

**APPLIED BEHAVIORAL SCIENCE CONCENTRATION REQUIREMENTS (min 33 h)**

- |   |   |
|---|---|
| BIOL 350/360 Principles of Genetics (4) <input type="checkbox"/>                | ABSC 308 Research Methods & Application (4) <input type="checkbox"/>                      |
| ABSC 100 Intro Applied Behavioral Science (3) <input type="checkbox"/>          | BIOL 599 Senior Seminar: Human Biology (1) (must be taken Sr yr) <input type="checkbox"/> |
| ABSC 160 Intro Child Behav & Development (3) <b>OR</b> <input type="checkbox"/> |   |
| PSYC 333 Child Development (3) <input type="checkbox"/>                         |   |

**Complete 2 of the 4 categories below:**

**- Applied Behavioral Science Category (9 h):**

- ABSC 304 Principles & Procedures of Behavior Modification & Therapy (3) **AND**
- 6 h selected from the following:** ABSC 150 Community Leadership (3); ABSC 310/311 Building Healthy Communities (3); ABSC 350 Behavioral Treatment of Children with Autism (3); ABSC 410 Behavioral Approaches in Working with Adolescents (3); ABSC 437 Independent Living and People with Disabilities (3)

**- Development: Typical and Atypical Category (9 h):**

- ABSC 632 Advanced Child Behavior and Development (3)\* **AND**
- 6 h selected from the following:** ABSC 535 Developmental Psychopathology (3); ABSC 565 Applied Developmental Psychology (3); BIOL 417 Biology of Development (3)

\*Ask an advisor if you have problems finding this class.

**- Biology of Behavior Category (9 h):**

- BIOL 408 Physiology of Organisms (3) (discontinued as of Fall 2017; BIOL 644 or BIOL 544 Comparative Animal Physiology can substitute) **AND**
- 6 h selected from the following:** ANTH 542 Biology of Human Nutrition (4); BIOL 435 Intro Neurobiology (3); BIOL 440 Advanced Human Anatomy (lect & lab) (6); BIOL 454 Brain Diseases & Neurological Disorders (3); BIOL 546 Mammalian Physiology (3) (formerly BIOL 646 for 4 h); BIOL 647 or BIOL 547 Mammalian Physiology Lab (2); BIOL 655 Behavioral Genetics (3); PSYC 370 Behavioral Neuroscience (3); PSYC 380 Clinical Neuroscience (3)

**- Evolution, Culture, & Behavior Category (10 h):**

- BIOL 412 Evolutionary Biology (4) **AND**
- 6 h selected from the following:** ANTH 341 Human Evolution (3); ANTH 415 Rise of Civilization (3); ANTH 650 Human Reprod: Biol & Behav (3); ANTH 661 Cultural Dynamics (3); BIOL 428 Introduction to Systematics (3); BIOL 625 Behavioral Ecology & Sociobiology (3); BIOL 652 Comparative Animal Behavior (3)

- **Completing the minimum General Science and major requirements** set forth above results in **67 overall h** and **28 Jr/Sr h**. Double majors must complete  $\geq 15$  h in the major (i.e., not in Core Req or General Science Reqs) that are *unique* to that major. **67 h**  **28 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**

All students are encouraged to take BIOL 412 Evolutionary Biology. Although space is limited, an ABSC research practicum course is strongly recommended (e.g., ABSC 499, ABSC 679, ABSC 698). ABSC courses are suggested for fulfilling the requirements of the ABSC concentration, but students are encouraged to explore the offerings of other departments in the Human Biology Program.