B.A. HUMAN BIOLOGY

BIOLOGY

Use this check sheet with your Degree Progress Report (DPR).

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 101/103/106/103AP* and “Critical Reading & Writing” BA degree req of ENGL 102/105/105AP)

Outcome 2

Goal 3. Breadth of Knowledge Arts & Humanities Social Sciences Natural Sciences (Can be satisfied by degree reqs.)

Goal 4. Culture & Diversity

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 (3–4)** OR PSYC 210 Statistics Psychol Research

MATH 115 & 116 Calculus I & II (6) OR MATH 125 Calc I (4)

* Online only as of Spring 2017 for 3 h. Ask a human biology advisor for possible substitutes.

** BIOL 570 is recommended for the Biology concentration. BIOL 570 increased to 4 h beginning Fall 2017.

BIOL CONCENTRATION REQUIREMENTS (min 32 h)

CHEM 310 Fund Organic Chem (3) OR PHSX 115 Col Physics I (4) OR PHSX 212+236 General Physics II (4)

CHEM 330 Organic Chem I (3) OR BIOL 350/360 Principles of Genetics (4)

CHEM 331 Organic Chem I Lab (2) OR BIOL 599 Senior Seminar: Human Biology (1) (must be taken Sr yr)

Complete 2 of 4 categories below. Course selections must include ≥ 3 h of lab credit, 400-level or above: ______ (lab h) ______ (lab h)

- Development and Genetics Category (9 h):
  ☐ BIOL 417 Biology of Development (3) AND
  ☐ ☐( ) 6 h selected from the following: ABC/PSCY 535 Developmental Psychopathology (3); 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); BIOL 688 Molecular Biology of Cancer (3); PSYC 333 Child Development (3); PSYC 430 Cognitive Development (3); PSYC 531 Language Development (3); SPLH 566 Language Development (3)

- Anatomy and Physiology Category (10 h):
  ☐ BIOL 546 Mammalian Physiology (3) (formerly BIOL 646 for 4 h) AND
  ☐ ☐( ) 6 h selected from the following: ANTH 542 Biology Human Nutrition (4); ANTH 648 Human Osteology (4); BIOL 435 Intro Neurobiology (3); BIOL 440 Advanced Human Anatomy (lect & lab ) (6); BIOL 600 Introd Biochemistry (3); BIOL 637 Introd Biochemistry Lab (2); BIOL 647 or BIOL 547 Mammalian Physiology Lab (2); PSYC 370 Behavioral Neuroscience (3); PSYC 375 or PSYC 475 Cognitive Neuroscience (3); PSYC 380 Clinical Neuroscience (3)

- Evolution, Ecology, and Adaptation Category (10 h):
  ☐ BIOL 412 Evolutionary Biology (4) AND
  ☐ ☐ 6 h selected from the following: ANTH 340 Human Variation & Evolution (3); ANTH 341 Human Evolution (3); ANTH 350 Human Adaptation (3); ANTH 652 Population Dynamics (3); BIOL 410 Human Biogeography, Honors (3); BIOL 414 Prin Ecology (3); BIOL 668 Evolutionary Ecology (3); PSYC 555 Evolutionary Psychology (3)

- Human Disease Category (9 h):
  ☐ BIOL 400/401 Fundamentals of Microbiology (3-4) AND
  ☐ ☐( ) 6 h selected from the following: BIOL 402 Microbiology Lab (2); ANTH 555 Evolution of Human Diseases (3); BIOL 503 Immunology (3); BIOL 504 Immunology Lab (2); BIOL 506 Infectious Diseases (3); BIOL 507 Pathogenic Microbiology Lab (2); BIOL 512 General Virology (3); BIOL 513 Virology Lab (2); BIOL 518 Microbial Genetics (3); BIOL 519 Microbial Genetics Lab (2); BIOL 595 Human Genetics (3); BIOL 616 Medical Entomology (3); BIOL 688 Molecular Biology of Cancer (3)

• Completing the minimum General Science and major requirements set forth above results in 65 overall h and 31 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.

65 h ☐ 31 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 ☐