KU Undergraduate Biology Program (www.kuub.ku.edu)

B.A. HUMAN BIOLOGY

BIOLOGY

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

☐ To learn about requirements for admission to the major, please visit the online course catalog: http://catalog.ku.edu/201314/schools/clas/departments/biol/admission

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

Goal 1. Critical Thinking & Quantitative Literacy Outcome 1 ☐ Outcome 2 (Can be satisfied by degree reqs.)

Goal 2. Communication Outcome 1 ☐ Outcome 2 (2 units of Outcome 1 satisfied by “First-year Writing” BA degree req of ENGL 101/eqv 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 ☐

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 core meeting Goal 2, Learning Outcome 1 of the KU Core.

GENERAL SCIENCE REQUIREMENTS (min 33 h)

ANTH 304 Fund Physical Anthropology (3-4) ☐ CHEM 130 Chemistry I (5) ☐
BIOL 150/151 Prin Molecular & Cell Biol (4) ☐ CHEM 135 Chemistry II (5) ☐
BIOL 152/153 Prin Organismal Biology (4) ☐ PHSX 114 College Physics I (4) OR PHSX 211+216 Gen Physics I (5) ☐
MATH 115 & 116 Calculus I & II (6) OR ☐ MATH 570 Intro Biostatistics (3)* OR PSYC 210 Statistics Psychol Research (3) ☐
MATH 121 Calculus I (5) ☐ OR MATH 365 Elementary Statistics (3)

*BIO 570 is recommended for the Biology concentration.

BIOL CONCENTRATION REQUIREMENTS (min 31 h)

CHEM 310 Fund Organic Chem (3) OR ☐ PHSX 115 Col Physics I (4) OR PHSX 212+236 Gen Physics II (4) ☐
CHEM 330 Organic Chem I (3) ☐ BIOL 350/360 Principles of Genetics (3-4) ☐
CHEM 331 Organic Chem I Lab (2) ☐ 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:

- Development and Genetics Category (9 h):
  ☐ BIOL 417 Biology of Development (3) AND
  ☐ ☐ (☐) 6 h selected from the following: ABSC/PSYC 535 Developmental Psychopathology (3); ANTH 762 Human Growth & Development (3); BIOL 405 Lab in Genetics (2); BIOL 416/536 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 646 Mammalian Physiology (4) 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 Intro Biochemistry (4); BIOL 637 Intro Biochemistry Lab (2); BIOL 647 Mammalian Physiology Lab (2); HSES 672 Exercise Physiology (3); PSYC 370 Behavioral Neuroscience (3); PSYC 380 Clinical Neuroscience (3); PSYC 475 Cognitive Neuroscience (3)

- Evolution, Ecology, and Adaptation Category (9 h):
  ☐ BIOL 412 Evolutionary Biology (3-4) 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) AND
  ☐ ☐ (☐) 6 h selected from the following: BIOL 402 Microbiology Lab (2); ANTH 450 Adaptation and Disease / ANTH 555 Evolution of Human Disease (3); BIOL 503 Immunology (3); BIOL 504 Immunology Lab (2); BIOL 506 Pathogenic Microbiology (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 64 overall h and 30 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. 64 h ☐ 30 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 ☐

3/15/2014