

BA HUMAN BIOLOGY

APPLIED BEHAVIORAL SCIENCE CONCENTRATION

At least **124 hrs.** (of which 45 must be Jr/Sr hrs.—courses numbered 300 or above) **must be completed for graduation.**

Completing the minimum requirements listed on this sheet will result in **121 overall hrs.** and **32 Jr/Sr hrs.**

Double majors must complete at least 15 hrs. unique to the major.

I. General College Requirements (min. 55 hrs.):

English (9 hrs.): ENGL 101 ____; ENGL 102 (or 105) ____;
ENGL 203 (or 205, 209, 210, 211); ____

Argument & Reason (3 hrs., one of following): ____
COMS 130, 230, PHIL 148, 310

Western Civilization (6 hrs.): HWC 204 (or 114) ____;
HWC 205 (or 115) ____

Principal Course Distribution Requirements: (see:
http://www2.ku.edu/~clasus/pnwc/principal_courses.shtml)

Humanities (9 hrs.):
(HT) _____, (HL) _____, (HR) _____

Social Science (9 hrs.):
(SC) _____, (SD)* _____, (SF)** _____

[*ABSC 100; **ABSC 150 recommended]

Non-Western Culture (3 hrs.): _____ (see:
http://www2.ku.edu/~clasus/pnwc/nonwest_culture_courses.shtml)

Foreign Language (16-20 hrs. or proficiency): _____,
_____, _____

(Math and Natural Science requirements are usually met by fulfilling the Human Biology requirements.)

II. General Science Requirements (min. 33 hrs.):

- ____ ANTH 304 Physical Anthropology (3-4 hrs.)
- ____ BIOL 150/151 Molecular & Cellular Biol. (4 hrs.)
- ____ BIOL 152/3 Principles of Organismal Biol. (4 hrs.)
- ____ MATH 115 + MATH 116 (6 hrs.) **OR**
- ____ MATH 121 (5 hrs.) Calculus I
- ____ CHEM 184 Foundations of Chemistry I (5 hrs.)
- ____ CHEM 188 Foundations of Chemistry II (5 hrs.)
- ____ PHSX 114 College Physics I **OR**
- ____ PHSX 211 General Physics I (4 hrs.)
- ____ BIOL 570 Intro. to Biostatistics (3 hrs.) **OR**
- ____ PSYC 300 Statistics/Psychol. Res. (3 hrs.) **OR**
MATH 365 Elem. Statistics (3 hrs.)

III. Applied Behavioral Science Concentration (min. 32 hrs.):

- ____ GENETICS (3 hrs.): BIOL 350, Principles of Genetics
- ____ BEHAVIORAL SCIENCE (3 hrs.): ABSC 100
Introduction to Applied Behavioral Science
- ____ DEVELOPMENT (3 hrs.): ABSC 160 Introduction to
Child Behavior and Development **OR** PSYC
333 Child Psychology

- ____ RESEARCH METHODS (4 hrs): ABSC 308 Research
Methods and Application
- ____ SEMINAR (1 hr): BIOL 599 Senior Seminar in Human
Biology (*must be taken in senior year*)

Complete two of the following four categories:

Applied Behavioral Science (9 hrs.)

- ____ ABSC 304 Principles and Procedures of Applied Behavior
Analysis and Therapy (3 hrs.) *and*
- ____ **Six hours selected from the following courses:** ABSC
150 Community Leadership and ABSC 310/311 Building
Healthy Communities (preq. ABSC 150); ABSC 350 The
Behavioral Treatment of Children with Autism; ABSC 410
Behavioral Approaches in Working with Adolescents; ABSC
437 Independent Living and People with Disabilities

Development: Typical and Atypical (9 hrs.)

- ____ ABSC 632 Adv. Child Behavior & Development (3 hrs.) *and*
- ____ **Six hours selected from the following courses:** ABSC
535 Developmental Psychopathology; ABSC 565 Applied
Developmental Psychology; BIOL 417 Biology of
Development; PSYC 510 Infant Behavior and Development

Biology of Behavior (9 hrs.)

- ____ BIOL 408 Physiology of Organisms (3 hrs.) *and*
- ____ **Six hours selected from the following courses:** ANTH
542 Biology of Human Nutrition; BIOL 435 Introduction to
Neurobiology; BIOL 440 Advanced Human Anatomy (lecture
and lab); BIOL 454 Brain Diseases & Neurological Disorders;
BIOL 646 Mammalian Physiology (lab, BIOL 647); PSYC
370 Brain & Behavior; PSYC 380 Brain & Pathology

Evolution, Culture, and Behavior (9 hrs.)

- ____ BIOL 412 Evolutionary Biology
- ____ **Six hours selected from the following courses:** ANTH
341 Human Evol.; ANTH 418 The Rise of Civilization;
ANTH 650 Human Reproductive Biol. & Behavior; ANTH
661 Cultural Dynamics; BIOL/GEOG 410 Human Biogeogr.;
BIOL 550 Intro. Systematics; BIOL 625 Behavioral Ecology
& Sociobiol.; BIOL 652 Comp. Animal Behavior

All students are encouraged to take BIOL 412 Evol. 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 ABS concentration, but students are encouraged to explore the offerings of other departments in the Human Biology Program.