

# BA HUMAN BIOLOGY

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## ANTHROPOLOGY CONCENTRATION

At least 124 hrs. (45 Junior/Senior hrs.) must be completed for graduation. Double majors must complete at least 15 hrs. unique to each major.

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

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

**Oral Communication/Logic** (3 hrs., one of following): COMS 130,  
COMS 230, PHIL 148, PHIL 310 **OR** Exemption/Exam \_\_\_\_

**Western Civilization** (6 hrs.): HWC 204 (or 114) \_\_\_\_ and  
HWC 205 (or 115) \_\_\_\_

**Principal Course Distribution Requirements:** (see *Timetable or Undergraduate Catalog and Timetable appendix for list*)

**Humanities** (9 hrs.):

(HT) \_\_\_\_\_, (HL) \_\_\_\_\_, (HR) \_\_\_\_\_

**Social Science** (9 hrs. including PSYC 104):

(SC) \_\_\_\_\_, (SI) **PSYC 104**, (SF) \_\_\_\_\_

**Non-Western Culture** (3 hrs.): \_\_\_\_\_ (see *Undergraduate Catalog and Timetable appendix for list*)

**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 (5hrs.)

\_\_\_\_ PHSX 114 College Physics I **OR** PHSX 211 General  
Physics I (4 hrs.)

\_\_\_\_ \*BIOL 570 Intro. Biostatistics (3 hrs.) **OR** PSYC 300  
Statistics/Psychol. Res. (3 hrs.) **OR** MATH 365  
Elem. Statistics (3 hrs.)

*\*BIOL 570 is recommended for the Anthropology Concentration*

### III. Anthropology Concentration (min. 30 hrs.):

\_\_\_\_ ORGANIC CHEMISTRY (3 hrs.): CHEM 622  
Fundamentals of Organic Chemistry **OR** CHEM  
624 Organic Chemistry I

\_\_\_\_ CHEM 625 Organic Chemistry I Lab (2 hrs.)

\_\_\_\_ CELL BIOLOGY (3 hrs.) BIOL 416 Cell Structure &  
Function

\_\_\_\_ GENETICS (3 hrs.): BIOL 350 Principles of Genetics  
\_\_\_\_ SEMINAR (1 hr.): BIOL 599 Senior Seminar in Human  
Biology (*must be taken in senior year*)

### Complete two of the following four categories:

#### Human Anatomy & Physiology (12 hrs.)

\_\_\_\_ BIOL 417 Biology of Development

\_\_\_\_ **Nine hours selected from the following courses:** ANTH  
542 Biology of Human Nutrition; ANTH 648 Human  
Osteology; ANTH 650 Human Reproductive: Biology and  
Behavior; BIOL 426 Laboratory in Cell Biology; BIOL  
440 Advanced Human Anatomy (lect & lab); BIOL 600  
Biochemistry (lab BIOL 637); BIOL 646 Mammalian  
Physiology (lab BIOL 647)

#### Human Population Biology (9 hrs.)

ANTH 340 Human Variation; ANTH 442 Anthropological  
Genetics; ANTH 544 Physical Anthropology of American  
Indians; ANTH 545 Contemporary Health Issues in Africa;  
ANTH 652 Population Dynamics

#### Human Adaptation & Evolution (9 hrs.)

ANTH 350 Human Adaptation; ANTH 352 Controversies  
on the Living and the Dead; ANTH 450 Disease and  
Adaptation; ANTH 503 Topics in Biological  
Anthropology; ANTH 549 Fossil Apes to  
*Australopithecus*; ANTH 550 *Homo erectus* to *Homo  
sapiens*

#### Human Biology & Behavior (9 hrs.)

ANTH 359 Anthropology of Sex; ANTH 447 Introduction  
to Behavioral Genetics; ANTH 461 Medical  
Anthropology; ANTH 752 Biological Basis of Human  
Behavior; PSYC 370 Brain and Behavior; PSYC 536  
Psychology of Language