

2009-2010

# *B.A. in Anthropology/Biology*

College of Humanities and Social Sciences  
College of Sciences and Technology

## *What Is the Study of Anthropology/Biology?*

Biological or Physical Anthropology is the study of both present and past human variation relative to local ecologies and cultures. Biological Anthropologists specialize in Human or Primate Anatomy, Genetics, Disease Ecology, Growth and Development, Forensic Anthropology and Osteology, Medical Anthropology or Primate Behavior and Primatology.

Biology, the scientific study of living things, includes a broad spectrum of fascinating fields. Cell and Molecular Biology, Developmental Genetics, Systematics and Evolution, Botany, Zoology, Marine Biology, Microbial Ecology, Plant Ecology, Animal Ecology, Physical Ecology, Physiological and Behavioral Ecology and Science Education are some of the specialties of study that students can pursue with the Biology faculty at Western.

## *Why Should I Consider This Major?*

The Biology/Anthropology major is a concentration on Human Biology and Behavioral Science. This major is more flexible than the Biology/Anthropology B.S. but is also excellent preparation for the applied health careers and graduate programs in Biological or Physical Anthropology. Check the course requirements for your postgraduate applied health programs to make sure you take all the appropriate prerequisites.

## *How to Declare:*

Consult department advisors in Biology and Anthropology as early as possible. Early advisement will ensure appropriateness and proper sequence of courses.

## *Mid-Program Checkpoint:*

Students intending to complete a Bachelor's of Arts degree in Anthropology/Biology within four years should complete the following courses by the start of their junior year. Students are expected to follow all prerequisite requirements for courses and seek early departmental advisement.

### **Coursework:**

Work on fulfilling University GURs:

MATH 114 or higher

CHEM 121, 122, 123

Or 125, 126, 225

BIO 204, 205, 206

ANTH 201, 210, 215

PHYS 101 or 114

### **Other Activities:**

Student should declare the major.

Develop laboratory skills.

Develop writing skills.

Develop good study habits.

Develop communication skills.

Join the Anthropology Club.

### *Contact Information:*

Anthropology Department Website:  
<http://www.ac.wvu.edu/~anthro/>

Biology Department Website:  
<http://www.wvu.edu/biology/>

Anthropology Dept. Advisor:  
Joan Stevenson  
AH 316, (360) 650-4787  
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Michael Grimes  
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Biology Dept. Advisor:  
Roger Anderson  
BI 311, (360) 650-3992  
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Biology Undergraduate Advisor:  
Kim Kolb Ayre  
BI 315, (360) 650-6165  
[Kim\\_Kolb@wvu.edu](mailto:Kim_Kolb@wvu.edu)

### *Sample Careers:*

Applied Health Tracks

Physical Anthropology  
Graduate Programs



# Anthropology/Biology Major Requirements: 89 Credits

Including 23 in supporting coursework

Biology Phase II status required for admission into 300- and 400-level biology courses for Biology majors.

CHEM 121, 122, 123

Or CHEM 125, 126, 225

CHEM 251 Elementary Organic Chemistry (5)

Or CHEM: 351, 352, 353 Organic Chemistry (4, 4, 3)

PHYS 101 Physics Analysis (4)

Or PHYS 114 Principles of Physics I (PHYS 115 recommended) (5)

BIOL 204 Introduction to Evolution, Ecology and Biodiversity (4)

BIOL 205 Introduction to Cellular and Molecular Biology (5)

BIOL 206 Introduction to Organismal Biology (5)

BIOL 321 Genetics (4)

BIOL 348 Human Anatomy and Physiology (5)

BIOL 349 Human Physiology (5)

ANTH 335 Quantitative Methods in Anthropology (5)

Or BIOL 340 Biometrics (5)

Or MATH 240 Intro to Statistics (4)

ANTH 201 Introduction to Cultural Anthropology (5)

ANTH 210 Introduction to Archaeology (5)

ANTH 215 Introductory Biological Anthropology (5)

ANTH 496 Portfolio Assembly (1)

**10 credits in Anthropology under advisement (10)**

**8 credits of Biology under advisement (8)**

**These courses are offered within this major and may be used to satisfy GUR or Writing Proficiency requirements.**

**QSR:** ANTH 335

**SSC:** ANTH 201, 219

**LSCI:** ANTH 215; BIOL 204, 205;

CHEM 121, 122, 123 and 251 or

**CHEM 125, 126, 225**

**WP:** Three Writing Proficiency points are required for graduation (they are noted as WP1, WP2, and WP3). Check [Classfinder](#) or [Online Timetable](#) for departmental offerings each quarter.

## Other Anthropology and/or Biology Options:

B.A. in Anthropology (65 credits)

B.A. in Anthropology/Archaeology (80 credits)

B.A. in Anthropology/Social Studies (86-88 credits)

B.A. in Anthropology—Biocultural Concentration (95-98 credits)

B.A. in Biology (74 credits)

B.A. in Behavioral Neuroscience (109-110 credits)

B.S. in Biology (90-95 credits)

Minor in Biology (43 credits)

B.S. in Cellular and Molecular Biology/Biochemistry (105 credits)

B.S. in Biology/Mathematics (104-105 credits)

B.S. in Biology /Anthropology (101-104 credits)

B.A. Ed. Biology/Chemistry—Secondary (103-104 credits plus certification program)

B.A. Ed. in Anthropology—Elementary (45 credits plus 107 for Elementary Education Professional Program)

Minor in Anthropology (25 credits)