

# ANTHROPOLOGY - B.S.

## College of Arts and Sciences

Department of Anthropology  
226 Lowry Hall  
Kent Campus  
330-672-4363  
www.kent.edu/anthropology

## Description

The Bachelor of Science degree in Anthropology is for students who wish to acquire in-depth training in archaeology and biological anthropology. The program is more structured than the B.A. degree and provides students with methods and theory that will prepare them for graduate school and future careers in the discipline.

The Anthropology major comprises the following concentrations:

- The **Archaeology** concentration provides students with in-depth training in analysis and field opportunities, as well as coursework in archeological theory and cultural ecology. The program emphasizes the interdisciplinary nature of archaeology. Students take courses in geography (GIS mapping and satellite imagery), geology, mathematics and chemistry. The program features hands-on training using the latest technologies, including digital recording and mapping equipment, remote sensing and geographic information systems. Regional areas of specialization include Mesoamerica and eastern North America.
- The **Biological Anthropology** concentration trains students in aspects of evolutionary theory, human evolution and human variation. Coursework includes studies of living primates, their anatomy, behavior, ecology and conservation. Genetics and neurobiology labs are available for undergraduate (and graduate student) training. Additionally, the freshmen human evolution laboratory enhances the learning process in the biological aspects of human nature.

## Fully Offered At:

- Kent Campus

## Admission Requirements

The university affirmatively strives to provide educational opportunities and access to students with varied backgrounds, those with special talents and adult students who graduated from high school three or more years ago.

**Freshman Students on the Kent Campus:** The freshman admission policy on the Kent Campus is selective. Admission decisions are based upon the following: cumulative grade point average, ACT and/or SAT scores, strength of high school college preparatory curriculum and grade trends. The Admissions Office at the Kent Campus may defer the admission of students who do not meet admissions criteria but who demonstrate areas of promise for successful college study. Deferred applicants may begin their college coursework at one of seven regional campuses of Kent State University. For more information on admissions, including additional requirements for some academic programs, visit the admissions website for new freshmen.

**Freshman Students on the Regional Campuses:** Kent State campuses at Ashtabula, East Liverpool, Geauga, Salem, Stark, Trumbull and

Tuscarawas, as well as the Regional Academic Center in Twinsburg, have open enrollment admission for students who hold a high school diploma, GED or equivalent.

## English Language Proficiency Requirements for International Students:

All international students must provide proof of English language proficiency (unless they meet specific exceptions) by earning a minimum 525 TOEFL score (71 on the Internet-based version), minimum 75 MELAB score, minimum 6.0 IELTS score or minimum 48 PTE score, or by completing the ESL level 112 Intensive Program. For more information on international admission, visit the Office of Global Education's admission website.

**Transfer, Transitioning and Former Students:** For more information about admission criteria for transfer, transitioning and former students, please visit the admissions website.

## Program Learning Outcomes

Graduates of this program will be able to:

1. Acquire a foundational view of human cultures and an extensive knowledge base of diverse human behavior
2. Demonstrate broad skills in social, physical and biological sciences
3. Understand how social scientists think and apply their findings.

Graduates of the Archaeology concentration will be able to:

1. Learn how anthropologists investigate the past combining the methods of social and natural scientists.
2. Demonstrate comprehension of anthropology's special role in making archaeology, particularly the study of the ancient Americas, come to life and become relevant for them.
3. Gain a special appreciation of archaeology's other mandate—the need to conserve the precious heritage of the archaeological record, both in the New World and the Old.
4. Demonstrate thorough knowledge of general chemistry and fundamental mathematics, as well as specific areas of geology and geography.

Graduates of the Biological Anthropology concentration will be able to:

1. Demonstrate an understanding of biological anthropology as the most relevant evolution science, the one which gives them an appreciation of their place in nature.
2. See the two dimensions of human evolution and adaptation: a global one (modern human variation) and a deep temporal one (human origins). Both dimensions require an appreciation of the neo-Darwinian theory of evolution, which includes both the process of natural selection and the roles which genetics and developmental biology play.
3. Demonstrate thorough knowledge of general chemistry and fundamental mathematics, as well as specific areas in the biological sciences.

## University Requirements

All students in a bachelor's degree program at Kent State University must complete the following university requirements for graduation.

**NOTE:** University requirements may be fulfilled in this program by specific course requirements. Please see Program Requirements for details.

|   |            |
|---|------------|
| Destination Kent State: First Year Experience   | 1          |
| Course is not required for students with 25 transfer credits, excluding College Credit Plus, or age 21+ at time of admission.   |            |
| Diversity Domestic/Global (DIVD/DIVG)   | 2 courses  |
| Students must successfully complete one domestic and one global course, of which one must be from the Kent Core.  |            |
| Experiential Learning Requirement (ELR)   | varies     |
| Students must successfully complete one course or approved experience.  |            |
| Kent Core (see table below)   | 36-37      |
| Writing-Intensive Course (WIC)  | 1 course   |
| Students must earn a minimum C grade in the course.   |            |
| Upper-Division Requirement  | 39 (or 42) |
| Students must successfully complete 39 upper-division (numbered 30000 to 49999) credit hours to graduate. Students in a B.A. and/or B.S. degree in the College of Arts and Sciences must complete 42 upper-division credit hours. |            |
| Total Credit Hour Requirement   | 120        |
| Some bachelor's degrees require students to complete more than 120 credit hours.  |            |

## Kent Core Requirements

|   |              |
|---|--------------|
| Kent Core Composition (KCMP)  | 6            |
| Kent Core Mathematics and Critical Reasoning (KMCR)                 | 3            |
| Kent Core Humanities and Fine Arts (KHUM/KFA) (min one course each) | 9            |
| Kent Core Social Sciences (KSS) (must be from two disciplines)      | 6            |
| Kent Core Basic Sciences (KBS/KLAB) (must include one laboratory)   | 6-7          |
| Kent Core Additional (KADL)   | 6            |
| <b>Total Credit Hours:</b>  | <b>36-37</b> |

## Program Requirements

### Major Requirements

| Code  | Title  | Credit Hours |
|---|--|--------------|
| <b>Major Requirements (courses count in major GPA)</b>              |  |              |
| ANTH 18210  | GLOBAL CULTURAL DIVERSITY: ANTHROPOLOGICAL PERSPECTIVES (DIVG) (KSS) | 3            |
| ANTH 18420  | ARCHAEOLOGY: ANCIENT LIVES AND CULTURES (DIVG) (KSS)                 | 3            |
| ANTH 18630  | HUMAN EVOLUTION (KBS)  | 3            |
| ANTH 38480  | ARCHAEOLOGICAL ANALYSIS (ELR) (WIC) <sup>1</sup>                     | 3            |
| ANTH 38490  | QUANTITATIVE ANTHROPOLOGY  | 3            |
| ANTH 48212  | KINSHIP AND SOCIAL ORGANIZATION (DIVG) <sup>1</sup>                  | 3            |
| or ANTH 48214   | POLITICS OF CULTURE (ELR) (WIC)                                      |              |
| CHEM 10060  | GENERAL CHEMISTRY I (KBS)  | 4            |
| CHEM 10061  | GENERAL CHEMISTRY II (KBS)   | 4            |
| CHEM 10062  | GENERAL CHEMISTRY I LABORATORY (KBS) (KLAB)                          | 1            |
| CHEM 10063  | GENERAL CHEMISTRY II LABORATORY (KBS) (KLAB)                         | 1            |
| MATH 11022  | TRIGONOMETRY (KMCR)  | 3            |
| MATH 12002  | ANALYTIC GEOMETRY AND CALCULUS I (KMCR)                              | 5            |
| Anthropology (ANTH) Upper-Division Electives (30000 or 40000 level) |  | 15           |
| Ancient Anthropology Electives, choose from the following:          |  | 3            |

|  |  |     |
|--|--|-----|
| ANTH 48225   | ARCHAEOLOGY OF DEATH (ELR) (WIC)                                       |     |
| ANTH 48425   | ANCIENT MESOAMERICA  |     |
| ANTH 48440   | ARCHAEOLOGY OF ANCIENT OHIO  |     |
| ANTH 48450   | ANCIENT CIVILIZATIONS  |     |
| Human Anthropology Electives, choose from the following:   |  | 3   |
| ANTH 38680   | PRIMATE SOCIETIES  |     |
| ANTH 48820   | HUMAN MUSCULO-SKELETAL SYSTEM  |     |
| ANTH 48830   | HUMAN BEHAVIORAL ECOLOGY AND EVOLUTION (DIVG) (ELR) (WIC) <sup>1</sup> |     |
| <b>Additional Requirements (course do not count in major GPA)</b>  |  |     |
| UC 10097   | DESTINATION KENT STATE: FIRST YEAR EXPERIENCE                          | 1   |
| Foreign Language (see Foreign Language College Requirement below)  |  | 8   |
| Kent Core Composition  |  | 6   |
| Kent Core Humanities and Fine Arts (minimum one course from each)  |  | 9   |
| General Electives (total credit hours depends on earning 120 credit hours, including 42 upper-division credit hours) |  | 19  |
| <b>Concentrations</b>  |  |     |
| Choose from the following:   |  | 20  |
| Archaeology  |  |     |
| Biological Anthropology  |  |     |
| Minimum Total Credit Hours:  |  | 120 |

<sup>1</sup> A minimum C grade must be earned to fulfill the writing-intensive requirement.

## Archaeology Concentration Requirements

| Code   | Title                                       | Credit Hours |
|--|---|--------------|
| <b>Concentration Requirements (courses count in major GPA)</b>     |   |              |
| GEOG 10160   | INTRODUCTION TO GEOGRAPHY (KSS)             | 3            |
| GEOG 29160   | MAPPING OUR WORLD                           | 3            |
| GEOG 49070   | GEOGRAPHIC INFORMATION SCIENCE              | 3-4          |
| or GEOG 49080  | ADVANCED GEOGRAPHIC INFORMATION SCIENCE     |              |
| or GEOG 49230  | REMOTE SENSING                              |              |
| GEOL 11040   | HOW THE EARTH WORKS (KBS)                   | 3            |
| GEOL 11041   | HOW THE EARTH WORKS LABORATORY (KBS) (KLAB) | 1            |
| GEOL 23063   | EARTH MATERIALS I                           | 4            |
| or GEOL 32066  | GEOMORPHOLOGY                               |              |
| <b>Additional Requirements (courses do not count in major GPA)</b> |   |              |
| General Elective   |   | 3            |
| Minimum Total Credit Hours:  |   | 20           |

## Biological Anthropology Concentration Requirements

| Code   | Title   | Credit Hours |
|--|---|--------------|
| <b>Concentration Requirements (courses count in major GPA)</b> |   |              |
| BSCI 10120   | BIOLOGICAL FOUNDATIONS (KBS) (KLAB)             | 4            |
| BSCI 30140   | CELL BIOLOGY                                    | 4            |
| BSCI 30156   | ELEMENTS OF GENETICS                            | 3            |
| BSCI 40163   | EVOLUTION                                       | 3            |
| Biology Electives, choose from the following:                  |   | 3-4          |
| BSCI 30360   | GENERAL ECOLOGY                                 |              |
| BSCI 30519   | VERTEBRATE EMBRYOLOGY AND DEVELOPMENTAL ANATOMY |              |
| BSCI 40275   | PLANT SYSTEMATICS AND EVOLUTION                 |              |
| BSCI 40430   | ANIMAL PHYSIOLOGY                               |              |

**Additional Requirements (courses do not count in major GPA)**

|  |    |
|--|----|
| Kent Core Social Sciences (cannot be ANTH) | 3  |
| Minimum Total Credit Hours:                | 20 |

**GRADUATION REQUIREMENTS**

| Minimum Major GPA | Minimum Overall GPA |
|-------------------|---------------------|
| 2.00              | 2.00                |

- To fulfill the diversity requirement, students must take a domestic diversity course that is not an ANTH course.

**Foreign Language College Requirement**

- Students pursuing the Bachelor of Science degree in the College of Arts and Sciences must complete 8 credit hours of foreign language.<sup>1</sup>
- Minimum Elementary I and II of the same language

<sup>1</sup> All students with prior foreign language experience should take the foreign language placement test to determine the appropriate level at which to start. Some students may begin their university foreign language experience beyond the Elementary I level and will complete the requirement with fewer credit hours and fewer courses. This may be accomplished by: (1) passing a course beyond the Elementary I through Intermediate II level or (2) receiving credit through Credit by Exam (CBE), the College Level Examination Program (CLEP), the Advanced Placement (AP) exam or credit through the International Baccalaureate (IB) program; or (3) being designated a "native speaker" of a non-English language (consult with the College of Arts and Sciences Advising Office for additional information) . When students complete the requirement with fewer than 8 credit hours and two courses, they will complete the remaining hours with general electives.

**Roadmaps**

- Archaeology Concentration
- Biological Anthropology Concentration

**ARCHAEOLOGY CONCENTRATION**

This roadmap is a recommended semester-by-semester plan of study for this major. However, courses designated as critical (!) must be completed in the semester listed to ensure a timely graduation.

| <b>Semester One</b>   |   | <b>Credits</b> |
|-----------------------|---|----------------|
| !                     | ANTH 18210 GLOBAL CULTURAL DIVERSITY:<br>or ANTHROPOLOGICAL PERSPECTIVES (DIVG)<br>ANTH 18420 (KSS)<br>or ARCHAEOLOGY: ANCIENT LIVES AND<br>CULTURES (DIVG) (KSS) | 3              |
|                       | CHEM 10060 GENERAL CHEMISTRY I (KBS)  | 4              |
|                       | CHEM 10062 GENERAL CHEMISTRY I LABORATORY (KBS)<br>(KLAB)   | 1              |
|                       | GEOL 11040 HOW THE EARTH WORKS (KBS)  | 3              |
|                       | GEOL 11041 HOW THE EARTH WORKS LABORATORY (KBS)<br>(KLAB)   | 1              |
|                       | UC 10097 DESTINATION KENT STATE: FIRST YEAR<br>EXPERIENCE   | 1              |
|                       | Kent Core Requirement   | 3              |
| Credit Hours          |   | 16             |
| <b>Semester Two</b>   |   |                |
| !                     | ANTH 18210 GLOBAL CULTURAL DIVERSITY:<br>or ANTHROPOLOGICAL PERSPECTIVES (DIVG)<br>ANTH 18420 (KSS)<br>or ARCHAEOLOGY: ANCIENT LIVES AND<br>CULTURES (DIVG) (KSS) | 3              |
|                       | CHEM 10061 GENERAL CHEMISTRY II (KBS)   | 4              |
|                       | CHEM 10063 GENERAL CHEMISTRY II LABORATORY (KBS)<br>(KLAB)  | 1              |
|                       | Kent Core Requirement   | 3              |
|                       | Kent Core Requirement   | 3              |
|                       | Kent Core Requirement   | 3              |
| Credit Hours          |   | 17             |
| <b>Semester Three</b> |   |                |
|                       | MATH 11022 TRIGONOMETRY (KMCR)  | 3              |
|                       | Anthropology (ANTH) Upper-Division Electives (30000 or 40000<br>level)  | 3              |
|                       | Foreign Language  | 4              |
|                       | Kent Core Requirement   | 3              |
|                       | General Electives   | 3              |
| Credit Hours          |   | 16             |
| <b>Semester Four</b>  |   |                |
| !                     | ANTH 18630 HUMAN EVOLUTION (KBS)  | 3              |
|                       | MATH 12002 ANALYTIC GEOMETRY AND CALCULUS I (KMCR)  | 5              |
|                       | Foreign Language  | 4              |
|                       | General Electives   | 3              |
| Credit Hours          |   | 15             |
| <b>Semester Five</b>  |   |                |
| !                     | ANTH 38480 ARCHAEOLOGICAL ANALYSIS (ELR) (WIC)<br>or QUANTITATIVE ANTHROPOLOGY<br>ANTH 38490  | 3              |
|                       | GEOG 10160 INTRODUCTION TO GEOGRAPHY (KSS)  | 3              |
| !                     | Ancient Anthropology Elective   | 3              |
|                       | General Electives   | 6              |
| Credit Hours          |   | 15             |

| <b>Semester Six</b>         |  |     |
|-----------------------------|--|-----|
| !                           | ANTH 38480 ARCHAEOLOGICAL ANALYSIS (ELR) (WIC)<br>or QUANTITATIVE ANTHROPOLOGY<br>ANTH 38490   | 3   |
| !                           | ANTH 48212 KINSHIP AND SOCIAL ORGANIZATION (DIVG)<br>or POLITICS OF CULTURE (ELR) (WIC)<br>ANTH 48214                                    | 3   |
|                             | GEOG 29160 MAPPING OUR WORLD   | 3   |
| !                           | Human Anthropology Elective  | 3   |
|                             | General Electives  | 3   |
| Credit Hours                |  | 15  |
| <b>Semester Seven</b>       |  |     |
|                             | GEOG 49070 GEOGRAPHIC INFORMATION SCIENCE<br>or ADVANCED GEOGRAPHIC INFORMATION<br>GEOG 49080 SCIENCE<br>or REMOTE SENSING<br>GEOG 49230 | 3-4 |
|                             | Anthropology (ANTH) Upper-Division Electives (30000 or 40000<br>level)   | 6   |
|                             | General Electives  | 5   |
| Credit Hours                |  | 14  |
| <b>Semester Eight</b>       |  |     |
|                             | GEOG 23063 EARTH MATERIALS I<br>or GEOMORPHOLOGY<br>GEOG 32066   | 4   |
|                             | Anthropology (ANTH) Upper-Division Electives (30000 or 40000<br>level)   | 6   |
|                             | General Electives  | 2   |
| Credit Hours                |  | 12  |
| Minimum Total Credit Hours: |  | 120 |

## Biological Anthropology Concentration

This roadmap is a recommended semester-by-semester plan of study for this major. However, courses designated as critical (!) must be completed in the semester listed to ensure a timely graduation.

| <b>Semester One</b>   |  | <b>Credits</b> |
|-----------------------|--|----------------|
| !                     | ANTH 18210 GLOBAL CULTURAL DIVERSITY:<br>or ANTHROPOLOGICAL PERSPECTIVES (DIVG)<br>ANTH 18420 (KSS)<br>or ARCHAEOLOGY: ANCIENT LIVES AND CULTURES (DIVG) (KSS) | 3              |
|                       | BSCI 10120 BIOLOGICAL FOUNDATIONS (KBS) (KLAB)   | 4              |
|                       | MATH 11022 TRIGONOMETRY (KMCR)   | 3              |
|                       | UC 10097 DESTINATION KENT STATE: FIRST YEAR EXPERIENCE   | 1              |
|                       | Kent Core Requirement  | 3              |
|                       | Kent Core Requirement  | 3              |
| Credit Hours          |  | 17             |
| <b>Semester Two</b>   |  |                |
| !                     | ANTH 18210 GLOBAL CULTURAL DIVERSITY:<br>or ANTHROPOLOGICAL PERSPECTIVES (DIVG)<br>ANTH 18420 (KSS)<br>or ARCHAEOLOGY: ANCIENT LIVES AND CULTURES (DIVG) (KSS) | 3              |
|                       | MATH 12002 ANALYTIC GEOMETRY AND CALCULUS I (KMCR)   | 5              |
|                       | Kent Core Requirement  | 3              |
|                       | Kent Core Requirement  | 3              |
|                       | Kent Core Requirement  | 3              |
| Credit Hours          |  | 17             |
| <b>Semester Three</b> |  |                |
|                       | CHEM 10060 GENERAL CHEMISTRY I (KBS)   | 4              |
|                       | CHEM 10062 GENERAL CHEMISTRY I LABORATORY (KBS) (KLAB)   | 1              |
|                       | Foreign Language   | 4-5            |
|                       | Kent Core Requirement  | 3              |
|                       | General Electives  | 3              |
| Credit Hours          |  | 15             |
| <b>Semester Four</b>  |  |                |
| !                     | ANTH 18630 HUMAN EVOLUTION (KBS)   | 3              |
|                       | CHEM 10061 GENERAL CHEMISTRY II (KBS)  | 4              |
|                       | CHEM 10063 GENERAL CHEMISTRY II LABORATORY (KBS) (KLAB)  | 1              |
|                       | Foreign Language   | 4-5            |
|                       | General Electives  | 3              |
| Credit Hours          |  | 15             |
| <b>Semester Five</b>  |  |                |
|                       | ANTH 38480 ARCHAEOLOGICAL ANALYSIS (ELR) (WIC)<br>or ANTH 38490 or QUANTITATIVE ANTHROPOLOGY   | 3              |
|                       | ANTH 48212 KINSHIP AND SOCIAL ORGANIZATION (DIVG)<br>or ANTH 48214 or POLITICS OF CULTURE (ELR) (WIC)  | 3              |
|                       | BSCI 30140 CELL BIOLOGY  | 4              |
|                       | General Electives  | 5              |
| Credit Hours          |  | 15             |
| <b>Semester Six</b>   |  |                |
|                       | ANTH 38480 ARCHAEOLOGICAL ANALYSIS (ELR) (WIC)<br>or ANTH 38490 or QUANTITATIVE ANTHROPOLOGY   | 3              |

| BSCI 30156 ELEMENTS OF GENETICS<br>or BSCI 40163 or EVOLUTION       | 3   |     |
|---|-----|-----|
| Ancient Anthropology Elective                                       | 3   |     |
| General Electives   | 6   |     |
| Credit Hours  |     | 15  |
| <b>Semester Seven</b>   |     |     |
| BSCI 30156 ELEMENTS OF GENETICS<br>or BSCI 40163 or EVOLUTION       | 3   |     |
| Anthropology (ANTH) Upper-Division Electives (30000 or 40000 level) | 9   |     |
| General Electives   | 2   |     |
| Credit Hours  |     | 14  |
| <b>Semester Eight</b>   |     |     |
| Human Anthropology Elective   | 3   |     |
| Biology Elective  | 3-4 |     |
| Anthropology (ANTH) Upper-Division Electives (30000 or 40000 level) | 6   |     |
| Credit Hours  |     | 12  |
| Minimum Total Credit Hours:   |     | 120 |