Bachelor of Arts in Anthropology: Human Biology Concentration

The Human Biology concentration in Anthropology prepares students for careers in medicine, dentistry, physical therapy, optometry, podiatry, and other allied health fields. Human Biology students major in Anthropology but take departmental courses primarily in biological anthropology. These courses deal in human genetics, human paleontology, human physiology, and human reproductive biology and behavior. They stress an evolutionary perspective on humans and integrate molecular, whole-organism, population, and species-level data on humans. The Human Biology concentration also includes required courses in biology, and elective options in human anatomy, physiology, and public health. This program also encourages students to take courses in other disciplines to fulfill admission requirements to professional schools in the health sciences. As a result, our students have the broad, liberal arts background that many professional schools find attractive.

Interested students should contact the Human Biology Concentration advisor, Dr. Charles Weitz, at 215-204-7330 or weitz@temple.edu or the pre-med advisor at 1810 Liacouras Walk, 1st Floor. A brochure describing the Human Biology Concentration can be obtained in the Anthropology Department, room 209, Gladfelter Hall.

Summary of Degree Requirements

University Requirements:
- MATH 0701 (4 s.h.) and/or ENG 0701 (4 s.h.), if required by placement testing.
- All Temple students must take a minimum of two writing-intensive courses as part of the major. All students majoring in the Anthropology Human Biology concentration must take ANTH 3796 and ANTH 4897.
- Students must complete requirements of the General Education (GenEd) Program. See the General Education (http://bulletin.temple.edu/undergraduate/general-education) section of the Undergraduate Bulletin for more details.

College of Liberal Arts Requirements:
- Completion of a minimum of 123 credits, including:
  - 90 credits in CLA/CST courses;
  - 45 credits of which must be at the upper level (numbered 2000-4999).
    - For Social Science majors, 6 upper level credits (numbered 2000-4999) must be taken in Humanities Subject Areas: Arabic, Chinese, English, French, German, Greek (Ancient), Greek and Roman Classics, Hebrew, Hindi, Italian, Japanese, Latin, Philosophy, Religion, Russian, and Spanish in the College of Liberal Arts, Art History in the Tyler School of Art, or any department in the College of Science and Technology.
  - A minimum GPA of 2.0, cumulatively, in CLA/CST coursework, and in the major.
  - Only courses in which a student receives a grade of at least C- can satisfy GenEd, major, minor, or CLA Foreign Language and Global Studies requirements.
- Professional Development Requirement
  - All students in the College of Liberal Arts are required to take a 1 credit seminar in professional development. CLA 1002 Professional Development for Liberal Arts Majors is the appropriate course option for this major. Other courses that fulfill this requirement may be found on the CLA College Requirements (http://bulletin.temple.edu/undergraduate/liberal-arts/#collegerequirementstext) page. Only one course in this category may count towards graduation.
- Foreign Language/Global Studies Requirements:
  - All students must complete or test out of the first and second levels of a foreign language - these courses are numbered 1001 and 1002;
  - All students must complete at least one course from the GenEd Global/World Society category; and
  - All Bachelor of Arts students must complete one of the following options:
    - Third semester of a foreign language;
    - Demonstrated proficiency beyond the third semester in a foreign language (placement exam or certification from the language department);
    - Take one Global Studies course from the list on the CLA College Requirements (http://bulletin.temple.edu/undergraduate/liberal-arts/#collegerequirementstext) page;
    - Study Abroad at an approved program; or
    - Take a second General Education Global/World Society course.
- Notes on Foreign Language Study
  - The third level of language is numbered 1003 in French, German, Spanish, and Portuguese and numbered 2001 in all other foreign language subjects.
• Students are strongly encouraged to take the third level of a foreign language as it is the minimum required for election to the prestigious honor society Phi Beta Kappa. (Taking the course does not guarantee admission but not taking it guarantees exclusion.)
• See the College of Liberal Arts Policies (http://bulletin.temple.edu/undergraduate/liberal-arts/#policies) section of this Bulletin for more information on the Foreign Language Placement, Regression in Coursework, and guidelines for students' other experiences with language.

**General Electives** are typically one-third of a student's program of study and can be focused on a second major, a minor, or towards some other personal enrichment or professional goals. See an academic advisor for assistance in developing an academic plan for these courses.

**Major Requirements (39 credits):**

**Required Courses**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANTH 2705</td>
<td>Fundamentals of Biological Anthropology</td>
<td>4</td>
</tr>
<tr>
<td>ANTH 3771</td>
<td>Quantitative Methods in Anthropology</td>
<td>3</td>
</tr>
<tr>
<td>ANTH 3796</td>
<td>Evolutionary Biology</td>
<td>3</td>
</tr>
</tbody>
</table>

**Introductory Sequence in Biology**

Select one of the following sets: 8

- BIOL 1011 & BIOL 1012: General Biology I and General Biology II
- BIOL 1111 & BIOL 2112: Introduction to Biology I and Introduction to Biology II

**Human Biology Electives**

Select four of the following: 12

- ANTH 2763: Human Population Genetics
- ANTH 2765: Human Osteology
- ANTH 3742: Human Paleontology
- ANTH 3743: Human Biology of Modern Populations
- ANTH 3744: Human Evolutionary Genetics
- ANTH 3746: Human Reproduction: Evolutionary Perspectives
- ANTH 3747: Human Growth and Development
- BIOL 2233: Mammalian Anatomy
- BIOL 3334: Mammalian Physiology
- KINS 1223: Human Anatomy and Physiology I
- KINS 1224: Human Anatomy and Physiology II (prerequisite: KINS 1223)

**Primate and Human Behavior Course**

Select one of the following: 3

- ANTH 2764: Primate Behavior
- ANTH 3764: Primate Functional Morphology

**Health and Disease Course**

Select one of the following: 3

- ANTH 2332: Medical Anthropology
- ANTH 3772: Evolutionary Medicine
- ANTH 3774: Environmental Physiology and Health
- ENVH 2102: Environmental Health
- EPBI 3101: Introduction to Epidemiology
- SOC 2552: Health and Disease in American Society
- SOC 3521: Global Health

**Capstone Course**

- ANTH 4897: Research in Biological Anthropology

| Total Credit Hours | 39 |

---

1. ANTH 2705 is the prerequisite for all courses in Biological Anthropology numbered 3000+.
2. Students may take either BIOL 2233 and BIOL 3334 OR KINS 1223 and KINS 1224.
## Distinction in Major

Anthropology majors may graduate with distinction in the major if they have earned a GPA of 3.5 or higher.

## Suggested Academic Plan

### Bachelor of Arts in Anthropology: Human Biology Concentration

#### Requirements for New Students starting in the 2017-2018 Academic Year

<table>
<thead>
<tr>
<th>Year 1</th>
<th>Fall</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>ENG 0802, 0812, or 0902</td>
<td>Analytical Reading and Writing [GW]</td>
</tr>
<tr>
<td></td>
<td>GenEd Quantitative Literacy Course [GQ]</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>Foreign Language 1001 - first level</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>GenEd Breadth Course</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td><strong>Term Credit Hours</strong></td>
<td>15</td>
</tr>
</tbody>
</table>

| Spring | IH 0851 or 0951 | Intellectual Heritage I: The Good Life [GY] | 3 |
|        | Foreign Language 1002 - second level | 4 |
|        | GenEd Breadth Course | 3 |
|        | GenEd Breadth Course | 3 |
|        | GenEd Breadth Course | 3 |
|        | **Term Credit Hours** | 16 |

### Year 2

| Fall | IH 0852 or 0952 | Intellectual Heritage II: The Common Good [GZ] | 3 |
|      | GenEd Breadth Course | 3 |
|      | BIOL 1011 or 1111 | General Biology I (must follow sequence) | 4 |
|      | CLA/CST 0800+ Elective | 3 |
|      | Select one of the following: | 3 |
|      | Foreign Language - third level | |
|      | GenEd Global/World Society Course | |
|      | Internationally Focused Course From Approved List | |
|      | **Term Credit Hours** | 16 |

| Spring | CLA/CST 2000+ Course | 3 |
|        | CLA/CST 2000+ Course | 3 |
|        | CLA 1002 | Professional Development for Liberal Arts Majors | 1 |
|        | ANTH 2705 | Fundamentals of Biological Anthropology | 4 |
|        | BIOL 1012 or 2112 | General Biology II (must follow sequence) | 4 |
|        | **Term Credit Hours** | 15 |

### Year 3

| Fall | CLA/CST 2000+ Humanities/CST Course | 3 |
|      | ANTH 3771 | Quantitative Methods in Anthropology | 3 |
|      | ANTH 3796 | Evolutionary Biology [WI] | 3 |
|      | CLA/CST 2000+ Course | 4 |
|      | CLA/CST 0800+ Elective | 3 |
|      | **Term Credit Hours** | 16 |

<p>| Spring | CLA/CST 2000+ Humanities/CST Course | 3 |
|        | Human Biology Elective - select from list | 4 |
|        | Human Biology Elective - select from list | 3 |
|        | Primate and Human Behavior Elective - select from list | 3 |</p>
<table>
<thead>
<tr>
<th>Course Description</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CLA/CST 0800+ Elective</td>
<td>3</td>
</tr>
<tr>
<td><strong>Term Credit Hours</strong></td>
<td><strong>16</strong></td>
</tr>
</tbody>
</table>

**Year 4**

<table>
<thead>
<tr>
<th>Course Description</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Health and Disease Elective - select from list</td>
<td>3</td>
</tr>
<tr>
<td>Human Biology Elective - select from list</td>
<td>3</td>
</tr>
<tr>
<td>Human Biology Elective - select from list</td>
<td>3</td>
</tr>
<tr>
<td>CLA/CST 0800+ Elective</td>
<td>3</td>
</tr>
<tr>
<td>CLA/CST 0800+ Elective</td>
<td>3</td>
</tr>
<tr>
<td><strong>Term Credit Hours</strong></td>
<td><strong>15</strong></td>
</tr>
</tbody>
</table>

**Spring**

<table>
<thead>
<tr>
<th>Course Description</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CLA/CST 2000+ Elective</td>
<td>3</td>
</tr>
<tr>
<td>ANTH 4897 Research in Biological Anthropology [WI]</td>
<td>3</td>
</tr>
<tr>
<td>CLA/CST 2000+ Course</td>
<td>3</td>
</tr>
<tr>
<td>One 0800+ Elective in Any School or College</td>
<td>3</td>
</tr>
<tr>
<td>One 0800+ Elective in Any School or College</td>
<td>2</td>
</tr>
<tr>
<td><strong>Term Credit Hours</strong></td>
<td><strong>14</strong></td>
</tr>
</tbody>
</table>

**Total Credit Hours:** 123

1 Completion of either Biology sequence fulfills the GenEd Science & Technology requirement.