BIOMEDICAL SCIENCES - BIOLOGICAL ANTHROPOLOGY - PH.D.

College of Arts and Sciences
School of Biomedical Sciences
Cunningham Hall
Kent Campus
330-672-2263
www.kent.edu/biomedical

Description
The Ph.D. degree in Biomedical Sciences—Biological Anthropology emphasizes a biological approach to research problems focusing on both human and non-human anthropology. The program focuses on basic human anatomy, developmental biology, mammalian physiology and paleontology. In general, most graduates are prepared to teach both human anatomy and another cognate field (e.g., neuroanatomy, cell biology, physiology) in demand at most medical schools. Many graduates also use their training and teaching experience to enter regular anthropology or corporate research positions.

Faculty in the program are drawn from the departments of Anthropology and Biological Sciences at Kent State University, the Department of Biomedical Engineering at the University of Akron and the Department of Anatomy and Neurobiology at the Northeast Ohio Medical University (NEOMED). This interdepartmental and inter-institutional structure provides significant resources available to doctoral candidates, including the Hammon-Todd human and primate skeletal collection, state-of-the-art laboratories for physical anthropology and paleontology and biomechanics research laboratories for the reproductive physiology and endocrinology of extant primate species. Additional resources are available to students through collaborators at the Cleveland Museum of Natural History and the Cleveland Metro Parks Zoological Center. In addition, field training is available in South America for primate ecology and behavior.

FULLY OFFERED AT:
• Kent Campus

Admission Requirements
• Master’s degree in anthropology or biological sciences from an accredited college or university
• Minimum 3.000 GPA on a 4.000 point scale
• College-level courses in statistics and computer science
• Official transcript(s)
• GRE scores
• Goal statement
• Three letters of recommendation
• English language proficiency - all international students must provide proof of English language proficiency (unless they meet specific exceptions) by earning one of the following:
  • Minimum 600 TOEFL PBT score (paper-based version)
  • Minimum 100 TOEFL IBT score (Internet-based version)

For more information about graduate admissions, please visit the Graduate Studies admission website. For more information on international admission, visit the Office of Global Education’s admission website.

1 A student with an outstanding academic record may receive a waiver of the master’s degree requirement upon completion of 20 credit hours of graduate work and be admitted directly to the Ph.D. degree program.

Program Learning Outcomes
Graduates of this program will be able to:
1. Publish their research in peer-reviewed journals.
2. Demonstrate the ability to teach undergraduate students.
3. Seek employment after graduation in fields that reflect their area of training.

Program Requirements
Major Requirements
[PHD-BANT]

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BMS 78610</td>
<td>HUMAN GROSS ANATOMY I</td>
<td>4</td>
</tr>
<tr>
<td>BMS 78611</td>
<td>HUMAN GROSS ANATOMY II</td>
<td>3</td>
</tr>
<tr>
<td>BMS 78637</td>
<td>BIOANTHROPOLOGICAL DATA ANALYSIS I</td>
<td>5</td>
</tr>
<tr>
<td>BMS 78638</td>
<td>BIOANTHROPOLOGICAL DATA ANALYSIS II</td>
<td>3</td>
</tr>
<tr>
<td>BMS 78691</td>
<td>SEMINAR IN BIOLOGICAL ANTHROPOLOGY</td>
<td>1</td>
</tr>
<tr>
<td>BMS 80199</td>
<td>DISSERTATION I</td>
<td>30</td>
</tr>
<tr>
<td>BSCI 70163</td>
<td>EVOLUTION</td>
<td>3</td>
</tr>
<tr>
<td>Electives</td>
<td></td>
<td>16</td>
</tr>
</tbody>
</table>

Minimum Total Credit Hours: 65

1 Courses equivalent to those in the core may be substituted with the approval of the program committee.
2 Each doctoral candidate, upon admission to candidacy, must register for BMS 80199 for a total of 30 credit hours. It is expected that a doctoral candidate will continuously register for BMS 80199 and thereafter BMS 80299, each semester, including summer, until all requirements for the degree have been met.
3 Cognate and elective courses in related departments (e.g., anthropology, biological sciences, chemistry, geology and psychology) will be selected and approved by the student’s advisory committee.