The minor is designed for students interested in the field of historical archaeology, a discipline that integrates the research interests and methods of archaeology and history. The minor is designed to complement existing majors in anthropology and history, and it may also be of interest to students in art history and public administration. While guided by the theoretical underpinnings of history and anthropology, the minor in historical archaeology is highly field and research oriented. Students enrolling in the program should anticipate courses that require significant effort outside of the classroom.

Two courses (six credits) may be double-counted between the minor and the student’s major.

**Required Courses**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANTH/HIST 331. Historical Archaeology</td>
<td>3</td>
</tr>
<tr>
<td>ANTH 494. Field Techniques in Archaeology</td>
<td>4</td>
</tr>
<tr>
<td>HIST/ARTH 396. Introduction to Public History</td>
<td>3</td>
</tr>
<tr>
<td>Capstone research course</td>
<td>3</td>
</tr>
<tr>
<td>ANTH/HIST 496. Research Thesis</td>
<td>9</td>
</tr>
</tbody>
</table>

Choose three of the following:

**Anthropological options or geography options: 2**

1. ANTH 410. Spatial Analysis for Anthropologists
2. ANTH 495. Archaeology: Methods of Analysis and Interpretation
3. HIST/ARTH 394. Introduction to Museum Work
4. HIST/ARTH 492. American Material Culture
5. HIST/ARTH 493. Historic Preservation
6. GEOG 340. Soils and Land Use
7. GEOG 366. Introduction to Geographic Information
8. GEOG 440. Geophysics

1. The personalized capstone course can take place over one or two semesters and will require a minimum of 30 credits. Students must work closely with a faculty adviser to define a research topic, establish a theoretical and methodological base for the project, gather data, interpret results, and prepare an appropriate statement of findings.
2. Access to geology and geography courses is competitive and will require some computer experience.

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**Human Science**

**Dr. Steve Keffer, Coordinator**

Phone: (540) 568-5659  
Email: kefferst@jmu.edu  
Website: http://psychweb.cisat.jmu.edu/humanscience

Human Science is an interdisciplinary minor focused at the intersection of anthropology, psychology and biology. The minor provides students with a set of courses that promotes the scientific understanding of our species, *Homo sapiens*, as a complex biological and social organism. The human science seminar encourages students to think synthetically across the natural and social sciences, particularly with regard to the complex problems of the 21st century.

This minor is appropriate for students whose careers would be enhanced by a program that focuses on a multidisciplinary view of human nature. Such careers include the health-oriented professions, law, government, public policy and academic study in the humanities, and social and life sciences.

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** Required Courses | Credit Hours**
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>GANTH 196. Biological Anthropology</td>
<td>3</td>
</tr>
<tr>
<td>ANTH 315. Human Evolution</td>
<td>3</td>
</tr>
<tr>
<td>ANTH 316. Evolution of Human Behavior</td>
<td>3</td>
</tr>
<tr>
<td>BIO 290. Human Anatomy</td>
<td>4</td>
</tr>
<tr>
<td>GPSYC 101. General Psychology</td>
<td>3</td>
</tr>
<tr>
<td>GPSYC 160. Human Life Span Development</td>
<td>3</td>
</tr>
<tr>
<td>HSC 400. Human Science Seminar</td>
<td>1</td>
</tr>
</tbody>
</table>

Note: HSC 400 may only be taken after all other minor courses are completed.

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**Humanitarian Affairs**

**Prof. Sarah O’Connor, Coordinator**

Phone: (540) 568-6242  
Email: connosh@jmu.edu

**Dr. Mary Tacy, Coordinator**

Phone: (540) 568-6722  
Email: tacymb@jmu.edu  
Website: http://www.jmu.edu/humanitarian/

The cross-disciplinary humanitarian affairs minor provides students with a global perspective on the major humanitarian crises facing the human community today. Students will investigate the impacts of natural disasters, disease, hunger and famine, poverty, conflict, and national and international policies on the welfare of human communities around the world. They will also explore solutions to various humanitarian crises and evaluate the problems of practicing humanitarian in the world today. Students will become acquainted with the organizations that address these crises and the challenges they face. Finally, students will acquire knowledge and skills that prepare them for careers in governmental and non-governmental organizations that address humanitarian issues.

The minor is open to all undergraduate students at JMU. Three of the required 18 hours must include HUMN 201; students are encouraged to complete an international field experience. The international experience must be one that will enhance the student’s knowledge of humanitarian issues and must be approved by the humanitarian affairs coordinator. This experience can be completed abroad or with an international organization in the U.S.

**Core Requirements**

**Credit Hours**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>HUMN 201. Introduction to Humanitarian Affairs</td>
<td>3</td>
</tr>
</tbody>
</table>

Choose five of the following, with no more than two from any single discipline:

HUMN 300. Introduction to Natural Disasters  
HUMN 401. GIS for Humanitarian Assistance  
HUMN 490. Humanitarian Affairs Field Experience  
ANTH 313. Processes of Social and Cultural Change  
ANTH 366. Anthropology of War  
ANTH 373. Anthropological Perspectives on Environment and Development  
BIO 354. Global Climate Change and Life: Ecological and Biological Impacts of Climate Variability  
BIO 420. Medical Parasitology  
ECON 270. International Economics  
ENGR 360. Water in Africa, Technology, Education and Reciprocity  
GEOG 215. Geospatial Tools I – Cartography and GIS  
GEOG 280. Human Geography: The Cultural Landscape  
GEOG 300. Population Geography  
GEOG 322. Agricultural Systems and Global Food Production  
GEOG 335. Geography of Africa  
GEOG 345. Geography of Poverty  
GEOG 366. Introduction to Geographic Information Science  
GEOG 375. Political Geography  
HUMN 252. Cross-Cultural Perspectives

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http://www.jmu.edu/catalog/12