Human Science

Dr. Steve Keffer, Coordinator

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Website: http://psychweb.cisat.jmu.edu/humanscience

Human Science is an cross disciplinary 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.

Required Courses

- ANTH 313. Processes of Social and Cultural Change
- ANTH 316. Evolution of Human Behavior
- ANTH 317. Human Evolution
- ANTH 366. Anthropology of War

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

- BIO 310. Introduction to Natural Disasters
- HUMN 401. GIS for Humanitarian Assistance
- HUMN 490. Humanitarian Affairs Field Experience
- HUMN 491. Processes of Social and Cultural Change
- BIO 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
- GUM 252. Cross-Cultural Perspectives

Core Requirements

- HUMN 201. Introduction to Humanitarian Affairs

Required Courses

- GANTH 196. Biological Anthropology
- ANTH 315. Human Evolution
- ANTH 316. Evolution of Human Behavior
- BIO 290. Human Anatomy
- GPSYC 101. General Psychology
- GPSYC 160. Human Life Span Development
- HSC 400. Human Science Seminar

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

Humanitarian Affairs

Prof. Sarah O’Connor, Coordinator

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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 strongly encouraged to complete an international field experience. The international experience must be one that will enhance the student’s knowledge of humanitarian affairs 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

- HUMN 201. Introduction to Humanitarian Affairs

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
- GUM 252. Cross-Cultural Perspectives

Required Courses

- GANTH 196. Biological Anthropology
- ANTH 315. Human Evolution
- ANTH 316. Evolution of Human Behavior
- BIO 290. Human Anatomy
- GPSYC 101. General Psychology
- GPSYC 160. Human Life Span Development
- HSC 400. Human Science Seminar

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

Historical Archaeology

Dr. Clarence Geier, Minor Adviser

Phone: (540) 568-6973  Email: geiercr@jmu.edu

Dr. Gabrielle Lanier, Minor Adviser

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Website: http://www.jmu.edu/socanth/

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

- ANTH/HIST 331. Historical Archaeology
- ANTH 494. Field Techniques in Archaeology
- HIST/ARTH 396. Introduction to Public History
- Capstone research course
- ANTH/HIST 496. Research Thesis

Choose three of the following:

- Of these, one course must be chosen from the history/anthropology options and one must be from the geology or geography options.
- ANTH 410. Spatial Analysis for Anthropologists
- ANTH 455. Archaeology: Methods of Analysis and Interpretation
- HIST/ARTH 394. Introduction to Museum Work
- HIST/ARTH 492. American Material Culture
- HIST/ARTH 493. Historic Preservation
- GEOG 340. Soils and Land Use
- GEOG 366. Introduction to Geographic Information Science
- GEOG 440. Geophysics

Historical Geography

Core Requirements Credit Hours

- HIST/ARTH 396. Introduction to Public History
- HUM 252. Cross-Cultural Perspectives
- GEOG 366. Introduction to Geographic Information Science
- GEOG 340. Soils and Land Use
- GEOG 440. Geophysics
- GEOG 375. Political Geography

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

1 The personalized capstone course can take place over one or two semesters and will require the student to work closely with a faculty adviser. The project will require the student to define a research topic, establish a theoretical and methodological base for the project, gather data, interpret the results, and prepare an appropriate statement of findings.

2 Access to geology and geography courses is competitive and will require some computer experience.
Cross Disciplinary Programs: Minors 115

Political Science Major with ISS Minor
Requirements for the political science major are on Page 278.

Degree Requirements

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Education</td>
<td>41</td>
</tr>
<tr>
<td>Foreign Language classes (intermediate level required)</td>
<td>0-14</td>
</tr>
<tr>
<td>Philosophy course (in addition to General Education courses)</td>
<td>3</td>
</tr>
<tr>
<td>Major requirements</td>
<td>33-35</td>
</tr>
<tr>
<td>Minor requirements (listed below)</td>
<td>18</td>
</tr>
</tbody>
</table>

1 The General Education program contains a set of requirements each student must fulfill. The number of credit hours necessary to fulfill these requirements may vary.
2 The foreign language requirement may be satisfied by successful completion of the second semester of the intermediate level of the student’s chosen language (typically 232), or by placing out of that language through the Department of Foreign Languages, Literatures and Cultures’ placement test.

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ISS Minor Requirements
To be licensed to teach secondary school social studies, the student must satisfactorily complete requirements for a baccalaureate degree in either history or political science and complete the ISS minor that is paired with that major. Courses taken for General Education credit may be double-counted.

ISS for History Majors  Credit Hours
Complete all of the following: 9
G/HIST 225. U.S. Government (Must be completed for GenEd credit)
Choose one:
- GECON 200. Macroeconomics (may double-count)
- ECON 201. Microeconomics
Choose one:
- G/GEOG 200. The Global Dimension
- GEOS 280. Human Geography: The Cultural Landscape (should double-count)
Choose one:
- G/GEOS 300 or 400 level
- ECON 200, 300 or 400 level
Complete three of the following: 9
- POSC 302. State and Local Government
- POSC 385. The U.S. Congress
- POSC 362. Political Behavior
- POSC 369. Political Parties and Elections
- POSC 370. U.S. Foreign Policy

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ISS for Political Science Majors  Credit Hours
Complete all of the following: 9
G/HIST 225. U.S. History (Must be completed for GenEd credit)
Choose one:
- GECON 200. Macroeconomics (may double-count)
- ECON 201. Microeconomics
Choose one:
- G/GEOG 280. Human Geography: The Cultural Landscape (should double-count)
- G/GEOG 200. The Global Dimension
Choose one:
- G/GEOS 300 or 400 level
- ECON 200, 300 or 400 level
Complete three of the following: 9
- HIST 350. Virginia History
- HIST 362. U.S. Religious History
- HIST 356. Afro-American History Since 1865
- HIST 405. Travel and Exploration
- HIST 453. Patterns of Global History
- HIST 456. The Global Economy and Nationalism

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1 When used for credit in the humanitarian affairs minor, the international experience must be approved and supervised by the minor coordinator or designated faculty member.

Interdisciplinary Social Science
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The cross disciplinary social science minor offers a program of integrated study that exposes students to diverse methodologies, philosophies and controversies that define the social sciences. It is a required minor for secondary education students who wish to teach social studies. The ISS minor incorporates economics, geography, history and political science and is offered in two forms for secondary education students. Secondary education students will major in either history or political science and then complete the ISS minor that corresponds to the major. Through this minor and the completion of the B.A. degree in history or political science, students will gain the content knowledge necessary for success in secondary education in social studies. Student not selecting the secondary education licensure program may declare either form of the ISS minor.

Minor Requirements

History Major with ISS Minor
Requirements for the history major are on Page 203.

Degree Requirements

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1 The General Education program contains a set of requirements each student must fulfill. The number of credit hours necessary to fulfill these requirements may vary.
2 The foreign language requirement may be satisfied by successful completion of the second semester of the intermediate level of the student’s chosen language (typically 232), or by placing out of that language through the Department of Foreign Languages, Literatures and Cultures’ placement test.

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