Human Science

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The Human Science minor is a multidisciplinary program that brings together elements of biology, anthropology, and psychology to understand our species, *Homo sapiens*, as a complex biological and social organism. Goals for the students in this minor are twofold: (1) Through a set of basic core courses in the three disciplines, students will gain a multidisciplinary, scientific understanding of human beings; and (2) Students will then pursue their own interests in human science through elective courses in three disciplines.

The human science minor is appropriate for students whose career goals would be enhanced by a program that focuses on the scientific, multidisciplinary study of humans. Such careers include the health-oriented professions, law, government, public policy, and academic study in the humanities, and social and life sciences. Furthermore, graduates of the human science minor will be taught to think synthetically across the natural and social sciences; and thus will be better prepared to grapple with the complex problems of the 21st century. Consequently, they will be well situated to take advantage of the rapidly developing and diverse career opportunities of the coming years and decades.

The Human Science minor requires 24 credit hours: 15 hours of required courses and another 9 hours of electives.

**Required Courses (15 credit hours)**

- ANTH 196. Biological Anthropology 3
- ANTH 494. Field Techniques in Anthropology 4
- HIST 396. Introduction to Public History 3
- Capstone research course 3
- ANTH/HIST 496. Research Thesis

Choose three of the following: 9

- ANTH 455. Archaeology: Methods of Analysis and Interpretation 3
- HIST 492. American Material Culture
- HIST 493. Historic Preservation
- HIST 494. Introduction to Museum Work
- GEOL 340. Soils and Land Use
- GEOG 366. Geographic Information Systems

**Electives (9 credit hours; one course must be taken from each of the following groups)**

- Anthropology Group
  - ANTH 300. Anthropology of Diet and Nutrition 3
  - ANTH 315. Human Evolution 3
  - ANTH 322. Human Variation and Adaptation 3
  - ANTH 352. Birth, Death, Sex: Exploring Demography 3
  - ANTH 360. Medical Anthropology 3
  - ANTH 362. Evolution of the Human Brain 3
  - ANTH 395. Special Topics in Anthropology 3
  - (by permission of the human sciences coordinator)
  - ANTH 420. Evolution of Human Behavior 3

- Biology Group
  - BIO 280. Allied Health Microbiology or BIO 380. Microbiology 3
  - BIO 364. Human Uses of Plants 3
  - BIO 420. Medical Parasitology 4
  - BIO 430. Human Genetics 3
  - BIO 442. Immunology 4
  - BIO 482. Human Histology 4
  - BIO 490. Biomechanics 4

- Psychology Group
  - PSYC 250. Introduction to Abnormal Psychology 3
  - PSYC 335. Abnormal Psychology 4
  - PSYC 285. Drugs and Behavior 3
  - PSYC 308. Health Psychology 3
  - PSYC 310. The Psychology of Women and Gender 3
  - PSYC 385. Biopsychology 3
  - PSYC 390. Psychology of Learning 3
  - PSYC 395. Comparative Psychology 3

Human Science

Interdisciplinary Social Science

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E-mail: dillardpd@jmu.edu

The interdisciplinary 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.

required credit hours: 22

- The personalized capstone course can take place over one or two semesters and will require the student to work closely with a faculty advisor. 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.
- Access to the geology and geography courses will be competitive and will require some computer experience.
Minor Requirements

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

Degree Requirements

General Education1 41
Foreign Language classes (intermediate level required)2 0-14
Philosophy course (in addition to General Education courses) 3
Major requirements 37
Minor requirements (listed below) 18

Total credits 18

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’s placement test.

Political Science Major with ISS Minor
Requirements for the political science major are on Page 268.

Degree Requirements

General Education1 41
Foreign Language classes (intermediate level required)2 0-14
Philosophy course (in addition to General Education courses) 3
Major requirements 33-35
Minor requirements (listed below) 18

Total credits 120

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’s placement test.

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
Complete all of the following: 9

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
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</thead>
<tbody>
<tr>
<td>GPOSC 225. U.S. Government</td>
<td>(Must be completed for GenEd credit)</td>
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Choose one:

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
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</thead>
<tbody>
<tr>
<td>GECON 200. Macroeconomics (may double count)</td>
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<tr>
<td>ECON 201. Microeconomics</td>
<td></td>
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</tbody>
</table>

Choose one:

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>GEOG 280. Human Geography: The Cultural Landscape (should double count)</td>
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<tr>
<td>GEGEO 200. The Global Dimension</td>
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</tbody>
</table>

Choose one:

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
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</thead>
<tbody>
<tr>
<td>GEOG 300 or 400 level</td>
<td></td>
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<tr>
<td>ECON 200, 300 or 400 level</td>
<td></td>
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</tbody>
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Complete three of the following: 9

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
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</thead>
<tbody>
<tr>
<td>POSC 302. State and Local Government</td>
<td></td>
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<tr>
<td>POSC 385. The U.S. Congress</td>
<td></td>
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<tr>
<td>POSC 362. Political Behavior</td>
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<tr>
<td>POSC 369. Political Parties and Elections</td>
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<td>POSC 370. U.S. Foreign Policy</td>
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</tbody>
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Total credits 18

International Humanities

Dr. Lamont King, Coordinator
Phone: (540) 568-4188
E-mail: kingld@jmu.edu

The minor in international humanities encourages students to explore the cultural environments of civilizations outside of the English-speaking world of Great Britain and the United States. Emphasis is on literature, history, art and religion, with opportunities for additional studies in philosophy and music. Studies Abroad students are encouraged to discuss possible substitutions with the coordinator. The requirement for successful completion of the minor is 24 credit hours.

All students are required to complete six credit hours from the Gateway courses. Students then complete a minimum of nine credit hours in Concentration One. The remaining nine credit hours may be selected from among courses in Concentration One and/or Concentration Two. The courses selected must represent four disciplines. Only six credits from a student’s major discipline may be double-counted in the minor concentrations. Students may select one 200 level course beyond the gateway requirement; all other courses must be at the 300-400 level. With the approval of the coordinator, one course from the electives list or a selected topics course from one of the participating disciplines may be substituted for a course in the concentrations.

For further information and a complete list of the courses in each concentration, contact the coordinator.

Required Courses

Gateway Requirement1

Select one:

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
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</thead>
<tbody>
<tr>
<td>GENG 239. Studies in World Literature</td>
<td></td>
</tr>
<tr>
<td>GARTH 205. Survey of World Art: Prehistoric to Renaissance</td>
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</tr>
<tr>
<td>GARTH 206. Survey of World Art: Renaissance to Modern</td>
<td></td>
</tr>
</tbody>
</table>

Select one:

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>GHIST 101. World History to 1500</td>
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<tr>
<td>GHIST 102. World History Since 1500</td>
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<tr>
<td>GREL 101. Religions of the World</td>
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<tr>
<td>GPHIL 101. Introduction to Philosophy</td>
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Total credits 12

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