Environmental Studies
Dr. Pete Bsumek, Coordinator

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Website: http://www.jmu.edu/environment/studies.shtml

The environmental studies minor provides an interdisciplinary education engaging socio-cultural, scientific and technical issues raised by the oft-conflicting needs and desires of globally interacting societies. Designed to complement any major, the goals of the environmental studies minor include:

- to help undergraduates develop an awareness of the cultural, political and scientific aspects of the world’s environmental problems.
- to better prepare students for further study at the graduate or professional school level and careers in the expanding field of environmental professions.

The minimum requirement for a minor in environmental studies is 24 credit hours taken from the four categories outlined. No more than three courses from a single subject (e.g., GEOG, GEOL, ANTH, ENG, etc.) may count toward completion of the environmental studies minor. Students wishing to complete more than one of the environment minors (environmental management, environmental science and environmental studies) may receive dual credit for the capstone course (ENVT 400), but may not receive dual credit for any other courses that might be shared by the minors.

Courses
Introduction to Environmental Literacy 1

ECON 105. Environmental Science Literacy 3

Approved internships programs
Approved study abroad courses

Environmental Science Literacy 3
BIO 451. Ecological Systems
BIO 452. Population Ecology
BIO 456. Landscape Ecology
BIO 457. Environmental Toxicology
BIO 459. Freshwater Ecology
GEOG 327. Climatology
GEOG 340. Biogeography
GEOL 211. Introduction to Oceanography
GEOL 310. Management of Marine Resources
GEOL 340. Soils and Land Use
ISAT 320. Fundamentals in Environmental Science

Senior Seminar Capstone Course
ENVT 400. Capstone Seminar

1 Minimum of 3 credit hours; can be double-counted with GenEd credits.
2 Minimum of 15 credit hours; only two courses with the same course subject may be taken.
3 Minimum of 3 credit hours

Family Studies
Dr. Nancy T. Poe, Minor Adviser

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Website: http://www.jmu.edu/cisat/minors/family_issues.html

The minor in family studies is designed for undergraduates seeking enhancement of their major, desiring to increase understanding of self and relationships, and seeking to make a positive contribution to society. A substantial knowledge of family-related issues, family processes, policies, laws, services and the interrelationship of families and societies will enhance majors in many fields including anthropology, early and middle education, health sciences, management, nursing, psychology, social work and sociology. The minor encourages students to make connections between their major field and family studies, thereby adding value to the major. The family studies minor requires a minimum of 18 credit hours with no more than six credit hours in the student’s major.

One introductory course is required: either FAM 133 or SOCI 276. One course must be selected from each of these areas: Families in society, family and intimate relationships, and human development in the family. An additional course must be selected from any of the three areas or from family studies electives. A capstone course, FAM 400, is also required. At least four courses in the minor, including the introductory course, must have been completed prior to enrolling in FAM 400.

Required Courses

Introductory course (choose one of the following):
FAM 133. Contemporary Family
SOCI 276. Sociology of the Family
Families in Society (choose one of the following):
ECON 306. Economics of Women and the Family
GERN/SOCI 280. Social Gerontology
HIST 468. The Family 1400-1800
SOCI 303. Sociology of Death and Dying
SOCI 337. Sociology of Gender
SOWK 338. Issues and Policies in Family Services
SOWK 342. Child Welfare Services
Family and Intimate Relationships (choose one of the following):
HTH 372. Human Sexuality
PSYC 275. Psychology of Human Intimacy
PSYC 450. Psychology of Child Abuse and Neglect
SOWK 340. Violence in Families
Human Development in the Family (choose one of the following):
FAM 300. Child Development
FAM 335. Parent-Child Relationships Across the Lifespan

http://www.jmu.edu/catalog/14
The cross disciplinary minor in gerontology is designed for any undergraduate major desiring a concentration of study in gerontology for personal understanding or career preparation.

### Required Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
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<tbody>
<tr>
<td>GERN 305. Programs and Services for the Elderly</td>
<td>3</td>
</tr>
<tr>
<td>GERN 306. Death and Dying: Thanatology</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 385. Developmental Psychology</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 470. Psychology of the Young Adult</td>
<td>3</td>
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<tr>
<td>PSYC 475. Psychology of Adulthood</td>
<td>3</td>
</tr>
<tr>
<td>SMAD 462. Documentary in Film and Television</td>
<td>3</td>
</tr>
<tr>
<td>SMAD 463. Film Adaptations as Art</td>
<td>3</td>
</tr>
<tr>
<td>SMAD 460. Movies and Society</td>
<td>3</td>
</tr>
<tr>
<td>SMAD 498. Senior Seminar</td>
<td>3</td>
</tr>
<tr>
<td>SOWK 387. Working with Teenagers</td>
<td>3</td>
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</tbody>
</table>

1. Course has one or more prerequisites.
2. May not also take PSYC 450 in the minor.
3. May not also take SOCI 303 in the minor.
4. May not also take PSYC 304 in the minor.
5. May not also take SOWK 340 in the minor.
6. May not also take PSYC 385 in the minor.
7. May not also take FAM 300 in the minor.
8. 50 percent in gerontology
9. fi eld of study with 50 percent of the course content in gerontology
10. 50 percent in gerontology

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### Historical Archaeology

**Dr. Dennis Blanton, Minor Adviser**

Phone: (540) 568-7390  
Email: blantodb@jmu.edu

**Dr. Gabrielle Lanier, Minor Adviser**

Phone: (540) 568-3615  
Email: laniergm@jmu.edu

Website: http://www.jmu.edu/hs/mathematical_sciences/minor.html

The minor is designed for students interested in the sub-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 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>
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<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>
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</tbody>
</table>

Choose three of the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANTH/HIST 496. Research Thesis</td>
<td>9</td>
</tr>
</tbody>
</table>

Of these, one course must be chosen from the history/archaeology options and one must be from the geology or geography options.

### Humanitarian Affairs

**Prof. Sarah O’Connor, Coordinator**

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

**Dr. Mary Tacy, Coordinator**

Phone: (540) 568-6122  
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.

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