

## Gerontology

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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	Credit Hours
GERN/SOCI 280. Social Gerontology	3
GERN 305. Programs and Services for the Elderly <sup>1</sup>	3
GERN 400. Skills and Techniques <sup>1</sup>	3
GERN 495. Field Experience/Seminar <sup>1</sup>	3
Major elective (a course supporting the student's major or related field of study with 50 percent of the course content in gerontology)	3
Elective (must be a course in which the content is at least 50 percent in gerontology)	3
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<sup>1</sup> Course has one or more prerequisites.

## Historical Archaeology

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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	Credit Hours
ANTH/HIST 331. Historical Archaeology	3
ANTH 494. Field Techniques in Archaeology	4
HIST/ARTH 396. Introduction to Public History	3
Capstone research course <sup>1</sup>	3
ANTH/HIST 496. Research Thesis	9
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. <sup>2</sup>	
ANTH 410. Spatial Analysis for Anthropologists	
ANTH 455. Archaeology: Methods of Analysis and Interpretation	
HIST/ARTH 394. Introduction to Museum Work	
HIST/ANTH/ARTH 492. Material Culture	
HIST/ARTH 493. Historic Preservation	
GEOL 340. Environmental Soil Science	
GEOL 366. Introduction to Geographic Information	
GEOL 442. Field Geophysics	

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<sup>1</sup> 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.

<sup>2</sup> Access to geology and geography courses is competitive and will require some computer experience.

## Humanitarian Affairs

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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 humanitarianism 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 in humanitarian studies is open to all undergraduate students at JMU. Three of the required 18 credit hours must consist of HUMN 201. In addition, students are strongly encouraged to choose HUMN 490 as three of the other fifteen credits hours needed to complete the minor. The international experience must be one that will enhance the student's knowledge of humanitarian issues and be approved by the humanitarian affairs minor coordinators. This experience can be completed abroad or with an international organization in the United States.

Core Requirements	Credit Hours
HUMN 201. Introduction to Humanitarian Affairs	3
Choose five of the following, with no more than two from any single discipline:	15
HUMN/GEOG 301. Introduction to Natural Disasters	
HUMN 350. Topics in Humanitarian Assistance	
HUMN/GEOG 360. GIS for Humanitarian Assistance	
HUMN 490. Humanitarian Affairs Field Experience <sup>1</sup>	
ANTH/SOCI 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 323. Geography of Human Genetics and Infectious Disease	
GEOG 335. Geography of Africa	
GEOG 339. Geography of the Caribbean	
GEOG 345. Geography of Poverty	
GEOG 375. Political Geography	