The minor requires at least 18 credit hours, chosen from courses offered both at JMU and in London. Students may double count a maximum of six credit hours toward both a major and this minor.

**Courses**

**Required Courses**

- SCOM 248, Intercultural Communication 1
- SCOM/SMAD 360L, British Media and Society 2

**Elective Courses**

Select at least four of the following courses:

- ENG/SMAD 460L, Film Adaptations: British Literature and Film 2
- POSC/SMAD 472L, Media and Politics in the U.K. 2
- SCOM 347L. Communication, Diversity & Pop Culture in the U.K. 2
- SMAD 301L/ARTH 389, The Media Arts: Culture By Design 2
- or SCOM/WRTC 351L, Visual Rhetoric 2
- THEA 449/ENG 412N, The London Theatre 2
- WRTC 320L/SCOM 321L, Writing In The Public Sphere 2
- IDLS 486, Internship 2

Appropriate independent studies and directed projects taken at JMU or in London and appropriate semester in London faculty member in residence courses may be counted as part of the minor with approval by the minor coordinator.

1 Must be taken in Harrisonburg at JMU. Regularly offered in fall semesters.
2 Must be taken in London.

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**Chronic Illness**

**Dr. Monty Gross, Coordinator**

Phone: (540) 568-8914   E-mail: grossmd@jmu.edu

The cross disciplinary minor in chronic illness prepares students from any major to understand and respond to the impacts of chronic illness on the individual, family, health care system and society. Knowledge and strategies to address the prevention and the management of chronic illness across its trajectory will enhance the skills and abilities of students who plan to practice in any profession. The minor is open to all undergraduate students at JMU. The minor requires a minimum of 18 credits with no more than 6 credits in the student’s major counting toward the minor.

**Core Requirements**

- NSG 390, Impact of Chronic Illness 3
- NSG 391, Living Successfully with Chronic Illness 3

**Additional Courses**

Select 12 credits from the following. Students completing the nursing major should select six credits.

- EXED 306, Lifespan Issues for Individuals with Disabilities 3
- GERN/SOCI 280, Social Gerontology 3
- GERM 305, Programs and Services for the Elderly 3
- NSG 310, Helping Persons in Pain 2
- NSG 311, End of Life Care 1
- NSG 313, Issues and Applications of Family Caregiving 1-2
- NSG 320, Innovative Diabetes Health Education 1
- NSG 321, Introduction to Client Education 2
- NSG 490, Special Topics 1-2
- PSYC 304, Death and Dying: Thanatology 3
- SOWK 332, Community Mental Health Practice 3
- SOWK 442, Social Work in Health Care 3
- HHS 490, Exploring Universality and Diversity in Promoting Health 4 (Study Abroad in Costa Rica)

Special topic courses or other courses with a strong correlation to chronic illness not listed may be applied to the minor with the approval of the minor coordinator.

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**Classical Studies**

**Dr. Stephen Chappell, Coordinator**

Phone: (540) 568-4708   E-mail: chappesx@jmu.edu

Website: http://www.jmu.edu/philrel/phil/classical.html

The minor in classical studies introduces students to the literature, culture, philosophy, history and languages of Greco-Roman civilization. The requirement is successful completion of 24 credits chosen from the following courses offered by participating academic units. Students who take Latin or Greek can apply up to 12 credit hours to the minor.

**Required Courses**

Choose one of the following:

- HUM 250, Foundations of Western Culture: The Greek Experience 3
- HUM 250, Foundations of Western Culture: The Roman Experience 3

Choose seven of the following:

- GRK 101-102, Elementary Greek
- GRK 231-232, Intermediate Greek
- LAT 101-102, Elementary Latin
- LAT 231-232, Intermediate Latin
- ARTH 205, Survey of Visual Art I: Prehistoric to Renaissance
- ARTH 322, Ancient Art
- ARTH 340, Early Medieval Art
- ARTH 424, Arts of Ancient Egypt
- CLASS 100, Greek and Latin Roots of English Words
- CLASS 265, The Individual and Society in Ancient Greece and Rome
- CLASS 266, Greek and Roman Classics in Translation
- CLASS 337, Human Values: The Classical Tradition
- CLASS 360, Topics in Greek and Roman Culture
- ENG 305, Mythology
- HIST 101, World History to 1500
- HIST 369, Greek History, 3000 BC - AD 267
- HIST 391, Travel Studies Seminar
- HIST 455, World Political and Social Thought to Early Modern Times
- HIST 474, The Byzantine Empire
- HIST 467, The Roman Republic
- HIST 468, The Roman Empire
- HIST 489, Selected Topics in World History (when topic is related to Greece or Rome)
- PHIL 340, Ancient Greek Philosophy
- PHIL 460, Topics in Classical Philosophy
- POSC 310, Political Theory Ancient to Early Modern
- REL 202, Introduction to the New Testament
- REL 240, Jesus and the Moral Life
- REL 344, Christianity in the Roman Empire
- REL 345, Religions in Greece and Rome
- REL 360, History of Western Religious Thought
- REL 460, Topics in Ancient Jewish and Early Christian Literature 4

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**Creative Writing**

**Ms. Laurie Kutchins, Coordinator**

Phone: (540) 568-3756   E-mail: kutchil1@jmu.edu

Website: http://www.jmu.edu/english/minors.html

The cross disciplinary minor in creative writing is designed to give students an opportunity to develop their writing talents across a number of literary forms and communication contexts. By developing course selections in poetry, fiction and creative non-fiction matched with those in stage and screenplay writing, students may tailor the program to suit a variety of artistic goals and professional objectives. The choice of at least one course from a group involving literary analysis and media criticism ensures perspective on current issues affecting readers and viewers, writers and their creative works.

The minimum requirement for a minor in creative writing is 18 hours. Two courses may be double-counted between the minor and the major.

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Students electing this minor may acquire more information from the creative writing adviser of the Department of English, the School of Media Arts and Design, or the School of Theatre and Dance.

**Required Courses**

Select four or five courses from the offerings of at least one department:

- **ENG 391. Introduction to Creative Writing — Nonfiction**
- **ENG 392. Introduction to Creative Writing — Poetry**
- **ENG 393. Introduction to Creative Writing — Fiction**
- **ENG 493. Advanced Creative Nonfiction**
- **ENG 494. Advanced Poetry Writing**
- **ENG 495. Advanced Fiction Writing**
- **SMAD 250. Scriptwriting (subject to availability)**
- **SMAD 251. Screenwriting**
- **SMAD 311. Feature Writing**
- **SMAD 340. Advanced Screenplay Writing**
- **SMAD 498. Senior Seminar (when topic is appropriate)**

Select one or two courses from the following:

- **ENG 483. Narrative Form**
- **ENG 484. Poetic Craft and Creativity**
- **ENG 496. Advanced Topics in Creative Writing**
- **SMAD 373. Media Analysis and Criticism**
- **SMAD 463. Film Adaptations**
- **THEA 481. Theory and Performance Studies**

**Criminal Justice**

**Dr. Peggy Plass, Coordinator**

Phone: (540) 568-7151  
E-mail: plassms@jmu.edu  
Web site: http://www.jmu.edu/justicestudies/cjminor.htm

The cross disciplinary minor in criminal justice is designed for students who are preparing for careers in law enforcement, corrections, judicial administration or other areas related to the study or management of crime, either directly upon graduation or after further graduate training.

**Required Courses**

- **CRJU 215. Introduction to Criminal Justice** 3
- **CRJU 225. Ethics in Criminal Justice** 3

Choose at least one course from each of the following units:

**Human Behavior**

- **SOCI 214. Social Deviance**
- **SOCI 327. Juvenile Delinquency**
- **SOCI/CRJU 325. Criminology**
- **PSYC 250. Introduction to Abnormal Psychology**

**Law and Procedure**

- **CRJU 321. Criminalistics**
- **CRJU 327. Criminal Law**
- **CRJU 328. Criminal Procedure**
- **CRJU 329. Criminal Investigation and Evidence**

**Institutions**

- **CRJU 330. Corrections**
- **CRJU 335. Law Enforcement**
- **CRJU 337. Courts and the Judiciary**
- **CRJU 340. Administration in Criminal Justice**

Choose two additional courses from those listed above or from the following:

- **CRJU 301. Special Topics in Criminal Justice**
- **CRJU 401. Internship in Criminal Justice**

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**Environmental Information Systems**

**Dr. Steven P. Frysinger, Coordinator**

Phone: (540) 568-2710  
E-mail: frysinsp@jmu.edu  
Web site: http://www.jmu.edu/EnvironmentalInfoSys/

The cross disciplinary minor in environmental information systems is designed for undergraduates interested in using computer and information management technology to solve environmental problems and improve environmental stewardship. Some examples of environmental information systems are database systems to track and report hazardous materials in factories, decision support systems to facilitate risk analysis and management, GIS-based natural resource inventory systems, and automated business management systems to support and document environmental compliance.

The environmental information systems minor requires a minimum of 24 credit hours. Core courses are intended to ensure knowledge of the foundation disciplines. Electives should be chosen in consideration of the student’s particular interests within the general field of environmental information systems. At least one elective course must be outside of the student’s major. Students are advised to check prerequisites of listed courses.

**Required Courses**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>ISAT 252 and CIS 221 substitute for CS 139; CIS 331 substitutes for CS 239; ISAT 340 and COB 204 substitute for CS 274, CIS 330 substitutes for CS 474.</td>
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</tbody>
</table>

**Elective Courses**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
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</thead>
<tbody>
<tr>
<td>CIS/MS 364. Decision Support Systems</td>
<td>3</td>
</tr>
<tr>
<td>CS 239. Advanced Computer Programming</td>
<td>4</td>
</tr>
<tr>
<td>CS 474. Database Design and Application</td>
<td>3</td>
</tr>
<tr>
<td>GEOS 216. Geospatial Tools I — Remote Sensing and GPS</td>
<td>3</td>
</tr>
<tr>
<td>GEOS 366. Introduction to Geographic Information Science</td>
<td>3</td>
</tr>
<tr>
<td>GEOS 385. Principles of Remote Sensing</td>
<td>4</td>
</tr>
<tr>
<td>GEOS 466. GIS and Geographic Databases</td>
<td>3</td>
</tr>
<tr>
<td>ISAT 341. Modeling and Simulation</td>
<td>3</td>
</tr>
<tr>
<td>ISAT 420. Environmental Analysis and Modeling</td>
<td>3</td>
</tr>
<tr>
<td>ISAT 426. Environmental Information Systems</td>
<td>3</td>
</tr>
</tbody>
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**Environmental Management**

**Dr. Steven P. Frysinger, Coordinator**

Phone: (540) 568-2710  
E-mail: frysinsp@jmu.edu  
Web site: http://www.jmu.edu/environmentalmgmt/

The cross disciplinary environmental management minor prepares students to apply the principles of environmental science and engineering to contemporary environmental problems in natural resource, industrial and public policy contexts. The minor is particularly suitable for students interested in professional careers in industrial environmental management, natural resources management, and environmental policy and planning. After fulfilling prerequisite requirements in biology and statistics, students pursue the minor by completing core courses and electives.

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