

Required Courses	Credit Hours	Required Courses	Credit Hours
BIO 224. Genetics and Development	4	Choose one of the following:	3
BIO 480. Advanced Molecular Biology	4	GHUM 250. Foundations of Western Culture: The Greek Experience	
CHEM/BIO 361. Biochemistry I	3	GHUM 250. Foundations of Western Culture: The Roman Experience	
CHEM 362. Biochemistry II	3	Choose seven of the following:	21
CHEM 366L. Biochemistry Laboratory	2	GRK 101-102. Elementary Greek	
Choose one of the following:	4	GRK 231-232. Intermediate Greek	
CHEM 331. Physical Chemistry including		LAT 101-102. Elementary Latin	
CHEM 336L. Physical Chemistry Laboratory		LAT 231-232. Intermediate Latin	
CHEM 351. Analytical Chemistry		GARTH 205. Survey of Work Art I: Prehistoric to Renaissance	
	20	ARTH 322. Ancient Art	
		ARTH 340. Early Medieval Art	
		ARTH 424. Arts of Ancient Egypt	
		CLAS 265. The Individual and Society in Ancient Greece and Rome	
		CLAS 266. Greek and Roman Classics in Translation	
		CLAS 337. Human Values: The Classical Tradition	
		CLAS 360. Topics in Greek and Roman Culture	
		ENG 305. Mythology	
		GHIST 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 346. Religions in Greece and Rome	
		REL 360. History of Western Religious Thought	
		REL 460. Topics in Ancient Jewish and Early Christian Literature	24

British Communication and Media

Dr. Rustin Greene, Coordinator

Phone: (540) 568-7806

E-mail: greenerp@jmu.edu

The interdisciplinary British communication and media minor enables students to expand their knowledge of communication and media in Great Britain, and to enhance their appreciation of the impact culture has on communication and media. Students must participate in the JMU Semester or Summer In London program to complete this minor.

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 Credit Hours

Required Courses	6
SCOM 248. Intercultural Communication ¹	
SCOM/SMAD/WRTC 360L. British Media and Society ²	
Elective Courses	12
Select at least four of the following courses:	
SCOM 347L. Communication, Diversity & Pop Culture in the U.K. ²	
SMAD 301L. Culture By Design ² or	
SCOM/WRTC 351L. Visual Rhetoric ²	
WRTC 320L/SCOM 321L. Writing In The Public Sphere ²	
ENG/SMAD 463L. Film Adaptations: British Literature and Film ²	
POSC/SCOM/SMAD 472L. Media and Politics in the U.K. ²	
THEA 449/ENG 412N. The London Theatre ²	
GEIC 490L. Internship ²	

Appropriate independent studies, directed projects and Semester In London Faculty Member In Residence courses may be counted as part of the minor with approval by the minor coordinator. May be taken in either Harrisonburg at JMU or in London.

¹ Must be taken in Harrisonburg at JMU

² Must be taken in London

³ May be taken in Harrisonburg or in London

Classical Studies

Dr. Stephen Chappell, Coordinator

Phone: (540) 568-4708

E-mail: chappesx@jmu.edu

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 departments. Students who take Latin or Greek can apply up to 12 credit hours to the minor.

Creative Writing

Ms. Erica Bleeg, Coordinator

Phone: (540) 568-6860

E-mail: bleegek@jmu.edu

Web site: <http://www.jmu.edu/english/minors.html>

The interdisciplinary 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 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. 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	Credit Hours
Select four or five courses from the offerings of at least two departments:	12-15
ENG 391. Introduction to Creative Writing – Nonfiction	
ENG 392. Introduction to Creative Writing – Poetry	
ENG 393. Introduction to Creative Writing – Fiction	
ENG 412. Special Topics Seminar (when topic is appropriate)	
ENG 493. Creative Nonfiction	
ENG 494. Advanced Poetry Writing	
ENG 495. Advanced Fiction Writing	
SMAD 250. Scriptwriting (subject to availability)	
SMAD 251. Screenplay Writing	
SMAD 311. Feature Writing	
SMAD 340. Advanced Screenplay Writing	
SMAD 498. Senior Seminar (when topic is appropriate)	
THEA 347. Playwriting (may be taken as ENG 347)	
THEA 440. Seminar in Theatre (when topic is appropriate)	
Select one or two courses from the following:	3-6
ENG 302. Special Topics (when topic is appropriate)	
ENG 412. Special Topic Seminar: Image and Text in Art and Poetry	
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 interdisciplinary 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. The requirement for a minor in criminal justice is 21 credit hours including:

Required Courses	Credit Hours
Choose two of the following:	6
CRJU 215. Introduction to Criminal Justice	
SOCI/JUST 325. Criminology	
PSYC 250. Introduction to Abnormal Psychology (Non PSYC majors only) or PSYC 335. Abnormal Psychology (PSYC majors)	
Choose five from the following: (Courses must be in at least two different academic disciplines)	15
PHIL 325. Crime, Punishment and Justice	
POSC 326. Civil Rights	
PSYC 250. Introduction to Abnormal Psychology (Non PSYC majors) or PSYC 335. Abnormal Psychology (PSYC majors)	
PSYC 312. Forensic Psychology	
CRJU 215. Introduction to Criminal Justice	
CRJU 328. Criminal Procedure	
CRJU 329. Criminal Investigation and Evidence	
JUST 327. Criminal Law	
JUST 323. Comparative Criminal Justice	
SCOM 231. Introduction to Alternative Dispute Resolution	
SCOM 331. Communication and Conflict	
SOCI 214. Social Deviance	
SOCI/JUST 325. Criminology	
SOCI 327. Juvenile Delinquency	
SOCI 330. Corrections	

Any one of the following may be taken as an elective¹:

POSC 495. Internship in Political Science
 PSYC 495. Field Placement in Psychology
 PPA 496. Internship in Public Management
 SOCI 485. Internship in Sociology

Any one of the following may be taken as an elective²:

PSYC 402. Independent Research in Psychology
 SOCI 490. Special Studies in Sociology

21

¹ Internships must be in a criminal justice-related field in order to receive credit for the criminal justice minor. Credit for only one internship will be given toward the minor.
² Readings and research courses must be specifically related to the field of criminal justice. Students may register for only one readings and research class for credit toward the minor.

Transfer Credit

A maximum of three courses may be transferred into the criminal justice minor from other institutions. No transfer credit will be given for any course offered in the minor at the 300 or 400 level.

Environmental Information Systems

Dr. Steven P. Frysinger, Coordinator

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

The interdisciplinary 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	Credit Hours
Core Courses	
CS 139. Algorithm Development1	4
CS 274. Introduction to Databases1	3
ISAT 320. Fundamentals of Environmental Science and Technology I	3
ISAT 321. Fundamentals of Environmental Science and Technology II	3
GEOG 215. Geospatial Tools I—Cartography and GIS1	3
Elective Courses	
CIS/MS 364. Decision Support Systems	3
CS 239. Advanced Computer Programming ¹	4
CS 474. Database Design and Application ¹	3
GEOG 216. Geospatial Tools II—Remote Sensing and GPS	3
GEOG 366. Introduction to Geographic Information Science	3
GEOG 385. Principles of Remote Sensing	4
GEOG 466. GIS and Geographic Databases	3
ISAT 341. Modeling and Simulation	3