

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 ¹ :	
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 ² :	
PSYC 402. Independent Research in Psychology	
SOCI 490. Special Studies in Sociology	

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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

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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 Development ¹	4
CS 274. Introduction to Databases ¹	3
GEOG 366. Geographic Information Science ¹	3
ISAT 320. Fundamentals of Environmental Science and Technology I	3
ISAT 321. Fundamentals of Environmental Science and Technology II	3
Elective Courses	
CIS/MS 363. Simulation ¹	3
CIS/MS 483. Strategic Decision Making	3
CS 239. Advanced Computer Programming	4
CS 474. Database Design and Application	3
GEOG 230. Spatial Thinking and Problem Solving	3
GEOG 385. Principles of Remote Sensing	3
GEOG 466. GIS and Geographic Databases	3
ISAT 420. Environmental Analysis and Modeling	3
ISAT 426. Environmental Information Systems	3
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¹ Or equivalent by permission of director. Note that: ISAT 242 substitutes for CS 139; ISAT 340 substitutes for CS 274; ISAT 341 substitutes for CIS 363

Environmental Management

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The environmental management program prepares students to apply the principles of environmental science and engineering to contemporary environmental problems in both natural resource and industrial contexts. Students from a variety of majors can pursue an interdisciplinary minor in environmental management. After completing prerequisite foundation courses in science and math, students pursue the minor by completing core courses and a concentration, optionally culminating in a capstone thesis or project.

The environmental management program strives to develop graduates who are literate in and competent with the foundation sciences and mathematics underlying environmental science and engineering, and who can apply science and technology to a broad range of practical environmental problems.

Minor Requirements

The environmental management minor requires a total of 22 credits, excluding prerequisite cognate courses and an optional seminar and thesis. The cognate courses, or their equivalents, must have been completed successfully before the student may be enrolled in the environmental management minor. This may be accomplished as part of the student's major.