Southern Illinois University at Carbondale – Geography and Environmental Resources

Emergency Management Related Courses

Geography at Southern Illinois University (SIU) Carbondale focuses on environmental sustainability, geographic information science, climatology, and water resources at the undergraduate and graduate levels. Field work, computer-based analysis, and internships are prominent components of the integrated environmental problem-solving approach evident in both undergraduate and graduate programs. We have two computer labs: the Environmental GIS Laboratory and the Advanced Geospatial Analysis Laboratory, which give our students hands-on experience with current computing technology.

The computing environment at the SIU Carbondale campus provides easy access and 24-hour availability to all SIU Carbondale students. SIUs recently renovated Morris Library is one of the largest in North America with 2.6 million volumes, 200,000 e-books, 43,000 current periodicals and serials, 255,000 maps and 93,000 aerial photographs. We are located in Carbondale, a city of 26,000 residents that is 100 miles southeast of St. Louis. Our region is rugged and picturesque, with two state parks and five large recreational lakes within ten miles of campus. Students often conduct fieldwork in the nearby natural areas, including the Shawnee National Forest and federal and state wildlife refuges.

The SIU Sustainability Council works to bring together and highlight campus programs and departments that work to make campus more sustainable while also conducting research and helping the campus community achieve sustainability. The SIU Carbondale Green Fund supports on-campus renewable energy, energy efficiency, and sustainability by providing funding for projects, student travel, and research. The town of Carbondale is also environmentally progressive with curb-side recycling, a comprehensive public bus system, and three weekly farmers' markets.

Sample of Courses Related to Emergency Management:

- 401-3 Geographic Information Systems (GIS)
- 406-3 Introduction to Remote Sensing
- 408-3 Advanced Remote Sensing
- 420-3 Advanced GIS
- 424-3 Sustainable Development
- 436-3 Natural Hazards
- 439-3 Global Climate Change
- 471-3 Environmental Impact Analysis

Southern Illinois University at Carbondale is accredited by the Higher Learning Commission of the North Central Association of Colleges and Schools.

For more information contact:

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