The Hazardous Materials Management program is a managerial support curriculum. The program is designed to prepare individuals for positions in the safe handling, transporting, and managing of hazardous materials and toxic chemicals. The program will include definition of hazardous materials, regulations, technologies for storage and disposal of hazardous materials. Emphasis will be placed on environmental issues, industrial hygiene and hazardous waste management. We also have added a new concentration in emergency management. The emergency management concentration introduces basic models, theories, and concepts that underlie modern emergency management's understanding of hazards and disaster. The Hazardous Materials Management program is under the Department of Industrial Systems and Technology, College of Engineering, Science and Technology.

36 credit hours are required to complete the degree program.

Required Core Courses:

* For Hazardous Materials Management Concentration
** For Emergency Management Concentration

ITHM 500 Graduate Research/Thesis (1-3)
ITHM 520 Introduction to Hazardous Materials Management (3)*
ITHM 521 System Modeling (3)
ITHM 522 Chemistry of Hazardous Materials (3)
ITHM 523 Statistics/Data Analysis (3)*,**
ITHM 524 Public Issue in Hazardous Materials/Waste (3)*
ITHM 525 Natural Resources and Conservation (3)*,
ITHM 526 Environmental Regulation (3)*
ITHM 527 Water and Wastewater treatment (3)
ITHM 528 Waste Minimization (3)
ITHM 529 Environmental Toxicology and Risk Assessment (3)*
ITHM 530 Industrial Waste Treatment and Technology (3)
ITHM 531 Water/Wastewater Laboratory (1)
ITHM 532 Emergency Management for Hazardous Mat. Mgt. (3)
ITHM 533 Application of GIS in Hazardous Materials Mgt. (3)**
ITHM 534 Independent Study (3)
ITHM 535 Occupational Safety and Industrial Hygiene (3)
ITHM 536 Hazards Risk Management (3)*
ITHM 537 Social and Economic Impact of Disaster (3)**
ITHM 538 Nature Hazards and Terrorism (3)**
ITHM 539 Radiation Safety and Preparedness (3)**

Jackson State University is accredited by the Southern Association of Colleges and Schools and The Association of Technology, Management and Applied Engineering.

For more information contact:
Dr. Pao-Chiang Yuan
Professor, Coordinator of Hazardous Materials Management Program
Jackson State University
Box 18480, 1400 Lynch Street
Jackson, Mississippi 39217
Phone: 601-979-2489
Email: pao-chiang.yuan@jsums.edu

Additional information: http://www.jsums.edu/technology/

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