



MASTER OF SCIENCE OCCUPATIONAL SAFETY



DEPARTMENT OF TECHNOLOGY SYSTEMS, COLLEGE OF TECHNOLOGY AND COMPUTER SCIENCE

The Master of Science in Occupational Safety (MSOS) at East Carolina University prepares graduates for leadership positions in occupational safety and related fields. The program provides practical and academic experiences in the design and management of enterprise-wide safety systems such that organizational resources are prepared, protected, and preserved from risk, danger, and loss. The foundational principles and overarching academic goals of the MSOS program include ensuring effective communications skills, the ability to think critically and solve occupational safety issues, and to develop applied research skills. Visit the Department web page at: <http://www.tecs.ecu.edu/tsys/grad/msos.htm> .

Required Courses

SAFT 6040 Communications, Critical Thinking, and Research Methods in Occupational Safety (first class to be taken)
ITEC 6000 Statistical Applications in Industry
ITEC 6406 Capital Project and Cost Analysis for Technology

Elective Courses (7 of 8)

ITEC 6001 Work Measurement and Design	EHST 6700 Industrial Hygiene Application
SAFT 6292 Industrial Safety	SAFT 6290 Fire Protection and Prevention
SAFT 6320 HAZMAT and Environmental Operations	SAFT 6282 Design for Safety and the Environment
SAFT 6402 Applied Safety Management	SAFT 6288 Contemporary Issues in Occupational Safety

Admission Standards

An applicant must have a baccalaureate degree from an institution accredited by a regional association and have an overall GPA of 2.5 on a 4.0 scale on all undergraduate work. Each applicant must take a standardized graduate test (Graduate Record Examination (GRE) or the Miller Analogies Test (MAT)) and achieve a minimum score at the 35th percentile. Three letters of recommendation and a statement of purpose are required. Full requirements, responsibilities, and procedures of the Graduate School are located at: <http://www.ecu.edu/gradschool/>. Additionally, the Department webpage provides admissions information. Students may take up to 3 classes before officially applying to the University.

East Carolina University is a constituent institution of the University of North Carolina and offers more than 100 bachelor's degree programs, nearly 80 master's degree programs, and 13 doctoral programs in our professional colleges and the Brody School of Medicine. ECU is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools (SACS) to award bachelor's, master's, and doctoral degrees. SACS is one of the eight regional accrediting organizations recognized by the Council for Higher Education Accreditation.

ECU's Department of Technology Systems is a national leader in offering graduate, technology related degrees online. The program is Internet-based and students are advised, complete courses, collaborate on projects, perform research, and complete the degree via distance education. Each student should have a state-of-the-art computer, reliable Internet access, microphone, and Microsoft Office software. Students will spend 10-15 hours per week in preparing for and participating in each course. Most of the students in the program are working professionals. Average completion time is 24 – 28 months if six credits per semester are taken. Courses are scheduled in a sequence over the fall, spring, and summer semesters and this allows program entry in any semester. Formats for the courses vary but all include frequent interaction with the instructor and other students. Courses are offered using a variety of Internet-based tools including streaming video, Power Point Producer presentations, email, chat, threaded discussion, web, file transfer, and other collaboration tools. The first course in the program, SAFT 6040, introduces the use of these tools in a collaborative research/study environment.

For more information contact:

Michael Behm, PhD CSP
Assistant Professor and Graduate Coordinator
406 Science and Technology Complex
East Carolina University, Greenville, NC 27858-4353
252-328-9674; behmm@ecu.edu

Graduate Program Administrator
203 Science and Technology Complex
East Carolina University, Greenville, NC 27858-4353
252-328-9653
mstechsystems@ecu.edu