

M.S. in Safety Science

The Master of Science in Safety Science (MSSS) degree program is designed to provide students with a practical course of study in aviation safety and occupational safety. The degree program produces safety professionals who are skilled in providing safety management and technical expertise in a variety of industries. Graduates will be able to provide leadership, training, and guidance in safety program implementation and compliance issues involving EPA, OSHA, FAA, NTSB, and state health and workplace standards.

The MSSS degree prepares graduates for professional safety positions in a variety of organizational settings, including aviation. Students will qualify for jobs such as aircraft accident investigator, aviation or general safety manager, operations safety coordinator, and safety designer. The degree offers the opportunity for students to explore both the theoretical and pragmatic discipline that safety has become. Particularly in light of extensive interest by the private sector and by government entities, this degree offers safety professionals the advanced education and credentials necessary to succeed in the practice of safety.

The MSSS is a 33 credit hour program of study. Elective coursework must be selected from the elective list. All elective courses may not be offered every year. Check with an advisor or program chair for a schedule of course offerings.

Preference will be given to applicants with an undergraduate background that includes college-level mathematics, social, behavioral and physical sciences, aviation, engineering, or other related disciplines.