

CONSTRUCTION SAFETY (M.S.)

- Effectively communicate the concept of risk with workers, leadership, and the public.

The Master of Science in Construction Safety degree program provides students with a flexible, relevant, and current curriculum that includes opportunities for students to demonstrate a depth and breadth of knowledge in construction safety theory and technology, organizational sciences, and leadership necessary to further the careers of safety professionals.

Code	Title	Credits	Completed
Major Requirements (36 Credits)			
<i>Core Courses</i>			
SAFE-601	Current Issues in Safety	4	_____
SAFE-605	Safety Management Systems	4	_____
SAFE-606	Construction Practices	4	_____
SAFE-607	Construction Evolution	4	_____
SAFE-608	Leadership Dev in Const	4	_____
SAFE-610	Risk and Safety	4	_____
SAFE-620	Legal & Ethical Issues	4	_____
SAFE-655	Adv Safety Research	4	_____
<i>Select one of the following:</i>		4	_____
SAFE-695	Graduate Practicum		_____
SAFE-696	Applied Safety Research		_____
SAFE-699	Thesis		_____
Total Credits		36	_____

Upon completion of the Construction Safety M.S. degree, students will be able to:

- Develop effective strategies for communicating safety strategies and program goals to upper management.
- Develop and use team-based approaches to analyze and resolve complicated, multi-factorial safety challenges.
- Recommend sound management solutions that include budget, return on investment, and impacts on safety culture for construction safety and health related issues.
- Conduct research to acquire and use information and data from professional journals and recognized sources to analyze a current construction safety issue.
- Integrate organizational and adult learning theory into the formulation of safety policies and programs.
- Develop the leadership skills necessary to negotiate with industry regulators.