

Occupational Safety & Ergonomics — Graduate Certificate

This graduate certificate prepares individuals who are seeking advanced knowledge in occupational safety and ergonomics fields. Students who complete the certificate will have a strong foundation in topics such as safety engineering, risk quantification, ergonomics, human factors engineering, and occupational biomechanics.

Code	Title	Hours
Occupational Safety & Ergonomics (Graduate Certificate)		
Select 15 hours from the following:		15
INSY 6010	Occupational Safety Engineering	
INSY 7020	System Safety Engineering	
INSY 7060	Fundamentals of Ergonomics	
INSY 7070	Occupational Biomechanics	
INSY 8060	Contemporary Ergonomics	
INSY 7040	Cognitive Engineering and System Design	
INSY 6050	Industrial Hygiene and Environmental Hazards	
INSY 6080	Human Factors Engineering	
PSYC 7760	Occupational Health Psychology	
PSYC 7700	Foundations in Industrial and Organizational Psychology	
INSY 7940	Industrial and Systems Engineering Problems	
INSY 7970	Industrial and Systems Engineering Special Topics	
INSY 8010	Advanced Safety Engineering	
INSY 8020	Research Methods in Occupational Safety, Ergonomics, and Injury Prevention	
Total Hours		15