

OCCUPATIONAL SAFETY, BACHELOR OF SCIENCE (BS) & SAFETY, SECURITY, AND EMERGENCY MANAGEMENT MASTER OF SCIENCE (MS) ACCELERATED 3 + 2 DUAL DEGREE PROGRAM

Students accepted to the 3+2 Accelerated Dual Degree Option are able to complete their B.S. and M.S. degrees. The program is an accelerated curriculum because 9 semester hours of 800-level graduate coursework will apply to both the B.S. and M.S. degrees. Only undergraduate students of proven academic ability will be considered for the program.

ADMISSION REQUIREMENTS

Students interested in this option must satisfy all the following conditions:

- Junior or Senior standing
- Overall grade point average (GPA) of at least 3.0 at the time of admission to the 3+2 option
- Approval from department and Graduate School (see the form at <http://gradschool.eku.edu/graduate-school-forms> (<http://gradschool.eku.edu/graduate-school-forms/>))
- Must maintain an overall undergraduate and graduate grade point average (GPA) of at least 3.0 to continue in the 3+2 option

Program Requirements

Students in 3+2 Accelerated Dual Degree Option must complete the listed Occupational Safety (B.S.) program requirements along with the same requirements for the M.S. Safety, Security and Emergency Management as presented in the Graduate Catalog. Nine (9) credit hours of 800-level graduate coursework (SSE 828, SSE 832, and SSE 845) are applicable to the undergraduate degree.

CIP Code: 15.0703

Summary Checklist for General Education

Code	Title	Hours
Element 1		
A:	Written Communication (http://catalogs.eku.edu/undergraduate/general-academic-information/general-education-requirements/element-1/)	3
B:	Written Communication (http://catalogs.eku.edu/undergraduate/general-academic-information/general-education-requirements/element-1/)	3
C:	Oral Communication (http://catalogs.eku.edu/undergraduate/general-academic-information/general-education-requirements/element-1/)	3
Element 2		

Quantitative Reasoning (http://catalogs.eku.edu/undergraduate/general-academic-information/general-education-requirements/element-2/)	3
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Element 3

A: Arts (http://catalogs.eku.edu/undergraduate/general-academic-information/general-education-requirements/element-3/)	3
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B: Humanities (http://catalogs.eku.edu/undergraduate/general-academic-information/general-education-requirements/element-3/)	3
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Element 4

Natural Sciences (http://catalogs.eku.edu/undergraduate/general-academic-information/general-education-requirements/element-4/)	6
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Element 5

A: Historical Science (http://catalogs.eku.edu/undergraduate/general-academic-information/general-education-requirements/element-5/)	3
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B: Social Behavioral Science (http://catalogs.eku.edu/undergraduate/general-academic-information/general-education-requirements/element-5/)	3
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Element 6

Diversity of Perspectives Experiences (http://catalogs.eku.edu/undergraduate/general-academic-information/general-education-requirements/element-6/)	6
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Total Hours	36
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Students are expected to complete Elements 1 and 2 within their first 60 hours of college credit.

Major

Code	Title	Hours
University Graduation Requirements		
General Education		36
<i>Student Success Seminar</i>		
JSO 100	Student Success Seminar (waived for transfers with 30+ hrs.)	1
Upper division courses (42 hrs. distributed throughout Major/Supporting/Gen Ed/Free Electives categories)		
Major Requirements		
<i>Core Courses</i>		
OSH 110	Introduction to Safety Studies	3
OSH 261	Principles of Occupational Safety and Health	3
OSH 262	Principles of Occupational Safety and Health Legislation	3
OSH 300	Safety Training Strategies	3
OSH 350	Measures of Safety Performance	3
OSH 367	Human Factors in Occupational Safety	3
OSH 390	Workers Compensation	3
OSH 410	Safety Management Systems	3
OSH 495	Senior Capstone	3
SSE 828	Industrial Safety Management	3
SSE 832	Construction Safety	3
SSE 845	Personal/Environmental Hazards	3
<i>Supporting Course Requirements</i>		
Fire Prevention/Protection:		
Choose from nine hours of the following:		9
FSE 101	Fire Prevention	

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FSE 120	Fire Behavior and Combustion	
FSE 221	Fire Detection and Suppression Systems	
FSE 224	Human Behavior In Fire	
FSE 349	Applied Learning in Fire and Safety Engineering	
OSH 225	Legal Aspects of Occupational Safety	
OSH 305	Hazardous Materials	
OSH 489	Topical Seminar:___	
Industrial Risk Management:		
Choose from 18 hours of the following:		18
EHS 280	One Health: Global Environmental Public Health	
EHS 340	Total Worker Health Principles	
HLS 210	Cyber and Physical Security	
OSH 349	Applied Learning in Occupational Safety ¹	
OSH 370	Process Safety Management	
OSH 420	Environmental Law and Management	
OSH 489	Topical Seminar:___ ¹	
TRS 225	Basic Fleet Management	
or TRS 395	Marine Transportation Safety	
General Education		10
CHE 101	Introductory Chemistry (or higher) (Element 4) ^G	
CHE 101L	Introductory Chemistry Lab (or higher) (Element 4) ^G	
MAT 112	Algebra with Applications (or higher) (Element 2) ^G	
PHY 101	Conceptual Physics (or higher) (Element 4) ^G	
<i>Free Electives</i>		
Choose from 10 hours of free electives		10
Total Hours		120

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Only six hours of earned credit for OSH 349 Applied Learning in Occupational Safety and/or OSH 489 Topical Seminar:___ will apply to supporting course requirements. All other earned hours will apply as free elective credit.

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Course also satisfies a General Education element. Some supporting course hours are therefore included within the 36 hr. General Education requirement above.