

Sample Degree Options for Buckeye Fire-Medical-Rescue Department (BFMRD)
Turn Service into a Degree—Start at Columbia Southern University (CSU)

For a full list of available degree programs and their admission requirements, please see the official [CSU Catalog](#).

UNDERGRADUATE DEGREE OPTIONS:
ASSOCIATE OF SCIENCE DEGREE IN FIRE SCIENCE*
Total Program Requirements

A maximum of 45 credit hours may be accepted from post-secondary transcripts, military transcripts, credit by exam score sheets, and professional training certificates.

60
General Education Requirements
21
Categories
Credit Hours

Humanities and Fine Arts – Group A

3

Humanities and Fine Arts – Group A or B

3

Social and Behavioral Sciences/History

3

Natural Sciences

6

Mathematics

3

English Composition

3

Major Requirements
21
Course
Title
Credit Hours

FIR 2301

Principles of Fire and Emergency Services

3

FIR 2302

Principles of Fire and Emergency Services Safety and Survival

3

FIR 2303

Fire Behavior and Combustion

3

FIR 2304

Building Construction for Fire Protection

3

FIR 2305

Introduction to Fire Prevention

3

FIR 3305

Fire Protection Structure and Systems

3

FIR 3311

Legal Aspects of Emergency Services

3

Program Electives

If transfer credits do not fulfill this requirement, choose course from the following selection:

6
Course
Title
Credit Hours

FIR 3304

Fire Protection Hydraulics and Water Supply

3

FIR 3306

Fire Prevention Organization and Management

3

FIR 3307

Community Risk Reduction for the Fire and Emergency Services

3

FIR 3312

Fire Ground Tactics I

3

Open Electives

If transfer credits do not fulfill this requirement, choose any CSU undergraduate courses that do not overlap with other degree requirements.

12

* Degree requirements, transfer credit, and admission eligibility are governed by CSU's published policies and are subject to change.

BACHELOR OF SCIENCE DEGREE IN FIRE ADMINISTRATION*
Concentrations available in Communication, Fire Investigation, and Wildland Fire.
Total Program Requirements
A maximum of 90 credit hours may be accepted from post-secondary transcripts, military transcripts, credit by exam score sheets, and professional training certificates.
120
General Education Requirements
30

<i>Categories</i>	<i>Credit Hours</i>
Humanities and Fine Arts – Group A	3
Humanities and Fine Arts – Group A or B	3
Social and Behavioral Sciences	6
Natural Sciences	6
Mathematics	3
History	3
English Composition	6

Major Requirements
36

<i>Course</i>	<i>Title</i>	<i>Credit Hours</i>
FIR 2301	Principles of Fire and Emergency Services	3
FIR 2302	Principles of Fire and Emergency Services Safety and Survival	3
FIR 2303	Fire Behavior and Combustion	3
FIR 2304	Building Construction for Fire Protection	3
FIR 2305	Introduction to Fire Prevention	3
FIR 3305	Fire Protection Structure and Systems	3
FIR 3306	Fire Prevention Organization and Management	3
FIR 3307	Community Risk Reduction for the Fire and Emergency Services	3
FIR 4301	Political and Legal Foundations of Fire Protection	3
FIR 4302	Fire Service Personnel Management	3
FIR 4303	Fire and Emergency Services Administration	3
FIR 4308	Applications in Fire Research	3

Program Electives
If transfer credits do not fulfill this requirement, choose course from the following selection:
12

<i>Course</i>	<i>Title</i>	<i>Credit Hours</i>
FIR 3304	Fire Protection Hydraulics and Water Supply	3
FIR 3311	Legal Aspects of Emergency Services	3
FIR 3312	Fire Ground Tactics I	3
FIR 4304	Fire Dynamics	3
FIR 4306	Human Behavior in Fire	3
FIR 4307	Analytical Approaches to Public Fire Protection	3
FIR 4311	Fire Prevention and Code Enforcement	3
FIR 4312	Management of Fire Incident Command Systems	3
FIR 4313	Terrorism Incident Management and Emergency Procedures	3

Open Electives
If transfer credits do not fulfill this requirement, choose any CSU undergraduate courses that do not overlap with other degree requirements.
42

* Degree requirements, transfer credit, and admission eligibility are governed by CSU's published policies and are subject to change.

BACHELOR OF SCIENCE DEGREE IN EMERGENCY MEDICAL SERVICES ADMINISTRATION*
Concentrations available in EMS Education and Mobile Integrated Health
Total Program Requirements
A maximum of 90 credit hours may be accepted from post-secondary transcripts, military transcripts, credit by exam score sheets, and professional training certificates.
120
General Education Requirements
30

<i>Categories</i>	<i>Credit Hours</i>
Humanities and Fine Arts – Group A	3
Humanities and Fine Arts – Group A or B	3
Social and Behavioral Sciences	6
Natural Sciences	6
Mathematics	3
History	3
English Composition	6

Major Requirements
48

<i>Course</i>	<i>Title</i>	<i>Credit Hours</i>
EMS 2301	Anatomy and Physiology for EMS I	3
EMS 2302	Anatomy and Physiology for EMS II	3
EMS 3301	EMS Management	3
EMS 3302	EMS Planning and Development	3
EMS 3303	EMS Operations and Personnel Management	3
EMS 3305	Risk Management Practices in EMS	3
EMS 3306	Emergency Medical Communications	3
EMS 4301	Finance of EMS Systems	3
EMS 4302	Leadership in EMS Systems	3
EMS 4303	Legal, Political, and Regulatory Environment in EMS	3
EMS 4304	Community Risk Reduction in EMS	3
EMS 4305	EMS Public Information and Community Relations	3
EMS 4306	EMS Roles During Emergencies and Disasters	3
EMS 4307	Research for the EMS Professional	3
EMS 4320	EMS System Design	3
HCA 3306	Community Health	3

Open Electives
If transfer credits do not fulfill this requirement, choose any CSU undergraduate courses that do not overlap with other degree requirements.
42

* Degree requirements, transfer credit, and admission eligibility are governed by CSU's published policies and are subject to change.

GRADUATE DEGREE OPTIONS:

MASTER OF SCIENCE DEGREE IN FIRE EXECUTIVE LEADERSHIP – CONCENTRATION REQUIRED*

Total Program Requirements

A maximum of 24 credit hours may be accepted from graduate-level transcripts, military transcripts, and professional training certificates.

36

Major Requirements

24

<i>Course</i>	<i>Title</i>	<i>Credit Hours</i>
FIR 5301	Fire Protection Technology	3
FIR 5302	Advanced Fire Administration	3
FIR 6301	The Fire-Rescue Executive's Role in Community Risk Reduction	3
FIR 6302	The Fire-Rescue Executive's Role in Emergency Management	3
FIR 6303	Executive Leadership for Fire-Rescue Officers	3
LDR 6301	Psychological Foundations of Leadership	3
MGT 6303	Project Stakeholders	3
PUA 5302	Public Administration Ethics	3
Concentration – Select one of the following five concentrations		12
1. Emergency Services Management Concentration		
<i>Course</i>	<i>Title</i>	<i>Credit Hours</i>
EMG 5301	Legal Aspects of Emergency Services Management	3
EMG 5303	Interagency Disaster Management	3
EMG 6302	Risk Management	3
EMG 6305	Emergency Management Leadership and Decision Making	3
2. Human Resource Management Concentration		
<i>Course</i>	<i>Title</i>	<i>Credit Hours</i>
HRM 6302	Employment Law	3
HRM 6303	Training and Development	3
HRM 6304	Labor Relations and Collective Bargaining	3
HRM 6305	Compensation Management	3
3. Occupational Safety and Health Concentration		
<i>Course</i>	<i>Title</i>	<i>Credit Hours</i>
OSH 5301	Safety and Accident Prevention	3
OSH 6302	Advanced Industrial Hygiene	3
OSH 6303	System Safety Engineering	3
OSH 6304	Integrated Safety Management Systems	3
4. Organizational Leadership Concentration		
<i>Course</i>	<i>Title</i>	<i>Credit Hours</i>
HRM 6303	Training and Development	3
LDR 5302	Crisis Communication Management	3
MGT 6306	Intercultural Management	3
PHI 6301	Professional Ethics	3
5. Public Administration Concentration		
<i>Course</i>	<i>Title</i>	<i>Credit Hours</i>
PUA 5301	Administration of Public Institutions	3
PUA 5305	Public Finance and Budgeting	3
PUA 5306	Public Policy	3
PUA 5307	Strategic Planning	3

* Degree requirements, transfer credit, and admission eligibility are governed by CSU's published policies and are subject to change.

MASTER OF SCIENCE DEGREE IN EMERGENCY SERVICES MANAGEMENT*
Total Program Requirements
A maximum of 24 credit hours may be accepted from graduate-level transcripts, military transcripts, and professional training certificates.
36
Major Requirements
36

<i>Course</i>	<i>Title</i>	<i>Credit Hours</i>
CMJ 5301	Theory of Crime and Criminology	3
CMJ 6304	Global Terrorism	3
EMG 5301	Legal Aspects of Emergency Services Management	3
EMG 5303	Interagency Disaster Management	3
EMG 6301	Emergency Management	3
EMG 6302	Risk Management	3
EMG 6305	Emergency Management Leadership and Decision Making	3
EMG 6320	Case Studies in Natural Catastrophes and Man-Made Disasters	3
FIR 5302	Advanced Fire Administration	3
HLS 5301	Advanced Seminar of Weapons of Mass Destruction	3
HLS 6302	Homeland Security	3
OSH 5305	Advanced Interactions of Hazardous Materials	3

* Degree requirements, transfer credit, and admission eligibility are governed by CSU's published policies and are subject to change.

DOCTOR OF FIRE INTEGRATED RESEARCH*
Total Program Requirements
A maximum of 40 credit hours may be accepted from doctoral-level transcripts.
61
Major Requirements
46

<i>Course</i>	<i>Title</i>	<i>Credit Hours</i>
BUS 7301	Business, Government, and Society	3
BUS 8302	Strategic Management and Planning	3
FIR 7302	Health Resilience in Fire and Emergency Services	3
FIR 7303	Organizational Behavior Theory and Change Management in the Fire Service	3
FIR 7304	Community Sustainability and Resilience in Fire Services	3
FIR 7305	Sustainability in Fire Politics	3
FIR 8302	Cross-Cultural Theory in the Fire Service	3
FIR 8303	Fire and Emergency Services Writing and Publishing	3
FIR 8304	Fire Service Data Analytics and Visualization	3
MGT 8301	Technology and Innovation Management	3
ORI 7100	Doctoral Orientation	1
RCH 7301	Critical Thinking for Doctoral Learners	3
RCH 7302	Doctoral Writing and Inquiry Into Research	3
RCH 8301	Doctoral Research Methods	3
RCH 8305	Applied Research in Safety and Emergency Services	3
RCH 8307	The Doctoral Research Study Journey	3

Dissertation Requirements
A minimum of 15 credit hours of dissertation/research courses must be completed.
15

* Degree requirements, transfer credit, and admission eligibility are governed by CSU's published policies and are subject to change.