

John Jay College, City University of New York – Bachelor of Science in Emergency Services Administration

The major in Emergency Services Administration (ESA) provides a foundation in fire and emergency services, with related courses in management and administration. The major prepares students for careers in leadership in fire services, emergency management and administrative aspects of emergency medical services. Students select from one of the three specializations, supported by a common core that integrates fundamental principles of emergency services. A capstone course brings students from all three specializations together for an integrative research project.

Learning Outcomes:

- Identify and test the core mechanisms of emergency services administration in the public, non-profit, and private sectors; including the organization, training, and management of human and financial resources;
- Categorize and catalog emergency services and evaluate them in light of public, legal and legislative policy;
- Design and construct emergency services plans and adopt policies consistent with professional standards which serve the common good and diverse constituencies;
- Analyze specific situations relevant to emergency services and apply and evaluate appropriate responses;
- Compose and compile data, documents and reports as well as other operational materials essential to agency mission and purpose.

Total Credits Required for B.S. Degree

120

Part One, Core Courses (18 credits):

ESA 101 Introduction to Emergency Management
ESA 215 Emergency Incident Management
ESA 225 Responder Health, Protection and Safety
FIS 104 Risk Management
PAD 101 Introduction to Public Administration
PAD 318 Decisions in Crises

Part Two, Specialization Requirements (15 credits):

FIS 101 Introduction to Fire Science
FIS 209 Analysis of Urban Hazardous Materials, Tactics and Strategy
FIS 210 Fire Safety Administration
FIS 230 Building Construction and Life Safety Systems I
FIS 303 Fire Investigations
FIS 319 Hazard Identification and Mitigation
FIS 350 Management Applications in Fire Protection
FIS 385 Faculty Mentored Research Experience in Fire Science
ESA 227 Emergency Dispatch and Communications
ESA 355 Geographic Information Systems for Emergency Services
ESA 3XX Response to Large Scale Disasters and Mass Casualty Incidents

SEC 378 Security Management Internship

Emergency Medical Services

Students who have passed the New York State Department of Health Advanced Emergency Medical Technician - Paramedic (AEMT-P) certification examination or an equivalent certification from another jurisdiction. Nine credits will be awarded for this certification. These credits will be electives that go towards the 120 credit total for the B.S. degree. Note, these credits may not be applied toward the major. Note that while credits may be awarded for other levels of Emergency Medical Technician certification (CFR, EMT-B, AEMT-I, or AEMT-CC), these credits will not satisfy the requirements of the major.

ESA 114 Introduction to Emergency Medical Services

ESA 227 Emergency Dispatch and Communications

ESA 355 Geographic Information Systems for Emergency Services

ESA 3XX Response to Large Scale Disasters and Mass Casualty Incidents

FIS 209 Analysis of Urban Hazardous Materials, Tactics and Strategy

FIS 350 Management Applications in Fire Protection

SEC 378 Security Management Internship

Emergency Management (select five):

FIS 209 Analysis of Urban Hazardous Materials, Tactics and Strategy

FIS 319 Hazard Identification and Mitigation

ESA 227 Emergency Dispatch and Communications

ESA 355 Geographic Information Systems for Emergency Services

ESA 3XX Response to Large Scale Disasters and Mass Casualty Incidents

SEC 378 Security Management Internship

Part Three, Capstone Requirement (3 credits):

FIS 401 Seminar in Fire Protection Problems

John Jay College is accredited by the Middle States Association of Colleges and Secondary Schools.

For more information contact:

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Additional information: <http://www.jjay.cuny.edu/emergency-services-administration-bs>

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