Public Safety Management

The Bachelor of Science in Public Safety Management currently is offered only at off-campus locations and provides those with a public safety-related technical background with a two-year, upper division program of study that enhances the successful graduate’s pursuit of a career in the Public Safety industry. The program is designed to provide practical course work in areas of management and supervision for Public Safety professionals. Public Safety Management offers three specializations: Fire Service Management, Emergency Medical Services, and Emergency Management Administration. Admission to the program requires prior completion of a Public Safety related degree or prior formal training equivalent to a fire service related degree or prior Public Safety-related licensure or certification, or prior employment in a Public Safety-related field.

The Capstone Option is available for eligible students who meet the Capstone criteria outlined in the Capstone Option section. Those seeking the Capstone Option must meet all eligibility criteria, including the Public Safety-related degree with a 2.0 GPA or better, no later than the end of their first semester in the bachelor’s degree program.

The Bachelor of Science in Public Safety Management is an ideal program of study for Public Safety professionals who have a prior, Public Safety-related degree or its equivalent or who have extensive work experience in the Public Safety industry. Successful graduates are prepared for career enhancing opportunities that include Public Safety related management and supervisory positions, the insurance industry, the public safety vehicle manufacturing industry and other related fields.

The Public Safety Management program has signed articulation agreements with numerous colleges. Check with the Public Safety Management Program for a current list. These agreements take advantage of the Capstone Option.

For additional information about this major, contact the Public Safety Management office at (618) 453-7277 or visit our webpage at asa.siu.edu/academics/off-campus-programs/programs.

Bachelor of Science Degree in Public Safety Management Requirements

<table>
<thead>
<tr>
<th>Degree Requirements</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>University Core Curriculum Requirements</td>
<td>39</td>
</tr>
<tr>
<td>Capstone Core Curriculum Requirements</td>
<td>30</td>
</tr>
<tr>
<td>Requirements for Major in Public Safety Management</td>
<td>48</td>
</tr>
<tr>
<td>Core Requirements: PSM 332, PSM 360, PSM 387, PSM 388, PSM 398, PSM 423, and PSM 425</td>
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<tr>
<td>15 hours from PSM 383, PSM 390, PSM 305, PSM 421, and TRM 316</td>
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### Degree Requirements

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<th>Credit Hours</th>
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12 hours selected from PSM 302, PSM 319, PSM 350, PSM 365 and PSM 450

### Approved Career Electives

<table>
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<th>Credit Hours</th>
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<td>33</td>
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Approved Career Electives (Formal course work or its equivalent that is Public Service-related and technical, managerial or supervisory in nature)

### Total

<table>
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<th>Credit Hours</th>
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<tr>
<td>120</td>
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### Fire Service Management Specialization Requirements

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<th>Degree Requirements</th>
<th>Credit Hours</th>
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<td>Third Year - Fall/Spring</td>
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PSM 332, PSM 383, PSM 421, PSM 387, PSM 316, PSM 305, PSM 302, PSM 350

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PSM 360, PSM 388, PSM 390, PSM 398, PSM 423, PSM 415, PSM 365, PSM 450

### Emergency Medical Services Specialization Requirements

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PSM 332, PSM 383, PSM 421, PSM 387, PSM 316, PSM 305, PSM 302, PSM 350

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PSM 403, PSM 404, PSM 406, PSM 407, PSM 408, PSM 409, PSM 365, PSM 450

### Emergency Management Administration Specialization Requirements

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PSM 332, PSM 383, PSM 421, PSM 387, PSM 316, PSM 305, PSM 302, PSM 350
Degree Requirements | Credit Hours
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Fourth Year - Fall/Spring | 24
PSM 410, PSM 411, PSM 412, PSM 417, PSM 416, PSM 418, PSM 365, PSM 450

Public Safety Management Courses

**PSM101 - Intro to Paramedicine** 101-2 Introduction to Paramedicine. This course is designed to introduce the student to EMS systems to include communications, documentation, public health systems, critical thinking skills, and medical/legal issues. Prerequisites: valid CPR card for Healthcare Providers and Illinois EMT-B license.

**PSM102 - Anatomy & Physiology** 102-3 Anatomy and Physiology. Integrates a complex depth and comprehensive breadth of the knowledge of the anatomy and physiology of all human systems. Integrates comprehensive knowledge of pathophysiology of major human systems. Integrates comprehensive knowledge of life span development. Prerequisites: valid CPR card for Healthcare Providers and Illinois EMT-B license.

**PSM103 - Pharmacology and Respiratory** 103-4 Pharmacology and Respiratory. Integrates comprehensive knowledge to formulate a treatment plan intended to mitigate emergencies and improve the overall health of the patient. Integrate scene and patient assessment with knowledge of epidemiology and pathophysiology to form a field impression. Integrates complex knowledge of anatomy, physiology into the assessment to develop and implement a treatment plan with the goal of ensuring a patient airway, adequate mechanical ventilation, and respiration for patients of all ages. Prerequisites: valid CPR card for Healthcare Providers and Illinois EMT-B license.

**PSM104 - Cardiac** 104-2 Cardiac. Integrates assessments findings with principles of epidemiology and pathophysiology to formulate a filed impression and implement a comprehensive treatment/disposition plan for a patient with a medical complaint. Prerequisites: valid CPR card and Illinois EMT-B license.

**PSM105 - Electrocardiogram** 105-2 Electrocardiogram. Integrates assessments findings with principles of epidemiology and pathophysiology to formulate a field impression and implement a comprehensive treatment/disposition plan for a patient with a medical complaint. Prerequisites: valid CPR Card and Illinois EMT-B license.

**PSM106 - Neonatal/Neurologic** 106-3 Neonatal/Neurologic. Integrate assessments findings with principles of epidemiology and pathophysiology to formulate a filed impression and implement a comprehensive treatment/disposition plan for a patient with a medical complaint. Integrate assessment findings with principles of pathophysiology and knowledge of psychosocial needs to formulate a field impression and implement a comprehensive treatment/disposition plan for patients with special needs. Prerequisites: valid CPR card and Illinois EMT-B license.

**PSM107 - Hematology and Skeletal** 107-3 Hematology and Skeletal. Integrate assessments findings with principles of epidemiology and pathophysiology to formulate a filed impression and implement a comprehensive treatment/disposition plan for a patient with a medical complaint. Integrates assessment findings with principles of epidemiology and pathophysiology to formulate a field impression to implement a comprehensive treatment/disposition plan for an acutely injured patient. Prerequisites: valid CPR card and Illinois EMT-B license.

**PSM108 - Airway Management** 108-2 Airway Management. Integrates comprehensive knowledge of causes and pathophysiology into the management of cardiac arrest and pre-arrest states. Integrates comprehensive knowledge of causes and pathophysiology into the management of shock, respiratory failure or arrest with an emphasis on early intervention to prevent arrest. Prerequisites: valid CPR card and Illinois EMT-B license.
PSM109 - Extrication 109-3 Extrication. Integrates assessment findings with principles of pathophysiology and knowledge of psychosocial needs to formulate a field impression and implement a comprehensive treatment/disposition plan for patients with special needs. Knowledge of operational roles and responsibilities to ensure patient, public, and personnel safety. Prerequisites: valid CPR card and Illinois EMT-B license.

PSM110 - PEPPS/PALS 110-4 PEPPS/PALS. The PALS course gives health care professionals the knowledge and skills to better recognize and treat critically ill infants and children. The course uses a scenario-based, team approach to teach pediatric emergency management of pediatric patients approaching or already in respiratory or cardiac arrest. The course covers treatment beyond the first few minutes of an emergency. Course uses learning stations for practice of essential skills simulated clinical scenarios that encourage active participation. Hands-on format reinforces skills proficiency. Prerequisites: valid CPR card and Illinois EMT-B license.

PSM130 - Ambulance Practicum I 130-2 Ambulance Practicum I. In addition to the required didactic and psychomotor instruction, this course requires that the student have patient interactions in a clinical setting. Ideally, areas that have access to an Emergency Medical Services system should send students into the field with experienced preceptors. The student must participate in and document patient contacts in a field experience approved by the medical director and program director. Students should observe emergency department operations for a period of time sufficient to gain an appreciation for the continuum of care. Students must perform patient assessments. These can be performed in an emergency department, ambulance, clinic, nursing home, doctor's office, etc. or on standardized patients if clinical settings are not available. The program director or medical director must establish appropriate relationships with various clinical sites to assure adequate contact with patients. Prerequisites: valid CPR card and Illinois EMT-B license.

PSM131 - Ambulance Practicum II 131-2 Ambulance Practicum II. In addition to the required didactic and psychomotor instruction, this course requires that the student have patient interactions in a clinical setting. Ideally, areas that have access to an Emergency Medical Services system should send students into the field with experienced preceptors. The student must participate in and document patient contacts in a field experience approved by the medical director and program director. Students should observe emergency department operations for a period of time sufficient to gain an appreciation for the continuum of care. Students must perform patient assessments. These can be performed in an emergency department, ambulance, clinic, nursing home, doctor's office, etc. or on standardized patients if clinical settings are not available. The program director or medical director must establish appropriate relationships with various clinical sites to assure adequate contact with patients. Prerequisites: valid CPR card and Illinois EMT-B license; PSM 130.

PSM132 - Ambulance Practicum III 132-2 Ambulance Practicum III. The final phase of Paramedic education is the Capstone Field Internship. The Capstone Field Internship is the summative evaluation of Paramedic education where the student has all of the cognitive and psychomotor skills needed to act and serve as a Team Leader while delivering patient care. The Team Leader responsibilities are delegated by direct observation and under the responsibility of an approved and trained preceptor who is appropriately licensed and credentialed to work in an approved EMS system. This evaluation of the student's ability to perform as a competent entry-level Paramedic is the last opportunity to identify areas that need remediation prior to the student becoming eligible for Paramedic certification. The ideal scenario would be that potential employers provide an appropriate orientation and evaluation process prior to allowing the new Paramedic to perform alone as the Team Leader. Prerequisites: valid CPR card and Illinois EMT-B license; PSM 131.

PSM150 - Emergency Room Practicum I 150-1 Emergency Room Practicum I. During the progress of this course, the student will encounter clinical experiences in various departments. A large majority of clinical experience will occur in the Emergency Department. During this experience the student will complete hours of required Emergency Department rotation in the ED of Presence St. Mary's Hospital or Presence St. Joe's Hospital in Joliet. The ED is located in the west pavilion on the first floor. The purpose of this rotation is to provide a concentrated patient population for the paramedic student to enhance their didactic knowledge and refine skills learned so far in the paramedic course. Another aspect of this rotation that differs from all other rotations is the interaction and evaluation of the student by a physician preceptor. There are only two students allowed to do clinical in the ED at a given time. Prerequisites: valid CPR card and Illinois EMT-B license.
PSM151 - Emergency Room Practicum II 151-1 Emergency Room Practicum II. During the progress of this course, the student will encounter clinical experiences in various departments. A large majority of clinical experience will occur in the Emergency Department. During this experience the student will complete hours of required Emergency Department rotation in the ED of Presence St. Mary's Hospital or Presence St. Joe's Hospital in Joliet. The ED is located in the west pavilion on the first floor. The purpose of this rotation is to provide a concentrated patient population for the paramedic student to enhance their didactic knowledge and refine skills learned so far in the paramedic course. Another aspect of this rotation that differs from all other rotations is the interaction and evaluation of the student by a physician preceptor. There are only two students allowed to do clinical in the ED at a given time. Prerequisites: valid CPR card and Illinois EMT-B license; PSM 150.

PSM152 - Emergency Room Practicum III 152-2 Emergency Room Practicum III. During the progress of this course, the student will encounter clinical experiences in various departments. A large majority of clinical experience will occur in the Emergency Department. During this experience the student will complete hours of required Emergency Department rotation in the ED of Presence St. Mary's Hospital or Presence St. Joe's Hospital in Joliet. The ED is located in the west pavilion on the first floor. The purpose of this rotation is to provide a concentrated patient population for the paramedic student to enhance their didactic knowledge and refine skills learned so far in the paramedic course. Another aspect of this rotation that differs from all other rotations is the interaction and evaluation of the student by a physician preceptor. There are only two students allowed to do clinical in the ED at a given time. Prerequisites: valid CPR card and Illinois EMT-B license; PSM 151.

PSM170 - Clinical I 170-2 Clinical I. Complete clinical rotations in various clinical areas as listed. All students shall complete the minimum hours needed for each area. The total number of patient contacts for program completion must be attained regardless of hours completed. See each section for more detailed description. Prerequisite: valid CPR card and Illinois EMT-B license.

PSM171 - Clinical II 171-3 Clinical II. Complete clinical rotations in various clinical areas as listed. All students shall complete the minimum hours needed for each area. The total number of patient contacts for program completion must be attained regardless of hours completed. See each section for a detailed description of each. Prerequisite: valid CPR card and Illinois EMT-B license; PSM 170.

PSM258 - Public Safety Work Experience 258-1 to 30 Public Safety Work Experience. Credit will be granted via school evaluation of prior public safety management related job skills, management-worker relations and supervisory experience. Unless otherwise determined by the school director, this credit may be applied only to the approved career electives requirement of the public safety management degree. Restricted to Public Safety Management major.

PSM259 - Public Safety Occupational Ed 259-1 to 60 Public Safety Occupational Education. Credit granted via school evaluation of past public safety management-related occupational education experience. Unless otherwise determined by the school director, this credit may be applied only to the approved career electives requirement of the public safety management degree. Restricted to Public Safety Management major.

PSM260 - Fire Apparatus Engineer 260-3 Fire Apparatus Engineer. The Fire Apparatus Engineer course is designed to meet a specialty need within the fire service/Public Safety. The program equals or exceeds the requirements of NFPA 1002, Fire Apparatus Driver/Operator Professional Qualifications, current edition.

PSM301 - Public Safety Mgmt Research 301-3 Introduction to Public Safety Management Research. An introduction to library resources, electronic media resources and formal academic writing styles common to public safety management research. Introduction to basic theories, concepts and practices pertinent to public safety management. May be independent study. Restricted to Public Safety Management major.

PSM302 - Ethics in Public Safety 302-3 Ethics in Public Safety. This course examines the basic principles of ethics as related to public safety operations and management with special attention given to current issues in public safety.

PSM305 - Philosophy of Leadership 305-3 Personal Philosophy of Leadership. This course will introduce and provide the student with a deeper understanding of self as it relates to leadership philosophies, knowledge, skills, and abilities. Each student will study and explore their core values,
ethics, decision making, and begin to develop a personal philosophy of leadership. Through course presentations, dialogue, and learning activities, the participant will identify leadership roles in the community to include self, family, professional, and social. In addition, they will learn to define the difference between leadership and management. Students will complete self assessments to gain insights into their personal leadership style and characteristics and participate in video and written case studies to further explore their understanding of leadership.

**PSM316 - Apps of Technical Writing** 316-3 Applications of Technical Writing. (Same as ISAT 366 and TRM 316) The course will increase the student's ability in communicating various workplace documents common to technical disciplines. The course is designed to meet the writing portion of the College's Communication-Across-the-Curriculum initiative. Prerequisite: ENGL 101 with a grade of C or better. Restricted to PSM major or consent of program coordinator.

**PSM319 - Occupational Internship** 319-1 to 15 Occupational Internship. Each student will be assigned to a University approved organization engaged in activities related to the student's academic program and career objectives. The student will perform duties and services as assigned by the preceptor and coordinator. Reports and assignments are required to be completed by the student. Hours and credits to be individually arranged. Mandatory Pass/Fail.

**PSM332 - Labor Relations** 332-3 Labor Relations for Fire and Emergency Services. The student will gain a general understanding of the economic situation for fire and emergency services, of which labor management problems represent a subset. Students will develop a perspective of the evolution of labor relations in the United States and fire and emergency services economy and how the interaction of labor and management differs throughout the world. The collective bargaining section introduces the student to the techniques of collective bargaining in fire and emergency services.

**PSM350 - Readings in Public Safety Mgmt** 350-3 Readings in Public Safety Management. The use of written and electronic media resources relevant to Public Safety management and the development of a Public Safety management research bibliography. The use of bibliographic resources to produce written comparative or persuasive research reports. May be independent study. Prerequisite: None. Restricted to Public Safety Management major.

**PSM360 - Personnel Systems** 360-3 Personnel Systems for Fire and Emergency Services. This course examines relationships and issues in personnel administration and human resource development within the context of fire and emergency service organizations, including personnel management, organizational development, productivity, recruitment and selection, performance management systems, discipline, and collective bargaining.

**PSM365 - Grant Writing** 365-3 Grant and Proposal Writing for Public Safety. Comprehensive presentation of public safety grants from governmental, public and private funding sources. Course covers the funding application, approval process, and grant administration. Students will prepare a grant proposal with objective statement, study methodology, work programs/schedules and budget.

**PSM383 - Data Interpretation** 383-3 Data Interpretation. A course designed for students beginning their major program of study to examine data use in their respective professions. Emphasis will be placed upon an understanding of the basic principles and techniques involved with analysis, synthesis and utilization of data.


**PSM388 - Legal Aspects** 388-3 Political and Legal Foundations of Fire and Emergency Services. The student will learn basic law principles, identify sources of American laws, and recognize the structural framework of American law. Additionally, the student will learn to identify the principles of law which impact the operations of fire service and public safety management. This includes identifying applicable laws and ordinances (Fire Fighter Bill of Rights, etc.), collective bargaining, and state/local civil service Fire/Police Commission provisions hearing protocols. Further, the student will participate in a mock hearing, following applicable protocols for such, in accordance with due process and legal requirements and effectively document and enforce such findings.
PSM390 - Govt Aspects of Public Safety 390-3 Governmental Aspects of Public Safety. The role of subnational governments in the management of the fire and public safety services. The demographic and political environment in which the fire services operate. The duties, powers and obligations of governmental agencies relative to the operation of fire departments and other public safety agencies. Restricted to Public Safety Management major.

PSM398 - Risk Reduction 398-3 Risk Reduction for Fire and Emergency Services. This course, designed for the middle-level fire service or public safety manager, introduces the concept of risk management and examines its applicability in the fire and public safety services. Particular emphasis is placed on developing and implementing a fire service risk management program in both career and paid on-call departments.

PSM401 - Apps of Fire Research 401-3 Applications of Fire Research in Fire and Emergency Services. This course examines the rationale for conducting fire research, various fire protection research activities, and research applications, including the test standards and codes, structural fire safety, automatic detection and suppression, life safety, and firefighter health and safety. May be independent study. Not for graduate credit. Prerequisite: PSM 350.


PSM403 - EMS Education 403-3 Emergency Medical Services Education. This course is for students interested in Emergency Medical Services (EMS) education. This course introduces the EMS professional to the education system as it relates to EMS education. Students explore issues in curriculum development, teaching, program direction, and development. Not for graduate credit. Restricted to PSM major or consent of program coordinator.

PSM404 - EMS Communications 404-3 Emergency Medical Services Communications Management. This course is for students interested in the management of Emergency Medical Services (EMS) communications systems. This course introduces the EMS professional to the communications systems and methodologies available to governmental and private EMS providers. Students explore issues in EMS communications technology, software, data management, and physical plant considerations. Not for graduate credit. Restricted to PSM major or consent of program coordinator.

PSM405 - Leading Others 405-3 Leading Others. This course is the second in the continuing series of the Leadership and Management program. It is designed to provide the participant with the knowledge, skills, and abilities to effectively lead others. Prerequisite: PSM 305.

PSM406 - Management of EMS 406-3 Management of Emergency Medical Services. This course is for students interested in the practice and principles of Emergency Medical Services (EMS) systems management and the processes that contribute to the effectiveness of day-to-day operations within an EMS organization. This course introduces the EMS professional to topics that include government structure, strategic planning, injury prevention, risk management and safety, customer service, human resources management, financial management, fleet management, career development, quality management, data collection and research, labor relations, and special operations. Not for graduate credit. Restricted to PSM major or consent of program coordinator.

PSM407 - EMS Public Information 407-3 Emergency Medical Services Public Information and Community Relations. This course is for students interested in public information and community relations in Emergency Medical Services (EMS). This course introduces the EMS professional to benefits of community information and community relations. Students explore issues in marketing, crafting the message, identifying the audience, developing programs, and creating press releases. Not for graduate credit. Restricted to PSM major or consent of program coordinator.

PSM408 - EMS Risk Management 408-3 Emergency Medical Services Risk Management and Safety. This course introduces the student to the risk management principles of an Emergency Medical Services (EMS) agency. Emphasis is on safety from the perspective of the field provider. Not for graduate credit. Restricted to PSM major or consent of program coordinator.
PSM409 - EMS Legal Aspects 409-3 Legal, Political and Regulatory Environment of Emergency Medical Services. This is an upper-level baccalaureate course for students interested in the field of legal, political and regulatory environment of Emergency Medical Services (EMS). This course introduces the EMS professional to the legal aspects of EMS. Students explore issues in malpractice, consent and refusal of treatment, Occupational Safety and Health Administration (OSHA), employment issues, and risk management. EMS students gain insights into the legal liabilities in EMS. Not for graduate credit. Restricted to PSM major or consent of program coordinator.

PSM410 - Response to Natural/Tech Event 410-3 Organizational Response to Natural and Technological Events. This course examines responses to natural and man made disasters. It also looks at the unique role of the local first responder with other governmental agencies. Students will identify the common elements of a disaster response and the roles of each emergency responder and agency. Course emphasis is on the actions and procedures "at the scene" where decisions are made rather than concepts and policies applied by officials physically removed from the scene. Not for graduate credit. Restricted to PSM major or consent of program coordinator.

PSM411 - Homeland Defense 411-3 Homeland Defense. This course explores the boundaries of this 21st century national security mission by examining the threats, the actors, and the organizational structures and resources required to defend the American homeland. It examines how we have shifted the emphasis to protect the US homeland from the defensive measures taken during the Cold War to both reactive and proactive actions against the wide variety of asymmetric threats posed by Global Terrorism. The terrorist attacks on September 11 and the pursuant anthrax tragedies have forced homeland security to the forefront of American policymaking. Vast arrays of topics are covered by necessity-homeland security is a vast subject area. Not for graduate credit. Restricted to PSM major or consent of program coordinator.

PSM412 - Exercise and Evaluation 412-3 Fire Service Exercise and Evaluation. Students will be trained in determining public need during an emergency event through exercise. Students will learn the impact that effective project and operational planning and management can have on the overall effectiveness of a Public Safety's organizational performance. Not for graduate credit. Restricted to PSM major or consent of program coordinator.

PSM413 - Professional Development 413-3 Emergency Management Professional Development. This course teaches the student theories, principles, and approaches to emergency management. The student will complete 20 Independent Study courses as provided by the program coordinator for Public Safety Management. This course will provide the student with a FEMA Professional Development Certificate. Not for graduate credit. Restricted to PSM major or consent of program coordinator.

PSM414 - EMA Practicum 414-3 Emergency Management Practicum for Public Safety Professionals. Each student will undertake 80 hours of field time and observations with an approved Emergency Management Agency. The student may pick their own site or can use one of the school's approved sites from a pool of potential organizations. A power point presentation and final paper will be completed to receive credit for the course. Not for graduate credit. Restricted to PSM major or consent of program coordinator.

PSM415 - Homeland Security Defense 415-3 Homeland Security Defense. This course explores the boundaries of the 21st century security mission by examining the threats, the actors, and the organizational structures and resources required to defend the American homeland. It examines how we have shifted the emphasis to protect the US homeland from the defensive measures taken during the Cold War to both reactive and proactive actions against the wide variety of asymmetric threats posed to Global Terrorism. Vast array of topics are covered by necessity. Not for graduate credit. Restricted to PSM major or consent of program coordinator.

PSM416 - Domestic Terrorism 416-3 Domestic Terrorism and Extremist Groups. This course traces the history, emergence, and growth of domestic terrorist and extremist groups within the United States. Students will assess various groups' intentions, capabilities, and activities within contexts of and ramifications on political, national security, and legal paradigms. "Domestic Terrorism and Extremist Groups" traces the roots of domestic political violence and terrorism in the United States, and will expose the student to academic works concerning contemporary domestic extremists and the terrorist threat they may pose. The course will explore how a radical nature has continued to persist in isolated pockets.
throughout our Nation's history. Not for graduate credit. Restricted to PSM major or consent of program coordinator.

**PSM417 - Strategic Design** 417-3 Strategic Design and Budget for Emergency Response Agencies. Develops the student's understanding and skills of the budgeting process within public safety organizations. Examines the impact of effective project planning, operational planning, and evaluation on the performance of the public safety agency. Not for graduate credit. Restricted to PSM major or consent of program coordinator.

**PSM418 - Governance and Strategy** 418-3 Homeland Security and Emergency Management Governance/Administrative Strategies. This course examines the Public Safety Governance and Administration and the skills and understanding that are needed to perform such a role. This is done through research of the theories, philosophies, and concepts of executive leadership through the examination of the difference between management and leadership, organizational culture, and the leader-follower relationship. Not for graduate credit. Restricted to PSM major or consent of program coordinator.

**PSM421 - Professional Development** 421-3 Professional Development. Introduces students to the various elements involved in obtaining a position in their chosen fields. Topics included are: personal inventories, placement services, employment agencies, interviewing techniques, resumes, letters of application, references and employment tests. Each student will develop a portfolio, including personal and professional information related to career goals. Not for graduate credit.

**PSM423 - Community Risk Reduction** 423-3 Community Risk Reduction. This course examines the factors that shape fire risk and the tools for fire prevention, including risk reduction education, codes and standards, inspections and plans review, fire investigation, research, master planning, various types of influences and strategies. Not for graduate credit.

**PSM425 - Governance** 425-3 Fire and Emergency Services Governance and Administration. The role of upper level fire and emergency services managers with a focus on the significant areas of fire and emergency department management. Emphasis is placed on understanding of major issues facing fire and emergency services managers and the management of theories, concepts, and practices that apply to these issues. Not for graduate credit.

**PSM450 - Analytical Approaches Fire Protection** 450-3 Analytical Approaches to Public Fire Protection. This course examines tools and techniques of rational decision making in fire departments, including databases, statistics, probability, decision analysis, utility modeling, resource allocation, cost benefit analysis, and linear programming. May be independent study. Not for graduate credit. Prerequisite: PSM 350 with a grade of C or better.

Last updated: 01/11/2017

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Carbondale, IL 62901
Phone: (618) 453-2121

**Catalog Year Statement:**
Students starting their collegiate training during the period of time covered by this catalog (see bottom of this page) are subject to the curricular requirements as specified herein. The requirements herein will extend for a seven calendar-year period from the date of entry for baccalaureate programs and three years for associate programs. Should the University change the course requirements contained herein subsequently, students are assured that necessary adjustments will be made so that no additional time is required of them.