PUBLIC SAFETY & ENVIRON PROT (PSE)

PSE 550 Fire Dept. Org.& Mgt. (3 credits)
PSE 551 Mgt.Prin./Practices (3 credits)
PSE 552 Sem: EPM (3 credits)
PSE 553 Sem: Disaster Plan (3 credits)
PSE 554 OSHA (3 credits)
PSE 555 Risk Analysis/Pub. Safe Sector (3 credits)
PSE 556 Industrial Hygiene (3 credits)
This course is designed to provide a broad overview of industrial hygiene principles. It will examine the various types of chemical, physical, biological and radiological hazards present in the workplace and the potential risks of employee exposures. It will also evaluate regulatory compliance issues and focus on special hazards found in various environments.
Restrictions: Enrollment is limited to Graduate level students.
PSE 557 Env. Law & Enf. (3 credits)
This course will examine the regulatory and compliance issues involved in the area of environmental law. It will focus on the substantive and procedural elements of federal, state and local legislation and court decisions surrounding air, water and ground pollution. Finally, it will focus in developing a strategic and responsible approach to issues of compliance and control of environmental hazards.
Restrictions: Enrollment is limited to Graduate level students.
PSE 558 Pub Safety Budget & Finance (3 credits)
PSE 559 Principles of Emergency Mgmt (3 credits)
PSE 560 Sem: Target Hazard (3 credits)
This course will focus on the special problems of fire, safety and emergency management presented to local public safety agencies by high risk or target hazards such as chemical plants, refineries, railroads, airports, port facilities, etc. It will analyze the unique challenges of prevention, protection and control at such major facilities and examine strategic approaches to ongoing and major incident planning. The course will integrate fire and safety codes that are related to specific target hazard occupancies.
Restrictions: Enrollment is limited to Graduate level students.
PSE 561 Ethics & Leadership (3 credits)
PSE 601 Fire Prot. Planning (3 credits)
This course will focus on the environmental factors and processes involved in developing a comprehensive master plan for the provision of fire protection and emergency services. The course will focus on the broad social, political and economic issues involved in emergency planning, community master planning, and local emergency services. Finally, the course will examine future possibilities for regionalization, inter-local cooperation, disaster management and technological improvements.
Restrictions: Enrollment is limited to Graduate level students.
PSE 602 Research & Eval (3 credits)
PSE 603 EMS Mgt. (3 credits)
Emergency medical services is the third side to the public safety triangle. EMS provides direct "hands on" personal care to those fallen victim to illness or injury. Though identical to the Fire Service's use of paid and volunteer staff, EMS responds to higher call volumes, operates under scrutiny of the Department of Health and receives reimbursement for services rendered. This course will address finance, delivery systems, specialized services and patient/personnel needs in EMS.
Restrictions: Enrollment is limited to Graduate level students.
PSE 604 CISM (3 credits)
This course will focus on critical incidents, disasters and other traumatic events which often produce effects that disrupt the abilities and well-being of the individuals, organizations and communities that experience the event. It will examine critical incident stress management, prevention and mitigation strategies and protocols that can be used in the workplace and community. We will also investigate the principles of individual stress management and stress proofing.
Restrictions: Enrollment is limited to Graduate level students.
PSE 605 EPA/OSHA Issues (3 credits)
This course will focus on the unique and special problems of environmental, health and safety issues found in health care and medical facilities such as waste-stream management, personnel training and trends in regulatory policy. It will also focus on the impact of survey/accreditation by the Joint Council of Hospital Organizations and techniques and issues of compliance. Pre-requisite: FIN 550.
Restrictions: Enrollment is limited to Graduate level students.
PSE 606 Behav. Aspects (3 credits)
This course provides a critical examination of the physical and social work environment and its role in causing and preventing occupational accidents and disasters. This course focuses on the techniques and theory of Applied Behavior Analysis as the conceptual basis for developing measurement, recording, intervention and evaluation strategies. Long-term maintenance, cost/benefit analysis, the roles of antecedents and consequences and problem solving strategies are stressed.
Restrictions: Enrollment is limited to Graduate level students.
PSE 607 Sem: Env. Crime (3 credits)
PSE 608 Strat. Planning (3 credits)
This course provides the concept and framework for the development of a strategic plan for the functions of public safety, law enforcement, fire protection, emergency medical service, general safety and environmental safety. A study of the public safety function related to a framework for effective organizational management and performance will be evaluated. This course guides the student through the process of understanding the needs, resources and capabilities of the organization and how to establish a plan to achieve improved performance over time.
Restrictions: Enrollment is limited to Graduate level students.
PSE 609 EPA/OSHA Auditing (3 credits)
This course will examine the specific elements and procedures involved in conducting environmental and health/safety audits at a facility or a site. The course will define the steps involved in such audits and examine the physical, technological, legal and economic dimensions of the auditing process as a means of continuing control and evaluation of hazards and mitigation strategies.
Restrictions: Enrollment is limited to Graduate level students.
PSE 610 Env. Waste (3 credits)
This course will examine the rules that govern the management of hazardous and other solid wastes, including industrial, household and medical wastes. The course will examine the requirements governing waste generation, storage transportation, processing, treatment and disposal as well as the closure and remediation requirements for waste sites. The course will also examine the relationship between Federal and State rules as they apply to the management of waste and enforcement issues to waste management.
Restrictions: Enrollment is limited to Graduate level students.

PSE 611 Sem:Global Chm Reg & Comp Mgmt (3 credits)
This graduate level course will provide an in-depth review of the current international chemical regulations affecting U.S. businesses on various levels of operation, including research and development, chemical product exportation and distribution, global sales and marketing plans, and regulatory management strategies. Focus will be given to the new regulations in North America, Europe, Asia, and the United Nations as well as a review of the government agencies enforcing these regulations.
Restrictions: Enrollment is limited to Graduate level students.

PSE 770 Ind.Study (3 credits)
This independent study entails the application of a research project to a particular issue or problem of public safety. Requires permission of Program Director.
Restrictions: Enrollment is limited to Graduate level students.

PSE 795 Case Study (3 credits)
This case study entails the application of a research project to a particular issue or problem of public safety. Requires permission of Program Director.
Restrictions: Enrollment is limited to Graduate level students.
Attributes: Capstone Course