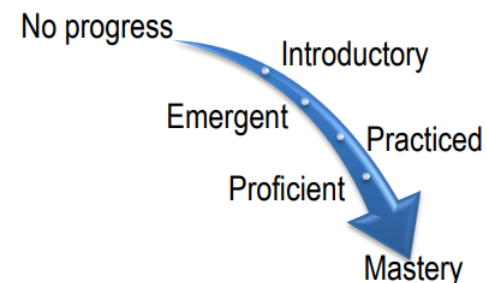


Bachelor of Science in Fire and Emergency Management

At Purdue University Global, we employ a method called Course-Level Assessment, or CLA, to determine student mastery of Course Outcomes. Through CLA, we measure how well students gain the skills, knowledge, abilities, and behaviors that employers expect of program graduates. A series of courses prepares students for employment by providing preparation, practice, and opportunities to show mastery of these program outcomes. Each course is developed around a number of learning goals, known as course outcomes, that support a student’s growing mastery of program level outcomes. Faculty members assess each student’s mastery of each course outcome through Course Level Assessments.



Program Measure for *Standard of Success*:

- 75% or more of students attempting the outcome will perform at the **Emergent** level or greater in **100/200** level courses
- 75% or more of students attempting the outcome will perform at the **Practiced** level in **300/400** level courses

BSFEM 1 Program Outcomes

Evaluate ethical, social, civic, cultural, and political issues as they relate to the management of emergency services, safety, and survival.

Measurement	Assessment/ Evaluation Results: % Emergent or greater	Meets Criteria
Analyze the relationships among CONPLAN, NIMS, and ICS.	CJ307-1 = 84.17 %	Yes
Analyze standardized response methodologies.	CJ307-2 = 83.87%	Yes
Discuss effective resource management.	CJ307-3 = 84.12%	Yes
Discuss the historical development of emergency management.	FS120-1 = 100%	Yes
Identify fire service laws, regulations, and terminology.	FS202-3 = 88.89%	Yes
Describe how fire departments function as part of local government.	FS202-4 = 80.00%	Yes
Explain the common types of ethical issues that occur in fire and emergency services.	FS205-1 = 50.00%	No
Identify common approaches to ethical issues faced by fire and emergency service organizations.	FS205-3 = 50.00 %	No
Describe the legal responsibilities of emergency services personnel.	FS208-1 = 89.47%	Yes
Explain common legal issues that impact emergency services.	FS208-2 = 100%	Yes
Analyze the impact of recent legal decisions on emergency services agencies.	FS208-5 = 93.75%	Yes
Examine the ethical roles of government fire and emergency services officials.	FS402-5 = 75.86%	Yes
Compare general human resource management issues with those common to fire and emergency service agencies.	FS414-1 = 94.44%	Yes
Forecast the possible personnel management concerns that affect the operations of fire and emergency services agencies.	FS414-2 = 88.57%	Yes
Develop recommendations, solutions, and policies for common personnel management matters.	FS414-3 = 86.48%	Yes

Measurement	Assessment/ Evaluation Results: % Emergent or greater	Meets Criteria
Analyze rules, regulations, laws, and policies that impact human resource management.	FS414-4 = 93.39%	Yes
Ethics: Evaluate ethical, social, civic, cultural, and political issues as they relate to the management of emergency services, safety, and survival.	FS499-1 = 94.44%	Yes

BSFEM 2 Program Outcomes

Global Awareness: Analyze the social, cultural, behavioral, and economic characteristics of global emergency and disaster planning.

Measurement	Assessment/ Evaluation Results: % Emergent or greater	Meets Criteria
Discuss the historical development of emergency management.	FS120-1 = 100%	Yes
Apply the components of planning and operations to multiple agency responses to major incidents.	FS202-5 = 100%	Yes
Discuss the state and local laws that have an effect on the management of emergency services.	FS208-4 = 93.33%	Yes
Explain the process of whole community planning.	FS220-3 = 100%	Yes
Describe the role of the community in emergency response.	FS225-2 = 100%	Yes
Global Awareness: Analyze the social, cultural, behavioral, and economic characteristics of global emergency and disaster planning.	FS499-2 = 97.43%	Yes

BSFEM 3 Program Outcomes

Knowledge Base: Develop a comprehensive program for operational and strategic emergency management decisions and materials management.

Measurement	Assessment/ Evaluation Results: % Emergent or greater	Meets Criteria
Describe the development of fire safety codes, inspection practices, and enforcement.	FS105-3 = 95.00%	Yes
Define the relationship between risks, hazards, and emergencies.	FS120-2 = 100%	Yes
Describe the four phases of emergency management.	FS120-3 = 100%	Yes
Identify the types of resources available for emergency management.	FS120-4 = 100%	Yes
Describe the administrative function associated with emergency management.	FS120-6 = 50.00%	No
Explain the current roles of fire protection agencies.	FS202-1 = 87.50%	Yes
Explain how fire protection services are organized.	FS202-2 = 90.00%	Yes
Apply the components of planning and operations to multiple agency responses to multiple incidents.	FS202-5 = 100%	Yes
Explain the common types of ethical issues that occur in fire and emergency services.	FS205-1 = 50.00%	No

Measurement	Assessment/ Evaluation Results: % Emergent or greater	Meets Criteria
Identify the phases of a disaster.	FS225-1 = 89.29%	Yes
Describe the role of the community in emergency response.	FS225-2 = 100%	Yes
Compare the responsibilities of on-scene responders and the Emergency Operations Center.	FS225-3 = 72.00%	No
Describe the role and responsibilities of personnel in disaster response.	FS225-4 = 80.00%	Yes
Define the federal disaster assistance program.	FS225-5 = 96.29%	Yes
Explain the purpose of the National Response Plan.	FS225-6 = 95.83%	Yes
Analyze the components of both short and long-term disaster recovery operations.	FS320-1 = 100%	Yes
Explain the procedure for requesting federal assistance.	FS320-5 = 100%	Yes
Formulate effective decisions based on fire service management and leadership guidelines.	FS401-1 = 97.92%	Yes
Formulate effective decisions based on fire service management and leadership guidelines.	FS401-1 = 100%	Yes
Examine the officer's role within the organization, in the community, and during emergency response.	FS401-2 = 97.59%	Yes
Formulate human resources policies based on government roles and impacts.	FS402-2 = 86.67%	Yes
Analyze rules, regulations, laws, and policies that impact human resources management.	FS414-4 = 93.93%	Yes
Evaluate hazard mitigation measures.	FS420-1 = 100%	Yes
Assess how laws, standards, and codes relate to hazard mitigation.	FS420-2 = 50.00%	No
Examine mitigation efforts used to eliminate or reduce a problem or threat.	FS420-3 = 100%	Yes
Analyze policy decisions made in disaster management.	FS425-1 = 100%	Yes
Analyze the process of disaster management policy writing.	FS425-2 = 100%	Yes
Fire Foundations: Demonstrate an understanding of building construction as it relates to firefighter safety, building codes, fire prevention, code inspection, and firefighting strategy and tactics.	FS498-8 = 100%	Yes

BSFEM 4 Program Outcomes

Operations: Apply project management strategies that illustrate the design and management of disaster and fire-defense planning.

Measurement	Assessment/ Evaluation Results: % Emergent or greater	Meets Criteria
Discuss the philosophy of fire prevention as it applies to fire service organizations.	FS105-2 = 94.73 %	Yes
Describe how the role of the fire service administration, with regards to fire prevention, works in municipal government.	FS105-4 = 93.75%	Yes
Illustrate how fire service personnel are prepared for fire prevention functions within the fire service.	FS105-5 = 81.25%	Yes
Discuss the concept of integrated emergency management.	FS120-5 = 100%	Yes

Measurement	Assessment/ Evaluation Results: % Emergent or greater	Meets Criteria
Describe the roles of a planning team.	FS220-2 = 100%	Yes
Explain the process of whole community planning.	FS220-3 = 100%	Yes
Describe the content of an emergency operations plan.	FS220-4 = 100%	Yes
Compare the responsibilities of on-scene responders and the Emergency Operations Center.	FS225-3 = 72.00%	No
Describe the roles and responsibilities of personnel in a disaster response.	FS225-4 = 80.00%	Yes
Develop risk reduction objectives and determine appropriate methods to meet them.	FS304-1 = 73.33%	No
Develop effective intervention strategies given community research and involvement.	FS304-2 = 59.52%	No
Create an effective community risk reduction program.	FS304-3 = 64.28%	No
Evaluate community risk reduction programs.	FS304-4 = 73.17%	No
Compare the roles and responsibilities of local, state, and federal governments in recovery operations.	FS320-2 = 50.00%	No
Compare the roles and responsibilities of private sector individuals, organizations, and insurance providers in recovery operations.	FS320-3 = 50.00%	No
Create a disaster recovery plan.	FS320-4 = 50.00%	No
Apply the skills and actions of leadership and management.	FS403-1 = 86.11%	Yes
Forecast the possible personnel management concerns that affect the operations of fire and emergency services agencies.	FS414-2 = 88.57%	Yes
Develop recommendations, solutions, and policies for common personnel management matters.	FS414-3 = 86.48%	Yes
Design a risk assessment for a hazard that affects your community.	FS420-4 = 100%	Yes
Examine the process of implementing disaster policy.	FS425-3 = 100%	Yes
Operations: Apply project management strategies that illustrate the design and management of disaster and fire response planning.	FS499-4 = 100%	Yes

BSFEM 5 Program Outcomes

Psychology: Appraise issues that deal with the psychological effects of emergency services, safety, and survival.

Measurement	Assessment/ Evaluation Results: % Emergent or greater	Meets Criteria
Describe common philosophical concepts as tools in relating to today's ethical issues.	FS205-2 = 66.67%	No
Analyze fire and emergency services department and officer roles in community risk reduction.	FS304-5 = 76.59%	Yes
Assess the impact of codes and standards and inspection review processes as it relates to fire prevention.	FS401-4 = 97.82%	Yes
Psychology: Analyze the issues that deal with the psychological effects of fire dynamics. BSFS-3	FS498-10 = 100%	Yes
Psychology: Appraise issues that deal with the psychological effects of emergency services, safety, and survival.	FS499-5 = 100%	Yes

BSFEM 6 Program Outcomes

Research Methods: Demonstrate critical thinking to perform research about the management of disaster and fire defense planning using commonly accepted quantitative and qualitative analytical tools to understand and evaluate fire and emergency situations.

Measurement	Assessment/ Evaluation Results: % Emergent or greater	Meets Criteria
Discuss the history of fire prevention.	FS105-1 = 95.52%	Yes
Apply the components of planning and operations to multiple agency responses to major incidents.	FS202-5 = 100%	Yes
Discuss the aspects of criminal and civil laws that emergency services agencies are likely to encounter.	FS208-3 = 93.75%	Yes
Discuss the state and local laws that have an effect on the management of emergency services.	FS208-4 = 93.33%	Yes
Analyze the impact of recent legal decisions on emergency services agencies.	FS208-5 = 93.75%	Yes
Analyze the components of the emergency planning and preparedness process.	FS220-1 = 100%	Yes
Analyze the components of both short- and long-term disaster recovery operations.	FS320-1 = 100%	Yes
Formulate effective decisions based on fire service management and leadership guidelines.	FS401-1 = 100%	Yes
Select effective financial and departmental resource management methods.	FS401-5 = 97.62%	Yes
Evaluate appropriate methods of managing standard operating procedures and departmental policy.	FS403-3 = 87.50%	Yes
Develop recommendations, solutions, and policies for common personnel management matters.	FS414-3 = 86.48%	Yes
Assess how laws, standards, and codes relate to hazard mitigation.	FS420-2 = 50.00%	No
Analyze policy decisions made in disaster management.	FS425-1 = 100%	Yes
Analyze the process of disaster management policy writing.	FS425-2 = 100%	Yes
Evaluate the impact of key events on the evolution of disaster policy.	FS425-4 = 100%	Yes
Research Methods: Apply scientific methods of inquiry to arrive at reasoned decisions regarding fire science. BSFS-4	FS498-11 = 91.11%	Yes
Research Methods: Demonstrate critical thinking to perform research about the management of disaster and fire defense planning using commonly accepted quantitative and qualitative analytical tools to understand and evaluate fire and emergency situations.	FS499-6 = 93.33%	Yes

BSFEM 7 Program Outcomes

Technology: Evaluate the use of technology to inform and enhance operational and strategic emergency management decisions.

Measurement	Assessment/ Evaluation Results: % Emergent or greater	Meets Criteria
Technology: Evaluate the use of technology to inform and enhance operational and strategic emergency management decisions.	FS499-7 = 96.42%	Yes

DNA = Data Not Available