

FIRE SCIENCE, BS

Student Learning Outcomes

Upon completion of the Fire Science BS program, students will be able to:

1. Students will be able to communicate clearly and concisely (orally and/or in writing) regarding current critical emergency service issues
2. Evaluate the role of risk management in the proper formulation of effective tactics and strategies to safely and successfully mitigate fire and emergency events
3. Appraise and analyze building construction in terms of structural limitations and collapse / fire spread potential
4. Utilize available technology and/or software to research and analyze data to create solutions to enhance decision-making on the emergency ground
5. Apply ethical reasoning and analysis to the decision-making process in regard to personnel and resource management