

FIRE SCIENCE - GENERALIST NON-CERTIFICATION, BS

Program Description

This emphasis is designed for long-distance students who currently possess firefighting certifications; it also serves those students who do not desire, or have the physical ability, to enter the fire service as active firefighters. This emphasis is designed for students who seek promotions or desire a professional position in the private fire service sector and provides students a wide knowledge base of the fire service. Students in this emphasis will have the education necessary to work in preventive, investigative, and educational areas of the fire service.

Program Learning Outcomes

- **Use of Evidence (UE)** – Graduates of the Fire Science programs will complete a Senior research project that demonstrates professional-level inquiry, analysis, and presentation of a relevant issue in the field of criminal justice.
- **Analysis and Synthesis (AS)** – Graduates of the Fire Science programs will demonstrate professional-level critical thinking and problem-solving skills.
- **Professional Responsibility (PR)** – Graduates of the Fire Science programs will demonstrate professional responsibility in teamwork, civic engagement, intercultural knowledge and competence, ethical reasoning, and practical applications of those responsibilities while interning in a professional setting, student projects, and group work.

Degree Requirements

Code	Title	Hours
Major Requirements		
CJUS 345	Stats & Design/Public Safety	4
FIRE 101	Introduction to Fire Science	3
FIRE 198	Seminar I	1
FIRE 199	Seminar II	1
FIRE 204	Fire Protectn Hydraulics/Pumps	3
FIRE 206	Fire Protect Sys/Equip/Ind Pro	3
FIRE 299	Seminar III	1
FIRE 301	Code Enforce Inspect/Fire Prev	3
FIRE 315	Company Level Supervision/Mgmt	3
FIRE 399	Seminar IV	1
FIRE 401	Senior Seminar	3

Electives

Select at least 30 credits from the following Fire Science and Criminal Justice Electives (14 credits must be 300/400 level):

CJUS 103	Int to Terrorism/Homeland Sec
CJUS 203	Cyberterrorism
CJUS 204	Domestic & Internatl Terrorism
CJUS 303	Crit Infrastructure Protection
CJUS 321	Ethical Issues Public Safety
CJUS 325	Homeland Security/Emer Service
CJUS 341	Fire Cause/Arson Investigation
FIRE 111	Hazardous Materials
FIRE 201	Fire Protection Const Concepts

FIRE 211	Tactics & Strategy
FIRE 300	Special Topics
FIRE 309	Fire-Related Human Behavior
FIRE 312	Hazardous Materials Management
FIRE 400	Special Topics
FIRE 402	Fire Service and the Law
FIRE 403	Fire Science Internship

Total Hours 56

General Education: All LSSU bachelor's degree candidates must complete the LSSU General Education Requirements.

A minimum of 124 credits (at the 100 level or higher) must be earned for graduation with a cumulative gpa of 2.00 or higher. A gpa of 2.00 or higher is also required in your Major, as well as in your General Education Requirements.