



FIRE SCIENCE JOB OPPORTUNITIES

Serving as a first responder can lead to a challenging and rewarding career. This respected field provides the opportunity to make a good living in careers that are essential to every community.

LBCC's Fire Science Program prepares students for exciting careers with good pay, including:

- **FIREFIGHTER**
- **FIRST RESPONDER**
- **FIRE INSPECTOR**
- **EMERGENCY MEDICAL PERSONNEL**
- **PUBLIC INFORMATION OFFICER**
- **EMERGENCY MANAGER**
- **COMMUNITY SERVICES OFFICER**

DEPARTMENT OF PUBLIC SERVICES

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FIRE SCIENCE

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WHY FIRE SCIENCE?

- The job of a first responder is exciting and offers a good income with solid medical, dental and retirement benefits.
- Because the work of firefighters is integral to community safety and security, they are always in demand. The job market for firefighters is expected to grow by 7 percent between 2016 and 2026.
- In California, the median annual wage in 2017 for firefighters was more than \$71,000, according to the state Employment Development Department. For fire inspectors and other first responders with leadership responsibilities, annual wages can exceed \$100,000.
- Firefighter salaries vary widely across the United States. Some work in small departments with limited budgets, while others work in urban areas with greater resources. Nationwide, the 2017 median annual pay for firefighters was \$49,080, according to the U.S. Bureau of Labor Statistics.

WHAT LBCC OFFERS

Long Beach City College's Fire Science Program is designed to prepare students for a career in fire service. Students learn the fundamentals of fire science, including the history and philosophy of fire protection, a fire department's role in local government, and related laws and regulations.

Courses prepare students for firefighter positions in both urban and rural areas. The program's advantages include:

- Faculty with many years of experience with both public and private fire departments.
- A close relationship with Long Beach Fire Department and opportunities to network with the firefighting community.
- The Association of Future Firefighters student club.
- Community service opportunities such as READY Long Beach outreach programs, the LBFD's annual Spark of Love Toy Drive, St. Baldrick's charity events supporting cures and research for childhood cancer, and Community Emergency Response Training (CERT) activities.

At LBCC, students in the Fire Science Program can earn:

- A Certificate of Achievement for fire academy enrollment or an entry-level position in related occupations.
- An Associate of Science degree for entry to a fire academy or career advancement for those already working in related industries.
- Transfer to a four-year college or university to pursue a bachelor's degree in fire science.

CORE CLASSES FOR A CERTIFICATE IN ACHIEVEMENT:

- Fire 1 Introduction to the Fire Service
- Fire 2 Fire Inspection Practices
- Fire 3 Fire Protection Systems
- Fire 4 Building Construction
- Fire 5 Fire Behavior and Combustion

ADDITIONAL ELECTIVE COURSES FOR AN ASSOCIATE OF SCIENCE DEGREE INCLUDE:

- Fire 54 Hazardous Materials
- Fire 57 Strategy and Tactics
- Fire 61 Rescue Practices
- Fire 62 Fire Apparatus & Equipment
- Fire 64 Fire Apparatus & Equipment

