

Fire Science A.A.S.

Program Requirements

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Minimum Requirements for Fire Science A.A.S.: 60 credits

Students must earn a C- or better in each course.

Code	Title	Credits
General University Requirements		
Complete the general university requirements. (https://catalog.uaf.edu/associates/#gurassociatedegreestext)		
A.A.S. Degree Requirements		
Complete the A.A.S. degree requirements. (https://catalog.uaf.edu/associates/#AASrequirements)		15
Fire Science Program Requirements¹		
Complete the following:		
FIRE F101	Principles of Emergency Services	3
FIRE F105	Fire Prevention	3
FIRE F121	Fire Behavior and Combustion	3
FIRE F131	Firefighter I, Series I	3
FIRE F133	Firefighter I, Series II	3
FIRE F135	Firefighter I, Series III	3
FIRE F137	Firefighter I, Series IV	3
FIRE F206	Building Construction for Fire Protection	3
FIRE F214	Fire Protection Systems	3
FIRE F220	Emergency Services Safety, Health and Survival	3
<i>Program Electives</i>		
Complete 15 credits from the following:		15
EMS F170	EMT: Emergency Medical Technician I	
FIRE F107	Strategy and Tactics	
FIRE F117	Rescue Practices	
FIRE F143	Firefighter Internship, Series 1	
FIRE F145	Firefighter Internship, Series 2	
FIRE F147	Firefighter Internship, Series 3	
FIRE F151	Wildland Firefighter I	
FIRE F202	Fire Protection Hydraulics and Water Supply	
FIRE F210	Fire Administration I	
FIRE F232	Firefighter II	
FIRE F244	Firefighter Internship, Series 4	
FIRE F246	Firefighter Internship, Series 5	
FIRE F248	Firefighter Internship, Series 6	
Total Credits		60

¹ Students completing the A.A.S. in fire science will automatically complete a concentration in municipal fire control.

Note: Program electives must be approved by the student's advisor.

Learning Outcomes

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Learning Outcomes are measurable statements that describe knowledge or skills achieved by students upon completion of the program.

Students graduating from this program will be able to:

- Possess the skills and basic working knowledge of the diverse aspects of municipal fire, wildland fire, emergency medical services and/or hazardous materials control to become the most attractive candidates for entry-level positions and promotions within emergency services and related fields
- Satisfy employer expectations in communication, critical thinking, computation, human relations, vocational experience, physical fitness and manipulative skills necessary for professionals in emergency services or closely related fields
- Meet expected outcomes in communications, computation and human relations as listed in the core curriculum