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## Fire Science

### Degree Pathway

A Certificate is outlined coursework that is designed to prepare a student to head out into the workforce in a short timeframe or for career advancement. This certificate totals 49 credit hours. Consult with an advisor for more information.

(T) are Systemwide Transfer Courses

(★) are recommended for this degree pathway.

Required Courses			
Course ID	Course Title	Credit Hours	Notes
EM110	Emergency Medical Technician	10.00	Fall, Spring, Summer
FS102	Construction Methods and Materials	3.00	Fall, Spring, Summer
FS103	Introduction to Professional Firefighting	3.00	Fall, Spring, Summer
FS110	Firefighter I	5.00	Fall, Spring, Summer
FS113	Firefighter II	4.00	Fall, Spring, Summer
FS120	Wildland Firefighter Type II	3.00	Fall, Spring
FS126	Portable Pumps and Water Use	1.00	Fall, Spring
FS127	Wildland Fire Powersaw Operations	2.00	Fall, Spring
FS128	Wildland Firefighter Firing Operations	1.00	Fall, Spring
FS130	Introduction to Fire Ground Strategy and Tactics	3.00	Fall, Spring, Summer
FS141	Fire Dynamics	3.00	Fall, Spring, Summer
FS150	Hazardous Materials Operations for First Responder	3.00	Fall, Spring, Summer
FS175	Intro. to Fire & Emergency Services Administration	3.00	Fall, Spring, Summer
FS203	Fire Hydraulics	3.00	Fall, Spring, Summer
Electives			
Course ID	Course Title	Credit Hours	Notes
<b>Fire Science Electives</b>		<b>2.00</b>	
EM131	Cardiac Care (CPR)	0.50	Fall, Spring, Summer
FS105	Fire Attack	1.00	Fall, Spring
FS107	Basic Confined Space Rescue I	1.50	Prereq: FS108 Rope Rescue I, or Departmental Consent.
FS108	Rope Rescue I	1.50	Fall, Spring
FS109	Rope Rescue II	1.50	Prereq: FS108 Rope Rescue I, or Departmental Consent.
FS122	Incident Command System	1.00	Fall, Spring
FS124	Wildland Firefighter Internship I	2.00	Spring
FS125	Fire Service Internship I	1.00	
FS141	Fire Dynamics	3.00	Fall, Spring, Summer
FS145	Firefighter Fitness and Conditioning I	1.00	Fall
FS146	Firefighter Fitness and Conditioning II	1.00	

FS153	Engine Company Operations	1.00	Fall, Spring
FS155	Ice Rescue Operations	1.50	Fall, Spring
FS156	Ice Rescue Technician	1.00	Fall, Spring
FS160	Rapid Intervention Team	1.00	Fall, Spring
FS161	Fire Rescue Special Operations	1.00	Fall, Spring
FS205	Arson Investigation	5.00	
FS206	Fire Apparatus Driver/Operator	4.00	Spring
FS209	Fire Instructor I	3.00	Fall, Spring
FS210	Fire Safety Officer	3.00	Fall, Spring

**Total Credits: 49.00**

**Program Notes:**

A grade of "C" or better is required for all degree-specific courses.