

## Associate of Science in Fire Science Program Code 2118

**Program Description:** The AS degree in Fire Science is designed for fire service or fire protection related professionals to enhance technical competencies and to prepare them for career advancement. The program has courses that help prepare students for state certifications in such areas as Fire Officer, Fire Inspector and Fire Investigator. This AS degree does not qualify students for state certification as a fire fighter. To become certified as a fire fighter, a student must complete an Emergency Medical Technician program and a Florida certified Basic Fire Fighter program (Fire Academy).

**Career Pathway:** Public Safety

**Program Entrance Requirements:** HS Diploma or GED. However, the program is recommended for currently employed fire service professionals.

Additional Program Information: You will earn Technical Certificates related to your program of study as you earn your AA, AS, AAS or Bachelor's degree.

**Related Industry Certifications:** N/A

**Location(s):** The General Education courses can be completed at any BC location. The Fire Science courses are taught primarily online or at the A. Hugh Adams Central Campus in Davie. On occasion, courses may be taught on site at local fire departments. Please consult the course schedule for specific semester locations.

**Contact information:** Program contact information can be found at <http://www.broward.edu/academics/programs/ips/Pages/default.aspx>

### Related Programs at Broward College:

Fire Officer Supervision Technical Certificate (6313)

<b>General Education Credit Hours</b>	<b>18</b>	FFP1740	Fire Service Course Delivery	3
ENC1101	Composition I	3	FFP1810	Firefighting Tactics & Strategy (Tactics 1)
POS2041	National Government	<b>or</b>		3
POS2112	State and Local Government	3	FFP2120	Fire Service Building Construction
Biological/Physical Science		3		3
Mathematics		3	FFP2720	Company Officer
Humanities		3	FFP2811	Firefighting Tactics & Strategy (Tactics 2)
Speech Communications		3		3
			Fire Science Elective*	3
<b>Core Requirements Credit Hours</b>	<b>42</b>		Fire Science Elective*	3
ENC1102	Composition II	<b>or</b>	Fire Science Elective*	3
ENC2210	Tech. Report Writing	3	Elective**	3
FFP1505	Fire Prevention Practices	3	Elective**	3
FFP1540	Private Fire Protection Systems 1	3	Elective**	3
<b>Total Program Credit Hours</b>				<b>60</b>

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**\*Fire Science Elective – Must take 3 of the following courses (9 credits):**

FFP1000	Intro to Firefighting	3	FFP2670	Legal Issues in Fire Investigation	3
FFP1510	Codes & Standards	3	FFP2521	Construct. Docs & Plans Review	3
FFP2111	Fire Chemistry	3	FFP2401	Hazardous Materials 1	3
FFP2780	Fire Dept. Admin.	3	FFP2402	Hazardous Materials 2	3
FFP2610	Fire Origin & Cause	3	FFP2801	Introduction to Command	3
FFP2630	Latent Investigation	3	FFP2741	Fire Service Course Design	3
FFP2770	Ethical and Legal Issues	3	FFP2706	Public Information Officer	3
FFP1793	Fire/Life Safety Educator	3	FFP2541	Private Fire Protection Sys II	3
FFP2301	Fire Hydraulics	3	FFP2302	Fire Apparatus & Procedures	3

**\*\*Elective Courses (9 credits)**

CGS1060C	Computer and Internet Literacy	3	
MAT1033	Intermediate Algebra	<b>or</b>	
STA1001	Pathway to Statistics	3	
	Any college level course*	3	

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**Notes:**

\*\*If a student successfully passes the Computer Competency Test, the student can take any college level course to meet the elective requirement. If the student does not need to take MAT1033/STA1001 based on their placement score, the student can take any college level course to meet the elective requirement.

- Many courses have specific pre-requisite and co-requisite requirements that must be followed. Students are encouraged to consult the Course Information Table for a detailed list of all requisite requirements.

**Students are strongly encouraged to meet with an advisor to create an educational plan.**