

**FIRE SCIENCE TECHNOLOGY**  
**Associate in Science Major Code 2118**

***Program Description***

The Associate in Science Degree in Fire Science Technology, located on A. Hugh Adams Central Campus, is designed for fire service or fire protection related professionals, to enhance technical competencies, and prepare them for career advancement through participation in appropriate courses of study. The program provides options for concentrated study including Arson Investigator, Fire Officer, and Municipal Fire Inspector specialties. Accelerated programs are offered in a series of required (3) credit courses, to prepare students for State Fire Officer I, Municipal Fire Inspector, or Arson Investigator certification.

**For additional information call 954-201-6791.**

***Fire Science General Education Requirements***

*ENC 1101	English Composition I	3
*ENC 1102	English Composition II <b>or</b>	
*ENC 2210	Technical Report Writing	3
SPC 1024	Introduction to Speech <b>or</b>	
SPC 1600	Public Speaking	3
POS 2112	State and Local Government <b>or</b>	
POS 2041	National Government	3
Elective	Humanities/Fine Arts	3
Elective	Mathematics/Natural Science	3
**Elective	CGS1060C, Computer and Internet Literacy or any college-level transferable course	3
Elective	General Education Course (any college-level transferable course)	9
<b>Total Semester Hours</b>		<b>30</b>

***Fire Science Core Courses***

FFP 1505	Fire Prevention Theory and Application	3
FFP 1120	Fire Protection through Building Construction	3
FFP 1810	Firefighting Tactics and Strategy	3
FFP 1540	Fire Protection & Detection Systems	3
FFP 2710	Fire Department Supervision	3
FFP 2740	Methods and Techniques Instruction	3
*FFP 2811	Application of Fire Ground Tactics	3
#FFP	Electives	9
<b>Total Semester Hours</b>		<b>30</b>
<b>Total Program Credit Hours</b>		<b>60</b>

#The following courses satisfy FFP elective requirements. Regardless of the number of FFP elective courses the student has completed, a maximum of nine (9) credits may be used toward the Fire Science degree:

FFP 1000	Introduction to Fire Science	3
FFP 2939	Introduction to Command	3
FFP 2741	Fire Science Course Design	3
FFP 1780	Fire Administration I	3
FFP 1510	Codes and Standards	3
FFP 2111	Fire Chemistry	3
FFP 2781	Fire Administration II	3
FFP 2604	Origin and Cause	3
FFP 2630	Latent Investigation	3
FFP 2670	Legal Issues in Fire Investigation	3
FFP 2690	Fire Service Photography	3
FFP 2521	Construction and Plans Examination	3
FFP 2401	Hazardous Materials 1	3
FFP 2402	Hazardous Materials II	3

+Recommended courses: STA 2023, PHI 2600, SYG 2010, PSY 2012, ECO 2013, CHM 1025, and EVR 1009.

**Students must fulfill a mathematics competency exit requirement through placement test or coursework.**

\*Requires a pre or co-requisite. See course description in this catalog or online at [www.broward.edu](http://www.broward.edu).

\*\* Students must fulfill the computer literacy general education requirements within the first 15 hours of BC credit by successfully completing the basic student technology test or pass the CGS1060C to earn the degree.

**A.S. Degree in Fire Science and  
Bachelor of Public Management Degree Program**

Students completing this A.S. to B.P.M. combined four year program will receive the Associate in Science degree in Fire Science from Broward College AND the Bachelor of Public Management degree from Florida Atlantic University. After successfully completing the program at BC, students then transfer to FAU. To find out which courses will be taken at FAU for the B.P.M. degree, call 954-236-1003. Below are the courses to be taken at BC, which will lead to the A.S. degree (Note: Students may choose to take the courses in any order).

**Term I at BC**

①FFP 1780	Fire Administration I	3
①FFP 1505	Fire Prevention Theory and Application	3
②MAT 1033	Intermediate Algebra	3
③ENC 1101	Composition I	3
④ CGS 1060C	Computer and Internet Literacy	3
<b>Total Term Semester Hours</b>		<b>15</b>

**Term II at BC**

①FFP 1810	Firefighting Tactics and Strategy	3
①FFP 1540	Fire Protection and Detection Systems	3
⑤MGF 1106	Math for Liberal Arts Majors	3
③ENC 2201	Technical Report Writing	3
SPC 1024	Introduction to Speech	3
<b>Total Term Semester Hours</b>		<b>15</b>

**Term III at BC**

①FFP 2710	Fire Department Supervision	3
①FFP 1120	Fire Protection through Building Construction	3
①FFP 0000	Fire Science Electives (see advisor)	3
⑥Foreign Language I		4
ECO 2013	Principles of Economics I	3
<b>Total Term Semester Hours</b>		<b>16</b>

**Term IV at BC**

①FFP 2740	Techniques of Instruction in Fire Science	3
①FFP 2420	Application of Fire Ground Tactics	3
⑤STA 2023	Statistics	3
⑥Foreign Language		4
POS 2112	State and Local Government	3
<b>Total Term Semester Hours</b>		<b>16</b>
<b>Total Program Semester Hours</b>		<b>62</b>

- (1) FFP prefixed courses are subject to change. Contact your BC Fire Science Advisor to secure the most current list of FFP requirements. As the FFP courses are updated, the BPM degree requirements will adopt curriculum revisions without penalty.
- (2) Intermediate Algebra is recommended for most A.S. students. However, with a sufficient math background, you may be eligible to move directly into MGF 1106, Mathematics for Liberal Arts I. See a BC advisor or counselor for more information.
- (3) Gordon Rule Writing course. To earn the Bachelors degree, you must complete sufficient coursework that counts as "Gordon Rule Writing" such as ENC prefixed courses or other BC courses designated for writing. Completing this program will satisfy the Gordon Rule Writing requirement.
- (4) CGS1060C must be completed within the first 15 hours of Broward College coursework.
- (5) To earn the Bachelor degree, you must complete six hours of mathematics at the college level. MGF 1106 and STA 2023 each count toward that requirement.
- (6) If you completed two years of the same foreign language in high school, you need not complete this course. If so, then substitute any three credit hour 1000 or 2000 level Humanities course (see BC advisor).