

# FIRE SERVICE ADMINISTRATION AREA OF CONCENTRATION WITHIN PUBLIC SAFETY A.A.S. (CAREER)

Program website ([https://www.frederick.edu/programs/public-safety/fire-service-administration-\(1\).aspx](https://www.frederick.edu/programs/public-safety/fire-service-administration-(1).aspx))

## Program Description

Provides a comprehensive exploration of the contemporary fire service, its essential skills and future challenges, and its evolving role as a key partner in an integrated public safety operational environment. Supports this specialized education with a solid core of knowledge fundamental to all public safety disciplines, and provides opportunities to focus and extend the program into any of several specialty areas. Serves as excellent preparation for both a variety of careers within the worlds of the fire and emergency services, and rank promotion and career advancement for students already serving.

Current or former firefighters and emergency medical technicians will find a variety of options to receive credit for their existing training and certifications.

As an AOC within the Public Safety A.A.S., coursework in this program is designed to integrate well with the Emergency Management and National Security & Intelligence AOCs. Students are encouraged to talk to the Program Manager or an advisor to help choose the most advantageous program for their academic or career interests.

## Program Learning Outcomes

- Develop leadership and management skills for fire departments or fire service-related organizations.
- Demonstrate an understanding of planning and response for fires and emergency situations in both theory and practice.
- Assess and discuss the impact of changing tools, trainings, and operational techniques on the development of the fire service profession.
- Explain the role of the fire service and emergency response within the public safety, security, and governmental environments at all jurisdictional levels.
- Develop the communication skills necessary to inform and educate communities, businesses, and partner organizations about the principles of fire prevention and risk mitigation.

## Program Requirements

- Students must complete their credit **English and Mathematics** within the first 24 credits.
- One course must meet the cultural competence graduation requirement (<https://frederick-public.courseleaf.com/general-education-core/#cultural>).
- **CORE: The General Education CORE** is that foundation of the higher education curriculum providing a coherent intellectual experience for all students. Students should check with an advisor or the transfer

institution (ARTSYS) before selecting General Education CORE requirements. <http://artsys.usmd.edu/>

- In some General Education categories (Mathematics, Biological & Physical Sciences), a 4-credit course selected from the GenEd course list will satisfy the requirement in place of a 3-credit course. Students should check with an advisor before selecting these courses.
- For the Physical Education, Health, or Nutrition requirement, a 3-credit PHED, HLTH, or NUTR course may satisfy the requirement in place of a 1-credit course. Students should check with an advisor before selecting this course.
- Students must earn a grade of "C" or better in ENGL 101 English Composition.
- Students must complete a minimum of nine credits at the 200-level.

Code	Title	Credits
<b>English</b>		
ENGL 101	English Composition <sup>1</sup>	3
<b>Math</b>		
Mathematics Elective (Gen Ed course list) ( <a href="https://frederick-public.courseleaf.com/general-education-core/#mathematics">https://frederick-public.courseleaf.com/general-education-core/#mathematics</a> ) <sup>1</sup>		3
<b>Social &amp; Behavioral Sciences</b>		
Select 2 Social & Behavioral Sciences Electives (Gen Ed course list) (Recommended courses below)		6
PSYC 101	General Psychology	
SOCY 101	Introduction to Sociology	
GEOG 101	Elements of Geography	
<b>Arts &amp; Humanities</b>		
Select one of the following:		3
COMM 103	Public Speaking	
COMM 109	Basic Conflict Mediation	
COMM 111	Introduction to Mass Communication	
Any Non-English language course (ASLS, ARBC, CHIN, FREN, GERM, ITAL, LATN, RUSS, or SPAN)		
<b>Biological &amp; Physical Sciences</b>		
Biological & Physical Sciences Elective (Gen Ed course list) ( <a href="https://frederick-public.courseleaf.com/general-education-core/#biological-physical">https://frederick-public.courseleaf.com/general-education-core/#biological-physical</a> ) (Recommended courses below)		3
BSCI 201	Anatomy and Physiology I	
BSCI 107	Study of the Human Body	
BSCI 117	Human Biology	
CHEM 101	General Chemistry I	
<b>Other Gen Eds</b>		
EMGT 101	Disaster, Crisis, and Emergency Management	3
<b>Physical Education, Health, or Nutrition Requirement</b>		
Select one PHED, HLTH, or NUTR course (recommended course below)		1
HLTH 160	Stress Management	
<b>Concentration Requirements</b>		
CORE - Take all of the following:		
EMGT 106	Hazard, Risk, and Mitigation	3
EMGT 201	Public Safety GIS and Technology	3
EMGT 213	Social Impacts of Disaster	3
EMGT 222	Public Safety Administration	3
FOCUS - Complete 3 of the following:		9
FIRE 101	Fire Protection Systems	
FIRE 103	Fire Investigation and Analysis	
FIRE 105	Fundamental Topics of the Modern Fire Service	
FS 101 - Firefighter 1 <sup>3</sup>		
EXTENSION - Select 9 credits from the following:		9
BLDT 101	Introduction to Building Trades	
BMGT 103	Introduction to Business	
CCJS 101	Introduction to Criminal Justice	
CCJS 201	Criminal Law	

EMGT 104	Disaster Response and Recovery <sup>2</sup>	
EMGT 111	Preparing and Securing the Homeland	
EMGT 220	Emergency Operations Planning	
FEMA 150	Incident Command System (ICS) <sup>3</sup>	
FIRE 101	Fire Protection Systems <sup>2</sup>	
FIRE 103	Fire Investigation and Analysis <sup>2</sup>	
FIRE 105	Fundamental Topics of the Modern Fire Service <sup>2</sup>	
GISA 101	Introduction to Geographic Information Systems with ArcGIS	
Any FS <sup>3</sup>		
<b>Electives</b>		
Select up to 5 elective credits as needed to complete 60 credit degree		5
<b>Capstone</b>		
CCJS 225	Problem Solving in the Public Sector	3
Total Credits		60

1

Take this course within your first 24 credits

2

If not already chosen as a "Focus" course

3

Credits in the FEMA and FS subject areas may only be acquired through the articulation of FEMA, National Fire Academy, Maryland Fire & Rescue Institute, or other external training institution certification. Interested students should discuss these options with the Program Manager.

## Transfer Note

For more information on careers and transfer, contact the Career and Academic Planning Services office at 301.846.2471 or visit Transfer Services (<https://www.frederick.edu/student-resources/counseling-advising/transfer-services.aspx>).

## Guided Pathway to Success (GPS)

Suggested schedules map your path to degree completion.

Students should meet with an advisor each semester to carefully select and sequence courses based on their specific academic goals and interests. Visit Jefferson Hall or call 301.846.2471 for advising.

Recommended First Semester		Credits
ENGL 101	English Composition <sup>1</sup>	3
EMGT 101	Disaster, Crisis, and Emergency Management	3
Mathematics Elective (Gen Ed course list) ( <a href="https://frederick-public.courseleaf.com/general-education-core/#mathematics">https://frederick-public.courseleaf.com/general-education-core/#mathematics</a> ) <sup>1</sup>		3-4
Select one of the following:		3
COMM 103	Public Speaking	
COMM 109	Basic Conflict Mediation	
COMM 111	Introduction to Mass Communication	
Any Non-English language course (ASLS, ARBC, CHIN, FREN, GERM, ITAL, LATN, RUSS, or SPAN)		
FIRE 101	Fire Protection Systems <sup>4</sup>	3
Credits		15-16
Recommended Second Semester		
EMGT 106	Hazard, Risk, and Mitigation	3
Biological & Physical Sciences Elective (Gen Ed course list) ( <a href="https://frederick-public.courseleaf.com/general-education-core/#biological-physical">https://frederick-public.courseleaf.com/general-education-core/#biological-physical</a> ) (Recommended courses below)		3-4
BSCI 107	Study of the Human Body	
BSCI 117	Human Biology	
BSCI 201	Anatomy and Physiology I	
CHEM 101	General Chemistry I	
Select a PHED, HLTH, or NUTR course (recommended course below)		1,3

HLTH 160	Stress Management	
FIRE 103	Fire Investigation and Analysis <sup>4</sup>	3
Social & Behavioral Sciences Elective (Gen Ed course list) ( <a href="https://frederick-public.courseleaf.com/general-education-core/#social-behavioral">https://frederick-public.courseleaf.com/general-education-core/#social-behavioral</a> ) (Recommended courses below)		3
PSYC 101	General Psychology	
SOCY 101	Introduction to Sociology	
GEOG 101	Elements of Geography	
Credits		13-16

### Recommended Third Semester

EMGT 201	Public Safety GIS and Technology	3
FIRE 105	Fundamental Topics of the Modern Fire Service <sup>4</sup>	3
EMGT 213	Social Impacts of Disaster	3
EXTENSION - Select a course (not already taken) from the following:		3
BMGT 103	Introduction to Business	
BLDT 101	Introduction to Building Trades	
CCJS 101	Introduction to Criminal Justice	
CCJS 201	Criminal Law	
EMGT 104	Disaster Response and Recovery	
EMGT 111	Preparing and Securing the Homeland	
EMGT 220	Emergency Operations Planning	
FIRE 101	Fire Protection Systems <sup>2</sup>	
FIRE 103	Fire Investigation and Analysis <sup>2</sup>	
FIRE 105	Fundamental Topics of the Modern Fire Service <sup>2</sup>	
FEMA 150	Incident Command System (ICS) <sup>3</sup>	
GISA 101	Introduction to Geographic Information Systems with ArcGIS	
Any FS <sup>3</sup>		
Social & Behavioral Sciences Elective (Gen Ed course list) ( <a href="https://frederick-public.courseleaf.com/general-education-core/#social-behavioral">https://frederick-public.courseleaf.com/general-education-core/#social-behavioral</a> ) (Recommended courses below)		3
PSYC 101	General Psychology	
SOCY 101	Introduction to Sociology	
GEOG 101	Elements of Geography	
Credits		15

### Recommended Fourth Semester

EXTENSION - Select a course (not already taken) from the following:		3
BMGT 103	Introduction to Business	
BLDT 101	Introduction to Building Trades	
CCJS 101	Introduction to Criminal Justice	
CCJS 201	Criminal Law	
EMGT 104	Disaster Response and Recovery	
EMGT 111	Preparing and Securing the Homeland	
EMGT 220	Emergency Operations Planning	
FIRE 101	Fire Protection Systems <sup>2</sup>	
FIRE 103	Fire Investigation and Analysis <sup>2</sup>	
FIRE 105	Fundamental Topics of the Modern Fire Service <sup>2</sup>	
FEMA 150	Incident Command System (ICS) <sup>3</sup>	
GISA 101	Introduction to Geographic Information Systems with ArcGIS	
Any FS <sup>3</sup>		
EMGT 222	Public Safety Administration	3
EXTENSION - Select a course (not already taken) from the following:		3
BMGT 103	Introduction to Business	
BLDT 101	Introduction to Building Trades	
CCJS 101	Introduction to Criminal Justice	
CCJS 201	Criminal Law	
EMGT 104	Disaster Response and Recovery	
EMGT 111	Preparing and Securing the Homeland	
EMGT 220	Emergency Operations Planning	
FIRE 101	Fire Protection Systems <sup>2</sup>	
FIRE 103	Fire Investigation and Analysis <sup>2</sup>	
FIRE 105	Fundamental Topics of the Modern Fire Service <sup>2</sup>	

FEMA 150	Incident Command System (ICS) <sup>3</sup>	
GISA 101	Introduction to Geographic Information Systems with ArcGIS	
Any FS <sup>3</sup>		
Elective - Select up to 5 elective credits as needed to complete a 60 credit degree		5
CCJS 225	Problem Solving in the Public Sector	3
Credits		17
Total Credits		60-64

1

Take this course within your first 24 credits

2

Only take this course if you did not already select it as a "Focus" option.

3

Represents credit earned through the articulation of training through the DFRS Recruit Fire Academy Program, the Maryland Fire & Rescue Institute (MFRI), the National Fire Academy (NFA), or the Federal Emergency Management Agency (FEMA). Interested students should contact a Public Safety Advisor or Program Manager to determine what articulated credit they may be eligible for.

4

Students who have earned prior certifications from the DFRS, MFRI, or NFA may be able to receive credit for that training instead of taking this course. Interested students should contact the program manager to learn more about this option.

## Part-time Students

Part-time students should complete courses in the order listed on the pathway. Please contact program manager for questions about part-time status.

Students who take fewer than 15 credits each semester or who require developmental English or Math coursework will need additional semesters to complete their degrees. Summer term and January session classes may help students to make faster progress.

## Pathway Legend

Milestone - courses with the Milestone notation should be taken within the recommend credit range to stay on track for program completion.

Fall, Spring, Summer - courses with a Fall, Spring, or Summer notation indicate the course is offered in the specified semester only.