

# North Seattle College

## Fire Science

Megan Bloomingdale

**DISCOVER**



**SEATTLE COLLEGES**

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# What is the program?

**This two-year (full-time) program of study prepares students for a career in the fire service, as well as for career advancement. The degree will prepare students for the testing (Work Attitudes and FireTEAM tests), assessment (oral board exam), and pre-employment screening process for hiring by fire departments as a firefighter candidate, ready to engage in recruit training. It will also enable current firefighters to qualify for career advancement opportunities.**

## **When is this program offered?**

Starting Fall 2021

## **Entry Requirements**

Enrollment at NSC College

# What is the program?

**This degree program helps build the foundation of the skills needed to build or enhance fire service career. By utilizing a comprehensive curriculum taught by subject matter experts, this program meets the academic and career needs for both those who want to enter the field and those who are looking to advance in their careers**

# Time Commitment

**Two classes of Fire Science Content each quarter and up to one general education class as needed.**

# What do you learn?



Dave J. Iannone/CWP

# What do you learn?

Course Number	General Education/Related Instruction Requirements (25 credits)	Credit Hours
ENGL&101*	English Composition (or other approved Communications course)	5
MATH&146*	Quantitative Reasoning (Recommend MATH&146 or MATH&107)	5
BIOL or CHEM	Natural World Course (Recommend Biology or Chemistry Lab course)	5
BUS 236	Interpersonal Communications for the Workplace (or other approved Human Relations Course)	5
(HUM 105) US Culture or Global Studies	Intercultural Communication (or other 5-credit course selected from a list of approved US Cultures or Global Studies courses)	5
Course Number	Core Degree Requirements (63 credits)	
FIRE 101	Principles of Emergency Services	5
FIRE 102	Fire Behavior and Construction	5
FIRE 103	Building Construction for Fire Protection	5
FIRE 104	Principles of Fire and Emergency Services Safety and Survival	5
FIRE 105	Fire Prevention	5
FIRE 106	Legal Aspects of Emergency Services	5
FIRE 107	Fire Protection Systems	5
FIRE 108	Principles of Fire and Emergency Services Administration	5
FIRE 109	Occupational Safety and Health for Emergency Services	5
FIRE 110	Strategy and Tactics	5
AHE 190 & AHE 192	Emergency Medical Technician Certificate	13
CWE 110	Internship or Practicum (could include an internship, fire service experience, a project at an ambulance employer, military experience, etc.)	3

Total Units: 91  
(excluding pre-requisites)

# What do you learn?



The program includes an internship component that will give graduates experience they can highlight when applying for firefighter positions. North Seattle College is developing internship opportunities with the Seattle Fire Department and other area fire services for Fire Science students.



# Education Pathway

**The curriculum is based on the National Fire Academy Fire and Emergency Services Higher Education (FESHE) model curriculum for fire science. Students will graduate with the academic credentials necessary to enter a two-year baccalaureate of applied science degree program, such as the online Homeland Security Emergency Management program or the Fire Science Leadership Management program at Pierce College.**

**Fire – North Seattle College Fire Science Associate Degree**

**Homeland Security Emergency Management program**

**Fire Science Leadership Management program at Pierce College.**



# EMT

**North's 13-credit, one-quarter EMT certificate includes the lectures and practice/labs required for certification. The program is rigorous, but upon completion you'll be qualified to take the National Registry Exam for certification and are immediately eligible to seek employment. The program is approved by Washington State Dept of Health and the National Registry of Emergency Medical Technicians.**

## **When is this program offered?**

Every quarter

## **Entry Requirements**

At least 18 years old

High School Graduate or equivalent

Clean Background Check

To work must have WA Driver's license

# Where do EMTs work?

- Fire Departments
- Police Departments
- Search and Rescue
- Ski Patrol
- Ambulances
- Emergency Departments
- Clinics

# EMT

Patient Assessment

Vital Signs

CPR / AED

Oxygen Therapy

Medication Administration

Bleeding Control

Splinting

Extrication

Spinal Immobilization

- Backboarding

- KED



# Q & A

## Can I do it?

- Typical schedule
- Cost?
- Work/ life balance?
- Equipment or materials?

<https://northseattle.edu/programs/fire-science>

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