

Fire Science Technology Associate in Science

| Semester 1 | | | Credits |
|------------|----------------------------------|------------|----------------------------|
| FIRE 101 | Principles of Emergency Services | | 3 <input type="checkbox"/> |
| FIRE 103 | Fundamentals of Fire Prevention | | 3 <input type="checkbox"/> |
| CHEM 131 | Survey of Chemistry | | 3 <input type="checkbox"/> |
| CHEM 151 | General Chemistry I | CHOOSE ONE | 4 <input type="checkbox"/> |
| ENGL 101 | English Composition I | | 3 <input type="checkbox"/> |
| MATH --- | Math Elective | | 3 <input type="checkbox"/> |

15/16

| Semester 2 | | | Credits |
|------------|-------------------------------------|--|----------------------------|
| FIRE 107 | Legal Aspects of Emergency Services | | 3 <input type="checkbox"/> |
| FIRE --- | Fire Science Elective | | 3 <input type="checkbox"/> |
| PHYS 120 | Science of Fire and Combustion | | 3 <input type="checkbox"/> |
| ENGL 102 | English Composition II | | 3 <input type="checkbox"/> |
| PSYC 101 | General Psychology | | 3 <input type="checkbox"/> |

15

| Semester 3 | | | Credits |
|------------|---|------------|----------------------------|
| FIRE 211 | Hazardous Material Incident Response | | 3 <input type="checkbox"/> |
| FIRE 213 | Building Construction, Blueprint, and Plan Review | | 3 <input type="checkbox"/> |
| FIRE 301 | Fire Company Officership - Tactics and Strategy | | 3 <input type="checkbox"/> |
| GOVT 105 | American National Government | CHOOSE ONE | 3 <input type="checkbox"/> |
| GOVT 200 | State and Local Government | | |
| SOCI 104 | Principles of Sociology | | 3 <input type="checkbox"/> |

15

| Semester 4 | | | Credits |
|------------|--|--|----------------------------|
| FIRE 111 | Fire Investigation I | | 3 <input type="checkbox"/> |
| FIRE 205 | Fire Service Safety and Survival | | 3 <input type="checkbox"/> |
| FIRE 206 | Fire Protection Systems and Equipment | | 3 <input type="checkbox"/> |
| FIRE 208 | Fire Hydraulics and Water Distribution Systems | | 3 <input type="checkbox"/> |
| SPCH 105 | Speech Communications | | 3 <input type="checkbox"/> |

15

This academic map is a suggested semester-by-semester guide to keep you on a clear path to program completion. Your academic advisor will provide you with clear direction needed to stay on course and discuss scheduling options with you. Taking courses not reflected on this map may result in courses not counting toward the completion of your requirements.

Milestones

As students complete certain courses, they may be eligible to receive a series of course completion certificates from the National Fire Academy's FESHE (Fire & Emergency Services Higher Education) program. Students should consult with departmental faculty for FESHE program requirements.

KEY

Keep an eye out for these symbols, which give important information about certain courses.



These courses have no prerequisites or developmental courses required.



These courses are only offered in certain semesters.



Students must earn a minimum grade in these courses to remain in the program.



Eligible electives for this program are listed on the reverse. Watch for this symbol.

HELPFUL HINTS



Summer and/or Winter Session classes may be available for your program to help you finish on time. See your advisor or visit the online course search for availability.



Taking 15 credits/semester or 30 credits/year will help you stay on track to finish your degree in two years.



CONGRATULATIONS

You've Arrived!

Program Notes

These courses are only offered in specific semesters:

FIRE 105 Fire Department Organization and Administration - spring only

FIRE 107 Legal Aspects of Emergency Services - spring only

Prerequisites: FIRE 101, FIRE 103

FIRE 206 Fire Protection Systems and Equipment - spring only

Prerequisite: FIRE 101

FIRE 208 Fire Hydraulics and Water Distribution Systems - spring only

Prerequisite: MATH 158 or higher

FIRE 213 Building Construction, Blueprint and Plan Review- fall only

Prerequisite: FIRE 101

FIRE 215 Terrorism and Domestic Response - fall only

FIRE 301 Fire Company Officership - Tactics and Strategy - fall only

PHYS 120 Science of Fire Behavior and Combustion - spring only

Prerequisites: CHEM 131 or higher, MATH 001

Firefighter I and II Certification may be substituted for FIRE 101 with department approval

Emergency Medical Technician or Paramedic certification may be substituted for the Fire Science elective with department approval.



Math Elective: MATH 158 Intro to Statistics or higher

Fire Science Elective: Students choosing a fire science elective may choose any course within that subject not already required by the program.

Some courses may have prerequisites, which are courses that **must** be taken prior to a particular course. For details, log into Degree Works through your MyMassasoit portal.

A minimum of 60 credits and 20 courses is required for completion. The same course may not be used to satisfy two different course requirements.

After Graduation/Completion

The focus of the Fire Science Technology program is twofold. It serves individuals who wish to enter into the fire science profession. It is also designed to provide career fire department personnel with a comprehensive program whereby they may be able to upgrade their educational levels and improve their effectiveness in the use of modern fire science techniques.

Resources for Academic Success

All college phone numbers are
508-588-9100 + extension.

Student Central

Admissions, financial aid, registration & payments

massasoit.edu/studentcentral
studentcentral@massasoit.mass.edu

Brockton | Student Center, Upper Level
Canton | First Floor, C121

Admissions: x1411 Financial Aid: x1479
Registrar: x1949 Student Accounts: x1507

Testing & Assessment

massasoit.edu/testing

Brockton | Student Center, Lower Level | x1991

Advising, Career & Transfer Center

massasoit.edu/act-center
act@massasoit.edu

Brockton | Student Center, Lower Level | x1461
Canton | First Floor, C126 | x2516

Academic Resource Center

Tutoring & academic support services

massasoit.edu/arc

Brockton | Student Center, Lower Level | x1801
Canton | First Floor, C126 | x2516

Access & Disability Resources

massasoit.edu/adr | x1807

Division Dean

Karyn Boutin, MAT | pubservsocsoci@massasoit.mass.edu | x1903

Brockton

1 Massasoit Boulevard
Brockton, MA 02302

Canton

900 Randolph Street
Canton, MA 02021

Middleborough

49 Union Street
Middleborough, MA 02346

508-588-9100
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