

**Academic Pathways Map**  
**Fire and Emergency Services Part-Time**  
**A.S.**  
**Law and Public Safety**

**Start Here**

<b>SEMESTER 1</b>		CREDITS	MILESTONE	✓
FIRE101	Principles of Fire and Emergency Services I	4	*	
FIRE102	Principles of Fire and Emergency Services II	4	*	
AHMS144	Medical Terminology	3		
<b>TOTAL CREDITS</b>		<b>11</b>		

<b>SEMESTER 2</b>		CREDITS	MILESTONE	✓
FIRE106	Wildland Fire Fighting	3		
Choose 1 of 2	M105, M121	3		
FIRE298	Fire Service Internship	2		
FIRE110	Hazardous Materials Operations	2		
<b>TOTAL CREDITS</b>		<b>10</b>		

<b>SEMESTER 3</b>		CREDITS	MILESTONE	✓
BIOH104	Basic Human Biology	4		
WRIT101	College Writing I	3		
FIRE261	Building Construction for Fire Protection	2		
FIRE270	Fire Prevention	2		
<b>TOTAL CREDITS</b>		<b>11</b>		

<b>SEMESTER 4</b>		CREDITS	MILESTONE	✓
FIRE131	Fire Apparatus and Hydraulics	4		
COMX115	Introduction to Interpersonal Communication	3		
BIOH201 OR SCIENCE	Anatomy and Physiology I With Lab or Science	4		
<b>TOTAL CREDITS</b>		<b>11</b>		

<b>SEMESTER 5</b>		CREDITS	MILESTONE	✓
NASX105	Introduction to Native American Studies	3		
SPNS101 OR FA	Elementary Spanish or Fine Arts	3-4		
PSYX100 OR SSH	Introduction to Psychology or Soci. Psy. Hist.	3		
<b>TOTAL CREDITS</b>		<b>9 - 10</b>		

<b>SEMESTER 6</b>		CREDITS	MILESTONE	✓
FIRE234	Fire Protection Systems	2		
FIRE202	Fire Fighter II	5		

FIRE299	Capstone	2		
FIRE298	Fire Service Internship	2		

TOTAL CREDITS 11

SEMESTER 7		CREDITS	MILESTONE	✓
SPNS102 OR FA	Elementary Spanish II or Fine Arts	3-4		
PSYX240 OR SSH	Fundamentals of Abnormal Psychology or Soci. Psy. Hist.	3		
FIRE298	Fire Service Internship	2		

TOTAL CREDITS 8 - 9

## You are finished!

**Pathway Advising Notes:** Students should be advised to complete the membership process of their chosen volunteer emergency services organization before starting FIRE298 Internship. Some organizations have lengthy membership processes. Students are required to complete one FIRE298 Internship session but may count up to 3 semesters. Note that at least 15 credits must be 200 Level.

EMT (ECP130) is not included in the F&ES degree but is offered by Helena College. ECP 130 is a highly recommended elective for F&ES students as licensure is required for most fire service careers. It is offered in the spring semester.

Students are required to provide their own NFPA 1971 compliant structural firefighting boots, gloves and hoods as well as eye/ear protection and leather work gloves. These items are required on the first day of class.

**Course Advising Notes:** FIRE101: Required, FIRE102 corequisite. Class is part of Montana IFSAC/Proboard Firefighter 1 Certification along with FIRE 102 and FIRE 110.

FIRE102: Required, FIRE101 corequisite. Class is part of Montana IFSAC/Proboard Firefighter 1 Certification along with FIRE 101 and FIRE 110.

AHMS144: Required.

M105 or M121: Required. Higher level may be substituted. M105 may be substituted if student is advised of potential reduced BS transfer options.

FIRE298: At least one session of FIRE298 Required. Up to three semesters are optional for credit. Student should have completed Fire Service Organization membership process BEFORE start of FIRE298.

FIRE110: Required. Class is part of Montana IFSAC/Proboard Firefighter 1 Certification along with FIRE 101 and FIRE 102.

BIOH104: Required Natural Science (BIOH201 may be substituted). Paramedic prerequisite.

WRIT101: Required. Paramedic prerequisite. Higher level may be substituted.

FIRE131: Required. Class is aligned with Montana IFSAC/Proboard Driver/Operator Pumping Apparatus Certification.

COMX115: Required. Paramedic prerequisite.

BIOH201 or Sci.: One additional natural science required. If BIOH 104 is completed, take any natural science. If BIOH 104 is not completed, BIOH201/211 science sequence is required.

NASX105: Recommended Diversity.

SPNS101 or FA: Recommended Humanities/Fine Arts.

PSYX100 or SSH: Recommended Social & Psychological Sciences/History.

FIRE202: Required. Class is aligned with Montana IFSAC/Proboard Firefighter II Certification.

FIRE298: At least one session of FIRE298 Required. Up to three semesters are optional for credit. Student should have completed Fire Service Organization membership process BEFORE start of FIRE298.

SPNS102 or FA: Recommended Humanities/Fine Arts.

PSYX240 or SSH: Recommended Social & Psychological Sciences/History

FIRE298: At least one session of FIRE298 Required. Up to three semesters are optional for credit. Student should have completed Fire Service Organization membership process BEFORE start of FIRE298.