

Academic Pathways Map

Fire and Emergency Services

A.S.

Law and Public Safety

Start Here

SEMESTER 1		CREDITS	MILESTONE	✓
FIRE101	Principles of Fire and Emergency Services I	4	*	
FIRE102	Principles of Fire and Emergency Services II	4	*	
Choose 1 of 2	M105, M121	3		
BIOH104	Basic Human Biology	4		
COMX115	Introduction to Interpersonal Communication	3		

TOTAL CREDITS 18

SEMESTER 2		CREDITS	MILESTONE	✓
FIRE106	Wildland Fire Fighting	3		
FIRE131	Fire Apparatus and Hydraulics	4		
WRIT101	College Writing I	3		
FIRE298	Fire Service Internship	2		
FIRE110	Hazardous Materials Operations	2		
AHMS144	Medical Terminology	3		

TOTAL CREDITS 17

SEMESTER 3		CREDITS	MILESTONE	✓
FIRE261	Building Construction for Fire Protection	2		
FIRE270	Fire Prevention	2		
NASX105	Introduction to Native American Studies	3		
PSYX100 OR SSH	Introduction to Psychology or Soci. Psy. Hist.	3		
BIOH201 OR SCIENCE	Anatomy and Physiology I With Lab or Science	4		
SPNS101 OR FA	Elementary Spanish or Fine Arts	3-4		
FIRE298	Fire Service Internship	2		

TOTAL CREDITS 19 -20

SEMESTER 4		CREDITS	MILESTONE	✓
FIRE202	Fire Fighter II	5		
FIRE234	Fire Protection Systems	2		
PSYX240 OR SSH	Fundamentals of Abnormal Psychology or Soci. Psy. Hist.	3		
SPNS102 OR FA	Elementary Spanish II or Fine Arts	3-4		
FIRE299	Capstone	2		
FIRE298	Fire Service Internship	2		

TOTAL CREDITS 17 -18

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 at the 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, and it is recommended that students take it in their second year.

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.

M105 or M121: Required. Higher level may be substituted.

BIOH104: Required. Paramedic prerequisite. BIOH201 may be substituted. BIOH201/211 science sequence required if BIOH104 is not taken.

AHMS144: Required. Paramedic prerequisite.

FIRE106: Required.

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

COMX115: Required. Paramedic prerequisite.

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

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.

FIRE261: Required.

FIRE270: Required.

NASX105: Recommended Diversity.

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

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.

SPNS101 or FA: Recommended Humanities/Fine Arts.

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.

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

FIRE234: Required.

PSYX240 or SSH: Recommended Social & Psychological Sciences/History

SPNS102 or FA: Recommended Humanities/Fine Arts.

FIRE299: Required.

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.