



AAS

Fire Science

Fire Science

2022-2023

99-102 credits

Date of update: 05.27.2021

Program Coordinator/Advisor:

Andy Hatfield

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Program Prerequisites: See requirements needed for first term classes.

Possible Term Plan	Course Number	Course Title	Credits	Terms	Prerequisites/Notes
General Education/ Applied Courses	WR 121	Academic Composition	4	F,W,S,Su	Prerequisite: WR115*, RD090*, placement by approved measure or instructor approval.
	HPE295	Wellness and Health	3	F,W,S,Su	None
	MTH095 or higher	Intermediate Algebra	4	F,W,S	Prerequisite: MTH065*, placement by approved measure or instructor approval.
	SP111	Fundamentals of Public Speaking	4	F,W,S,Su	Prerequisite: WR095 and RD090* or placement by approved measure.
	PSY101	Psychology of Human Relations	3	F,W,S,Su	None
	WR227	Technical Writing	4	F,W,S,Su	Prerequisite: WR121*

**with a grade of C or better*

Technical Courses Required	EMS151	EMT Part 1	6	F,S	Program Coordinator Approval Required
	EMS152	EMT Part 2	6	W,Su	Prerequisite: EMS151
	ES101	Principles of Emergency Services	3	F,S	None
	ES103	Occupational Safety and Health for Emergency Services	3	W	None
	ES107	Legal Aspects of Emergency Services	2	S	None
	ES109	Principles of Fire and Emergency Services Administration	3	Su	None
	FRP101	Firefighting Safety & Survival	3	W	None
	FRP111	Building Construction for Fire Suppression	3	F	None
	FRP121A	Elementary Fire Science Part 1	4	F	None
	FRP121B	Elementary Fire Science Part 2	4	W	Prerequisite: FRP121A or instructor approval
	FRP122	Fundamentals of Fire Prevention	3	F	None
	FRP123	Hazardous Materials Awareness/Operations	4	F	None
	FRP132	Fire Pump Construction and Operation	3	S	FRP 230 or instructor approval
	FRP133	Natural Cover Fire Protection	3	W	None
	CH104/112	Introduction to Chemistry or Fundamentals of Chemistry	4 or 5	CH104 - W; CH112 F,W,S,SU	CH104 Prerequisite: MTH065 or higher; CH112 Prerequisite: MTH65 or higher or math placement test score.
	FRP159	Fire Behavior and Combustion	3	F	None
	ES113	Emergency Medical Services Rescue	3	S	None
	FRP202	Fire Protection Systems	3	W	None
	FRP212	Fire Investigation	3	S	Prerequisite: Second-Year standing or instructor approval.
	FRP213	Firefighting Tactics and Strategy	3	W	Prerequisite: FRP111 and FRP159 or instructor approval.
FRP230	Fire Service Hydraulics	4	W	None	
FRP280	Fire Related Skills	6	F,W,S,Su	Prerequisite: Instructor Approval	

See Page 2 for Advisory Notes and Requirements

Advising Notes	<p>Program participants must: be a U.S. citizen, not have been convicted by any state or federal government of a crime-the punishment for which could have been imprisonment in a federal or state prison, be of good moral character as determined by a thorough background investigation, be capable of passing a series of basic physical agility tests, possess a valid Oregon driver's license with an acceptable driving record.</p>
	<p>See catalog page 97 for additional program entrance requirements.</p>

Required/ Recommended Equipment and Software	Reliable Internet Access
	PC with MS Word 2013 or newer