

WILDLAND FUEL AND FIRE TECHNOLOGY (A.S.)

Required course work includes the following:

Code	Title	Hours
COMM 1101	Fundamentals of Oral Communication	3
ENGL 1101	Writing and Rhetoric I	3
ENGL 1102	Writing and Rhetoric II	3
FOR 1400	Introduction to Forest Management	2
FOR 1700	Introduction to Computer Applications in Natural Resources	1
FIRE 1101	Career in Fire and Fuels	2
FIRE 1130	Introduction to Wildland Fire Management	2
FIRE 1212	Saws and Pumps	1
FIRE 2213	Vegetation Management	2
FIRE 2215	Wildland-Urban Interface Assessment and Communication	2
FIRE 2244	Introduction to Fuels Inventory and Monitoring	2
FIRE 2256	Science Synthesis in Fire Ecology and Management	2
FIRE 2261	Field Navigation and Fire Technology	2
FIRE 2273	Medical Response and Stress Management in Natural Resources	2
FIRE 2280	Leadership and Decision-Making in Fire Management	2
FIRE 2290	Anticipating Wildland Fire Behavior	2
FIRE 2310	Introduction to Fire Effects and Management	2
FIRE 2980	Wildland Fuels and Fire Internship	1
FIRE 3321	Cultural Use of Fire	3
FIRE 3323	Communication and Facilitative Instruction in Fire Management	2
MATH 1123 or MATH 1143	Math in Modern Society Precalculus I: Algebra	3
PHIL 2010	Critical Thinking	3
SOC 1101	Introduction to Sociology	3
Select 20 credits of General Education electives		20
Total Hours		70

Courses to total 70 credits for this degree

Fall Term 1		Hours
FIRE 1130	Introduction to Wildland Fire Management	2
FIRE 1101	Career in Fire and Fuels	2
FOR 1700	Introduction to Computer Applications in Natural Resources	1
COMM 1101	Fundamentals of Oral Communication	3
ENGL 1101	Writing and Rhetoric I	3
MATH 1123 or MATH 1143	Math in Modern Society or Precalculus I: Algebra	3
Scientific Ways of Knowing Course		4
Hours		18
Spring Term 1		Hours
FIRE 2310	Introduction to Fire Effects and Management	2
FOR 1400	Introduction to Forest Management	2
ENGL 1102	Writing and Rhetoric II	3

PHIL 2010	Critical Thinking	3
SOC 1101	Introduction to Sociology	3
Scientific Ways of Knowing Course		4
International Course		3
Hours		20
Summer Term 1		Hours
FIRE 2980	Wildland Fuels and Fire Internship	1
Hours		1
Fall Term 2		Hours
FIRE 1212	Saws and Pumps	1
FIRE 2280	Leadership and Decision-Making in Fire Management	2
FIRE 2213	Vegetation Management	2
FIRE 2256	Science Synthesis in Fire Ecology and Management	2
FIRE 2273	Medical Response and Stress Management in Natural Resources	2
FIRE 2244	Introduction to Fuels Inventory and Monitoring	2
Social & Behavioral Ways of Knowing Course		3
Humanistic & Artistic Ways of Knowing Course		3
Hours		17
Spring Term 2		Hours
FIRE 2215	Wildland-Urban Interface Assessment and Communication	2
FIRE 2290	Anticipating Wildland Fire Behavior	2
FIRE 2261	Field Navigation and Fire Technology	2
FIRE 3321	Cultural Use of Fire	3
FIRE 3323	Communication and Facilitative Instruction in Fire Management	2
American Experience Course		3
Hours		14
Total Hours		70

The degree map is a guide for the timely completion of your curricular requirements. Your academic advisor or department may be contacted for assistance in interpreting this map. This map is not reflective of your academic history or transcript, and it is not official notification of completion of degree or certificate requirements. Please contact the Registrar's Office regarding your official degree/certificate completion status.

After completing the Applied Associate of Science in Wildland Fuel and Fire Technology, students will be able to:

1. Identify the primary factors associated with the start, spread, and management of wildfires and prescribed fires in forests and rangelands.
2. Demonstrate the proper application of fuel measurement techniques and be able complete fuel assessments in forest, rangelands, and the wildland-urban interface.
3. Demonstrate the proper use of fire equipment and fire suppression and prescribed fire techniques.
4. Effectively synthesize and communicate fire and fuels management information to the public.
5. Demonstrate an ability to measure fire effects.
6. Demonstrate ability to assume leadership roles in fire and fuels management.
7. Identify cultural uses, programmatic structures, policies, and administration in fuels and fire management.