WILDLAND FIRE SCIENCE

This program provides training for entry and advanced level careers in Wildland Fire Management. This program provides the technical skills required in the areas of fire suppression, safety, decision-making, communications, business management, fire behavior, fire line tactics, water hydraulics, and chain saw operation.

Additional skills are designed to produce efficiency in performance of single operations resource positions while on and off duty times, before and during assignment. The degree is targeted towards operational Incident Command positions, but is also applicable to logistic and financial/administration Incident Command positions. All of the Wildland Fire courses meet National Wildfire Coordination Group standards.

GENERAL EDUCATION (35 CR) SEE PAGES 26-29

Area I. Communications (9 cr)
- ENG 111 English Composition I (3)
- ENG 116 Technical Writing (3)
- SPCH 130 Public Speaking (3)

Areas II and III. Mathematics/Laboratory Science (11 cr)
- ES 112 Introduction to Environmental Science (3)
- ES 112L Introduction to Environmental Science Lab (1)
- BCIS 102 Computer Literacy (3)
- MATH 130 Intermediate Algebra (4)

Area IV. Social/Behavioral Sciences (6 cr)
- PSY 105 General Psychology (3)

Area V. Humanities and Fine Arts (6 cr)
- PHIL 220 Ethics (3)

Area VI. First Year Experience (3 cr)
- FYE 101 First Year Experience (3)

PROGRAM REQUIREMENTS (32.5 CR)
- ES 137 OSHA Hazmat First Responder (1.5)
- ES 203 Introduction to GIS/GPS & Cartography (2)
- ES 103 Introduction to Natural Resource Management (3)
- ES 120 Forest and Range Ecology (3)
- WFS 130 Basic Wildland Fire Fighter Training (includes S-190 I-100 and L-180) (3)
- WFS 260 Incident Business Management (1)
- WFS 270 Basic Air Operations (1)
- WFS 134 Lookouts, Communication, Escape Routes & Safety Zones (1)
- WFS 131 Advanced Fire Fighter Training (Includes S-131) (1)
- WFS 280 Followership to Leadership (L-280) (1.5)
- WFS 290 Fundamentals of Fire Behavior (2)
- WFS 234 Ignition Operations (2)
- WFS 230 Crew Boss (2.25)
- WFS 211 Portable Pumps and Water Use (2)
- WFS 212 Wildland Fire Chain Saws (3)
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<td>Incident Commander Type 4 (1)</td>
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**TOTAL CREDITS: 67.5**