## About This Major...

This program is designed for students who want the credentials of an Associate Degree combined with the technical training that meets National Wildfire Coordination Group (NWCG) standards. The courses offered align with the NWCG Curriculum. This degree provides graduates with a competitive advantage in gaining employment in the Wildland fire career market. Graduates are qualified to apply for jobs with the Bureau of Land Management, U.S. Forest Service, National Park Service, as well as state and local wildland firefighting agencies.

For more information on what you can do with this major, go to [http://www.coloradomesa.edu/wccc/programs.html](http://www.coloradomesa.edu/wccc/programs.html)

All CMU associate graduates are expected to demonstrate proficiency in critical thinking, communication fluency, quantitative fluency, and specialized knowledge/applied learning. In addition to these campus-wide student learning outcomes, graduates of this major will be able to:

1. Demonstrate proficient formal and informal communication and writing skills that are professional in nature (Communication Fluency)
2. Apply mathematical concepts required of entry level wildland firefighters. (Quantitative Fluency)
3. Demonstrate specialized and holistic knowledge of interagency Wildland Fire Management (Specialized Knowledge)
4. Demonstrate proficiency in basic skills required for entry level Wildland Fire Management professionals (Applied Learning)
5. Evaluate leadership and ethical issues specific to Wildland Fire Management (Specialized Knowledge)

### POLICIES:

1. Please see the catalog for a complete list of graduation requirements.
2. This program sheet must be submitted with your graduation planning sheet to your advisor during the **semester prior to the semester of graduation, no later than October 1 for spring graduates, no later than March 1 for fall graduates**. You must turn in your “Intent to Graduate” form to the Registrar’s Office **by September 15 if you plan to graduate the following May**, and **by February 15 if you plan to graduate the following December**.
3. Your advisor will sign and forward the Program Sheet and Graduation Planning Sheet to the Department Head for signature. Finally, the Department Head will submit the signed forms to the Registrar’s Office. (Students cannot handle the forms once the advisor signs.)
4. If your petition for graduation is denied, it will be your responsibility to reapply for graduation in a subsequent semester. Your “Intent to Graduate” does not automatically move to a later graduation date.
5. NOTE: The semester before graduation, you may be required to take a Major Field Achievement Test (exit exam).

### NAME: ___________________________________ STUDENT ID #: ________________________

### LOCAL ADDRESS AND PHONE NUMBER: ___________________________________________

                                                    ( ) _____________________________

I, (Signature) ___________________________________________ hereby certify that I have completed (or will complete) all the courses listed on the Program Sheet. I further certify that the grade listed for those courses is the final course grade received except for the courses in which I am currently enrolled and the courses which I complete next semester. I have indicated the semester in which I will complete these courses.

______________________________   ____________
Signature of Advisor                      Date

______________________________   ____________
Signature of WCCC Dept Head              Date

______________________________   ____________
Signature of Registrar                   Date
DEGREE REQUIREMENTS:
- Minimum 61 semester hours total.
- A minimum of 16 taken at CMU in no fewer than two semesters.
- 2.00 cumulative GPA or higher in all CMU coursework
- A grade of "C" or higher must be achieved in coursework toward major content area.
- Pre-collegiate courses (usually numbered below 100) cannot be used for graduation.
- A student must follow the CMU graduation requirements either from 1) the program sheet for the major in effect at the time the student officially declares a major; or 2) a program sheet for the major approved for a year subsequent to the year during which the student officially declares the major and is approved for the student by the department head. Because a program may have requirements specific to the degree, the student should check with the faculty advisor for additional criteria. It is the student’s responsibility to be aware of, and follow, all requirements for the degree being pursued. Any exceptions or substitutions must be approved by the student’s faculty advisor and Department Head.
- When filling out the program sheet a course can be used only once.
- See the “Undergraduate Graduation Requirements” in the Colorado Mesa University catalog for additional graduation information.

ESSENTIAL LEARNING REQUIREMENTS (Minimum 15 semester hours) See the current catalog for a list of courses that fulfill the requirements below. If a course is on the Essential Learning list of options and a requirement for your major, you must use it to fulfill the major requirement and make a different selection within the Essential Learning requirement. The Essential Learning capstone course and co-requisite Essential Speech course (required for bachelor’s degrees) cannot be used as options for the below requirements.

Course No Title Sem hrs Grade Term
Communication (6 semester hours)
ENGL 111 English Composition 3 ___ ____
ENGL 112 English Composition 3 ___ ____
-OR-
ENGL 111 English Composition and 3 ___ __
SPCH 101 Interpersonal Communication or 3 ___ __
SPCH 102 Speechmaking 3 ___ __

Mathematics: MATH 108 or higher (Minimum 3 semester hours)
MATH 108* 3 ___ ___
*Note: MATH 110 or higher is required for BAS in Public Administration and MATH 113 or higher is required for BS in Environmental Science

Social Sciences, Natural Science, Fine Arts or Humanities (Minimum 6 semester hours)

Course No Title Sem hrs Grade Term
WELLNESS REQUIREMENT (2 semester hours)
KINE 100 Health and Wellness 1 ___ ___
KINA 127 Physical Conditioning 1 ___ ___
ASSOCIATE OF APPLIED SCIENCE: COURSE REQUIREMENTS (29 semester hours)
ENVS 101 Intro to Environmental Science 3 ___ ___
GEOL 103 Weather and Climate 3 ___ ___
GEOG 131 Cartography 3 ___ ___
FSWM 100 Basic Fire Guard School 4 ___ ___
FSWM 142 Pumps and Water Use 2 ___ ___
FSWM 144 Fire Ops Interface 2 ___ ___
FSWM 147 Ignition Operations 2 ___ ___
FSWM 151 Basic Air Operations 1 ___ ___
FSWM 153 Intermediate Fire Behav 2 ___ ___
FSWM 155 Initial Attack Incident Commander/ 2 ___ ___
FSWM 156 Firefighter Type 1 & Fireline 2 ___ ___
EMTS 115 Emergency Medical Responder 3 ___ ___

Restricted Electives (Select 15 semester hours)
BIOL 107 Principles of Plant Biology 3 ___ ___
BIOL 107L Principles of Plant Bio Lab 1 ___ ___
CHEM 121 Principles of Chemistry 4 ___ ___
CHEM 121L Principles of Chemistry Lab 1 ___ ___
ENGL 219 Intro to Professional Writing 3 ___ ___
ENVS 204 Intro to Ecosystem Mgt 3 ___ ___
ENVS 204L Intro to Ecosystem Lab 1 ___ ___
ENVS 360 Fire Ecology 3 ___ ___
ENVS 360L Fire Ecology Lab 1 ___ ___
EMDP 211 Intro to Emergency Mgmt 3 ___ ___
EMTS 101 Emergency Med. Tech. Basic 3 ___ ___
FSWM 103 Expanded Dispatch Recorder 1 ___ ___
FSWM 141 Intro to Incident Information 2 ___ ___
FSWM 143 Wildfire Chain Saws 2 ___ ___
FSWM 148 Status/Check-in Recorder 1 ___ ___
FSWM 152 Helicopter Crew Member 2 ___ ___
FSWM 158 Fire Service Driving 2 ___ ___
FSWM 162 Advanced Task Book 3 ___ ___
FSWM 200 Extended Attack IC 1 ___ ___
FSWM 205 Intro to Fire Behav Calc 2 ___ ___
FSWM 278 Supervised Work Experience 3 ___ ___
FSWM 196 Topics 1-3 ___ ___
FSWM 296 Topics 1-3 ___ ___
FSWM 299 Internship 3-8 ___ ___
MANG 201 Principles of Management 3 ___ ___
MANG 221 Supervisory Concepts 3 ___ ___

*Please see your advisor for requirements specific to this program.

**Required for this degree.
SUGGESTED COURSE SEQUENCING FOR A MAJOR IN WILDLAND FIRE MANAGEMENT

The sequence of courses for this program will primarily be determined by the individual and the availability of training courses offered through the NIFC system. Students are encouraged to meet with an advisor at WCCC when this program becomes an interest to the student. The Essential Learning courses that must be taken at WCCC/CMU are generally available each semester. Certain courses may have prerequisites or may require assessment to identify the best starting point for an individual. It is the student’s responsibility to meet with the assigned advisor and check the 2 year course matrix on the Colorado Mesa website for course availability.

**FRESHMAN YEAR**

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<tr>
<th>Fall Semester</th>
<th>Hours</th>
<th>Spring Semester</th>
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<td>ENGL 111</td>
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<td>EMTS 115</td>
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<td>KINA 127</td>
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<td>FSWM 142</td>
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<td>MATH 108</td>
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<td>FSWM 147</td>
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<tr>
<td>Essential Learning Social and Behavioral Science</td>
<td>3</td>
<td>FSWM 155</td>
<td>Initial Attack Incident Commander/Basic</td>
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<td>ENVS 101</td>
<td>3</td>
<td>GEOG 131</td>
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**Total: 16**

**SOPHOMORE YEAR**

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<th>Hours</th>
<th>Spring Semester</th>
<th>Hours</th>
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<td>FSWM 144</td>
<td>Fire Operations Interface</td>
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<tr>
<td>ENGL 112</td>
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<td>GEOL 103</td>
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<td>FSWM 156</td>
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<td>Restricted Electives</td>
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<td>FSWM 151</td>
<td>Basic Air Operations</td>
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