

PROGRAM COURSE PATHWAY

The following sequence is a suggested pathway to complete the degree in two years. This sequence is based on satisfaction of all basic skills requirements and prerequisites and presumes a fall start date. An individual's program may vary depending on transfer institution, career objectives, or individual needs. See your academic advisor for other options and to monitor your progress.

Program Name: Fire Science, AAS

Program Student Learning Outcomes (SLOs):

1. Students will apply critical thinking skills and lateral thinking, including hands-on skills via a Fire Academy. (2, 3, 5, 6)
2. Students will gather, process, and present information across multiple Fire Science disciplines. (1, 2, 3, 4, 5, 6)
3. Students will build a strong foundation in the Emergency Medical Technician – Basic as well as team working abilities, communication, problem solving skills and hands on skills relevant to Emergency Medical-Basic. (2, 3, 4, 5, 6)
4. Students will utilize communication and interpersonal relationships effectively with other firefighters and instructors. (2, 3, 4, 5, 6)
5. Students will demonstrate, at all times, a safe, efficient environment that promotes team work to complete tasks. (2,3,4,6)
6. Students will utilize mathematics and scientific methods to classify different methods of fire prevention, investigation and fire protection systems. (3, 5, 6)

Courses – Asterisk (*) indicates required program courses	AGEC course?	Terms	Credits
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First Semester: Fall

ENG 101*	Y	F, SP, SU	3
FSC 220*		F	3
EMS 222*		F, SP	9
FSC 105*		F	3

Courses – Asterisk (*) indicates required program courses	AGEC course?	Terms	Credits
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Second Semester: Spring

CIS 110	Y	F, SP, SU	3
FSC 150*		SP	12

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Third Semester: Fall

MAT 101		F, SP	3
FSC 120*		F	3
FSC 133*		F	3
FSC 135*		F	4
FSC 233*		F	3

Courses – Asterisk (*) indicates required program courses	AGEC course?	Terms	Credits
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Fourth Semester: Spring

ENG 136*		F, SP	3
FSC 221*		SP	3
FSC 235*		SP	3
FSC 222		SP	3
PSY 101	Y	F, SP, SU	3

Key:

SP= Spring

F= Fall

SU= Summer

1. Aesthetic Sensibilities: An awareness of creative expression in the world around us.
2. Communication Skills: The ability to effectively convey meaning through various media on both personal and professional levels.
3. Critical Thinking Skills and Problem-Solving: The ability to analyze data and arrive at logical and defensible conclusions.
4. Cultural Diversity and Global Awareness: An appreciation of relationships and differences in values, customs, and norms of diverse global communities.
5. Techniques of Inquiry: Use of standardized methodological framework to collect, analyze, interpret, and present findings.
6. Technological Competency: A proficiency in evolving technology to compete and flourish in society.

Total credits**64-67**

Course options:**AAS General Education Credits: 15-18****Special Requirements for the AAS General Education Credits:**

- Communication: Choose ENG 136 - Technical/Professional Writing Credits: (3) as one of the two options.

Program Elective Requirements: 3

Choose one of the following courses:

- FSC 222
- FSC 242