

Fire Science Management (S911)

Bachelor of Applied Science

The mission for the Bachelor of Applied Science in Fire Science Management degree is to educate, train, and develop successful leaders to manage the ever-increasing complexities of a fire department. The program is based on the recommended core curriculum established by the National Fire Academy and represents a balance between theory and practice that enhances the educational experiences and employment potential for students. The program emphasizes advanced fire science technical skills, administrative and management skills, and critical skills in communication, quantitative analysis, and organizational/systems understanding.

All upper-division applicants to the B.A.S. program are required to declare B.A.S. Fire Service Management as their major. Students must have earned an Associate in Science degree. The B.A.S. in Fire Science Management is a limited access program.

Program Requirements

Major: Fire Science Management

Need More Information? Contact:

Dr. Debra Mertz, South Campus, 904.646.2180

Curriculum

General Education

*Natural Sciences 6

*Social and Behavioral Sciences 6

Credit Hours 12

General Education credits from A.S. degree program 24

Total General Education for B.A.S. degree 36

Fire Science Management Foundation Courses (21 Semester Hours) Credits

FES 3003 Political and Legal Foundations of Fire Protection 3

FES 3015 Advanced Fire Administration 3

FES 3103 Fire Dynamics 3

FES 3533 The Community and the Fire Threat 3

FES 3780 Analytical Approaches to Public Fire Protection 3

FES 3781 Fire-Related Human Behavior 3

FES 3803 Disaster and Fire Defense Planning 3

Credit Hours 21

Fire Science Management Specialization Courses (24 Semester Hours) Credits

FES 4045 Personnel Management for the Fire Service 3

FES 4174 Application of Fire Research 3

FES 4544 Fire Protection Structures and Systems Design 3

FES 4585 Fire Prevention Organization and Management 3

FES 4685	Incendiary Fire Analysis and Investigation	3
FES 4823	Managerial Issues in Hazardous Materials	3
GEB 4891	Strategic Management and Decision Making	3
MAN 4120	Leadership Challenges and Supervision	3
	Credit Hours	24

Management Capstone Course (3 Semester Hours)

FES 4940	Capstone in Fire Science Management	3
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Total Credit Hours 60

*Refer to A.S. degree **General Education Requirements**.

Foreign Language Requirement

Students who have not completed two years of high school foreign language must complete eight semester hours of foreign language at Florida Community College prior to graduation. Courses are offered in Chinese (CHI 1120 and CHI 1121), French (FRE 1120 and FRE 1121), Spanish (SPN 1120 and SPN 1121), and German (GER 1120 and GER 1121) that fulfill this eight semester hours requirement. Students may use American Sign Language I, II and III (SPA 1602, SPA 1603 and SPA 1604) to satisfy foreign language requirements.

Writing and Mathematical Skills Requirement

The Florida State Board of Education Rule regarding the required writing and mathematical skills was revised in December 2005. 6A-10.030 specifies the policies and procedures for implementing the requirement (Table 5).

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To request information, contact the Learner Support Center at info@fccj.edu or 904.646.2300.

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