

BSET Fire & Safety Engineering Technology Checksheet

Fire Safety Concentration

Rev: Original
Catalog Date: 2023-2024

Last Name: _____
First Name: _____
Student ID: _____

<u>SEM & YR</u>	<u>Course #</u>	<u>Course Name</u>	<u>Hr</u>	<u>Grade</u>	<u>Pre/Co-Requisites</u>	<u>Comments</u>
Freshman - Fall						
_____	ETFS 1220	Intro to Fire Protection and Prevention ^(b)	3	_____		_____
_____	ETFS 1252	Fire Protection & Safety Law ^(b)	3	_____		_____
_____	ETGR 1201	Introduction to Engineering Technology ^(b)	2	_____	<i>MATH 1100</i>	_____
_____	MATH 1100	College Algebra and Probability ^(b)	3	_____		_____
_____		Writing & Inquiry in Academic Contexts I & II ^(b)	3	_____		_____
_____	WRDS 1103		3	_____		_____
		Total	14			

Freshman - Spring						
_____	ETFS 1244	Water Based Fire Suppression ^(b)	3	_____		_____
_____	ETGR 1103	Technical Drawing I ^(b)	3	_____		_____
_____	ETGR 2230	Occupational Safety ^(b)	3	_____		_____
_____	XXXX 1501	Global Theme - Social Science	3	_____	Refer to DegreeWorks	_____
_____	MATH 1103	Precalc Math for Sci. & Eng. ^(b)	3	_____	<i>MATH 1100</i>	_____
		Total	15			

Sophomore - Fall						
_____	ETFS 2132	Building Construction for Fire Protection	3	_____		_____
_____	XXXX 1511	Local Theme - Social Science	3	_____	Refer to DegreeWorks	_____
_____	PHYS 1101	Introductory Physics I	3	_____	<i>MATH1103</i>	_____
_____	PHYS 1101L	Introductory Physics I	1	_____	<i>PHYS1101</i>	_____
_____	POLS 3126	Introduction to Public Administration	3	_____		_____
_____	XXXX 1502	Global Theme - Arts & Humanities	3	_____	Refer to DegreeWorks	_____
		Total	16			

Sophomore - Spring						
_____	ETFS 2126	Fire Investigation and Forensics	3	_____		_____
_____	ETFS 2264	Intro to Fire Behavior	3	_____		_____
_____	XXXX 1512	Local Theme - Arts & Humanities	3	_____	Refer to DegreeWorks	_____
_____	POLS 3119	State and Local Government	3	_____		_____
_____	CHEM 12XX	Chemistry Elective	3	_____	<i>MATH1103</i>	_____
		Total	15			

Course in *italics* can be taken as a pre or co requisite

Course in **bold** must be taken as a co requisite

* = grade of C or better required in prerequisite course

Footnotes:

(a) Major elective courses are chosen jointly by student and advisor from the course list approved by the Department as major electives. Other courses related to the student's professional interests and career goals may be considered but all such requests to take alternative major elective courses must be approved in writing by the ETCM Department.

(b) These courses must be completed with a grade of C or better.

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Junior - Fall						
_____	ETFS 3113	Fire Safety in the Built Environment (W)	3	_____		_____
_____	ETFS 3124	Risk Management	3	_____		_____
_____	ETGR 3222	Engineering Economics	3	_____		_____
_____	STAT 1220	Elements of Statistics I	3	_____	MATH1100	_____
_____		PSYC 2171 or PSYC 3174 or Advisor			PSYC 1101 (for 2171) or PSYC	
_____	Directed Elective	Approved	3	_____	2171 (for 3174)	_____
		Total	15			
Junior - Spring						
_____	ETFS 3103	Fire Dynamics	3	_____	ETFS 2264	_____
_____	ETFS 3103L	Fire Dynamic Lab (W)	1	_____	<i>ETFS 3103</i>	_____
_____	ETFS 4123	Community Threat Assessment & Mitigation	3	_____		_____
_____	ETGR 2106	Electronic Circuits & Devices	3	_____	MATH1103	_____
_____					ETGR 2230, MATH 1100 or higher,	
_____	ETGR 4303	Applied Ergonomics & Human Factors	3	_____	PHYS 1101 or higher.	_____
_____	CTCM 2530	Critical Thinking and Communication	3	_____		_____
		Total	16			
Senior - Fall						
_____	ETFS 3144	Active Fire Protection	3	_____		_____
_____	ETFS 3150	Adult Learning Theory in Safety	1	_____		_____
_____	ETFS 4323	Advanced Fire Service Administration	3	_____		_____
_____	ETGR 3295	Multidisciplinary Professional Development	1	_____	Junior or Senior standing	_____
_____					ETGR 2230, CHEM 1200 or higher,	
_____	ETGR 4301	Environmental Pollution Control	3	_____	MATH 1100 or higher, PHYS 1101 or	
_____	Major Elective		3	_____	higher.	_____
		Total	14			
Senior - Spring						
_____	ETFS 3123	Industrial Hazards and Electricity	3	_____		_____
_____	ETFS 4272	Capstone (W, O)	3	_____	Senior standing in FSET major	_____
_____					ETGR 2230, CHEM 1200 or higher,	
_____	ETGR 4302	Industrial Hygiene	3	_____	MATH 1100 or higher, PHYS 1101 or	
_____					higher.	
_____	Major Elective ^(a)		3	_____		_____
_____	Major Elective ^(a)		3	_____		_____
		Total	15			

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