

BSET Fire & Safety Engineering Technology Checksheet

Occupational Safety Concentration

Catalog Date: 2023-2024

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

SEM

<u>& YR</u>	<u>Course #</u>	<u>Course Name</u>	<u>Hr</u>	<u>Grade</u>	<u>Pre/Co-Requisites</u>	<u>Comments</u>
Junior - Fall						
_____	XXXX 15XX	Refer to DegreeWorks for themes course	3	_____		_____
_____	ETFS 3113	Fire Safety in the Built Environment	3	_____		_____
_____	ETGR 4305	System Safety Design & Management ^{\$}	3	_____	ETGR 2230 and STAT 1220	_____
_____	ETGR 2106	Electronic Circuits and Devices	3	_____	MATH 1103	_____
_____	ETFS 3150	Adult Learning Theory in Safety	1	_____		_____
_____	ETGR 3222	Engineering Economics	3	_____		_____
			Total	16		

Junior - Spring						
_____	ETFS 3103	Fire Dynamics	3	_____	ETFS 2264	_____
_____	ETGR 4302	Industrial Hygiene ^{\$}	3	_____	ETGR 2230, CHEM 1200 or higher, MATH 1100 or higher, PHYS 1101 or higher.	_____
_____	ETGR 4303	Applied Ergonomics & Human Factors ^{\$}	3	_____	ETGR 2230, MATH 1100 or higher, PHYS 1101 or higher.	_____
_____	XXXX 15XX	Refer to DegreeWorks for themes course	3	_____		_____
_____	ETFS 3123	Industrial Hazards and Electricity	3	_____		_____
			Total	15		

Senior - Fall						
_____	ETFS 3144	Active Fire Protection	3	_____		_____
_____	ETFS 3124	Risk Management	3	_____		_____
_____	ETGR 4301	Environmental Pollution Control ^{\$}	3	_____	ETGR 2230, CHEM 1200 or higher, MATH 1100 or higher.	_____
_____	BIOL 2273	Human Anatomy & Physiology I	3	_____	BIOL 1110 & CHEM 12XX w/C grade	_____
_____	Directed Elective	PSYC 2171 or PSYC 3174 or Advisor Approved	3	_____	PSYC 1101 (for 2171) or PSYC 2171 (for 3174)	_____
			Total	15		

Senior - Spring						
_____	ETFS 4123	Community Threat Assessment & Mitigation	3	_____		_____
_____	ETFS 4272	Fire and Safety Capstone (O,W)	3	_____	Senior standing in FSET major	_____
_____	ETGR 3295	Multidisciplinary Professional Development	1	_____	Junior or Senior standing	_____
_____	CMET 1680	Prof Development I: Construction Safety	1	_____		_____
_____	Major Elective ^(a)	_____	3	_____		_____
_____	Major Elective ^(a)	_____	3	_____		_____
			Total	14		

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

\$ = May double count for Early Entry (See Program Director)

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

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

BSET Fire & Safety Engineering Technology Checksheet

Occupational Safety Concentration

Catalog Date: 23-2024

Last Name: _____ 0
 Student ID: _____ 0

Community College: _____
 Degree Program: _____

Community College Prerequisites

UNC Charlotte General	UNC Charlotte		NCCCS Acceptable Course	Course	Grade	MET
	Hrs	Course				
English Composition and/or Technical Writing	3	WRDS 1103	ENG 111, 113, 114			NO
Pre-calculus	3	MATH 1103	MAT 172, 175			NO
Differential and Integral Calculus	6	MATH 1121	MAT 223, 263, 271			NO
		ETGR 2272	MAT 272			NO
Statistics	3	STAT 1220	MAT 151, 152, 155			NO
Physics	3	PHYS 1101	PHY 151, 251			NO
	1	PHYS 1101L				
Biology	3	BIOL 1110	BIO 110			NO
Chemistry	3	CHEM 12xx	CHM 131, CHM 151			NO
Introduction to Fire Protection & Prevention	3	ETFS 1220	FIP 120 and			NO
			FIP 124			NO
Water Based Fire Suppression	3	ETFS1244	FIP 232 or FIP 146			NO
Fire Protection & Safety Law	3	ETFS 1252	FIP 152			NO
Fire Investigation	3	ETFS 2126	FIP 128			NO
Building Construction	3	ETFS 2132	FIP 132			NO
Introduction to Fire Behavior	3	ETFS 2264	FIP 229 or FIP 264			NO
Computer Aided Drafting	3	ETGR 1103	CIV 125, ARC 114, CEG 151, EGR 120, DFT 151			NO
Total Credits	46					

Ensure that University Gen Ed requirements have been met