

DEPARTMENT OF Built Environment

BACHELOR OF SCIENCE IN Environmental Health and Safety (Management Focus)

Major Code 0410

Curriculum Guide
2019-2020

Course	CR	Course	CR
Freshman Year: First Semester		Freshman Year: Second Semester	
ENGL 100 Written Communication I (WC)	3	ENGL 101 Written Communication II (WC)	3
MATH 111 College Algebra & Trigonometry (MLAR)	4	EHS 101 Introduction to EHS	3
CHEM 106/116 Chemistry VI (SR)	4	MATH 112 Calculus for Non-Math Majors (MLAR)	4
FRST 101 College Success (SS)	1	CHEM 107/117 Chemistry VII (SR)	4
Global Awareness (GA) Elective*	3	Knowledge of African American Culture and History (AA) Elective* (M) (SR)	3
Semester Total	15	Semester Total	17
Sophomore Year: First Semester		Sophomore Year: Second Semester	
Social/Behavioral Science Elective* (SBS)	3	PHYS 226/236 College Physics II (SR)	4
PHYS 225/235 College Physics I (SR)	4	MGMT 201 Management Concepts (M)	3
EHS 220 Safety & Security Management	3	EHS 212 Accident Investigation Analysis & Rec	3
<i>EHS 211 Environmental Risk Assessment</i>	3	EHS 214 Principles of Fire Prevention (M)	3
BIOL 100 Biological Science	4	SPCH 250 Speech Fundamentals (HFA)	3
Semester Total	17	Semester Total	16
Junior Year: First Semester		Junior Year: Second Semester	
Technical elective **	4	MGMT 303 Legal Environment of Business	3
HPED 342 First Aid and Safety (M)	3	ECON 206 Statistics for Decision Making	3
EHS 311 Hazardous Materials for Safety Prof	3	EHS 394 Environmental Health and Safety	3
EHS 313 Industrial Hygiene	4	WMI 417 Environmental Ethics (M)	2
PSYC 273 Industrial Psychology	3	CM 320 Construction Safety	3
Semester Total	17	Semester Total	14
Senior Year: First Semester		Senior Year: Second Semester	
EHS 433 Human Factors	3	EHS 415 Standards & Regulations in OSH	3
<i>EHS 469 Environmental Management</i>	3	EHS 432 Design of Engineering Hazard Controls	3
WMI 419 Environmental Justice (M)	3	<i>EHS 436 Environmental Wastewater Treatment</i>	3
<i>EHS 457 Environmental & Occupational Epidemiology</i>	3	EHS 498 Industrial Experience	3
Semester Total	12	Semester Total	12

Total Credit Hours: 120

Provost Approved: 06/14/2018

*General Education Requirements from Approved List: 3 hours of Humanities and Fine Arts (HFA), 3 hours of Social and Behavioral Sciences (SBs), 3 hours of African American Cultures and 3 hours of Global Awareness. These will be selected from four different pools.

**Electives to be approved at program level

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Freshman Year: First Semester		Freshman Year: Second Semester	
ENGL 100 Written Communication I (WC)	3	ENGL 101 Written Communication II (WC)	3
MATH 111 College Algebra & Trigonometry (MLAR)	4	EHS 101 Introduction to EHS	3
CHEM 106/116 Chemistry VI (SR)	4	MATH 112 Calculus for Non-Math Majors (MLAR)	4
FRST 101 College Success (SS)	1	CHEM 107/117 Chemistry VII (SR)	4
Global Awareness (GA) Elective*	3	BIOL 100 Biological Science for (S) (SR)	4
Semester Total	15	Semester Total	18
Sophomore Year: First Semester		Sophomore Year: Second Semester	
Social/Behavioral Science Elective* (SBS)	3	PHYS 226/236 College Physics II (SR)	4
PHYS 225/235 College Physics I (SR)	4	ENVS 210 Introduction to Environmental Science (S)	3
EHS 220 Safety & Security Management	3	EHS 212 Accident Investigation Analysis & Rec	3
Technical elective**	4	Knowledge of African American Culture and History (AA) Elective* (S)	3
<i>EHS 211 Environmental Risk Assessment</i>	3	SPCH 250 Speech Fundamentals (HFA)	3
Semester Total	17	Semester Total	16
Junior Year: First Semester		Junior Year: Second Semester	
Technical Elective** (S)	3	MGMT 303 Legal Environment of Business	3
WMI 417 Environmental Ethics (S)	2	ECON 206 Statistics for Decision Making	3
EHS 311 Hazardous Materials for Safety Prof	3	EHS 394 Environmental Health and Safety	3
EHS 313 Industrial Hygiene	4	EHS 315 Environmental and Occupational Toxicology (S)	3
PSYC 273 Industrial Psychology	3	CM 320 Construction Safety	3
Semester Total	15	Semester Total	15
Senior Year: First Semester		Senior Year: Second Semester	
EHS 433 Human Factors	3	EHS 415 Standards & Regulations in OSH	3
<i>EHS 469 Environmental Management</i>	3	EHS 432 Design of Engineering Hazard Controls	3
EHS 498 Industrial Experience	3	<i>EHS 436 Environmental Wastewater Treatment</i>	3
<i>EHS 457 Environmental & Occupational Epidemiology</i>	3	Technical Elective** 3 credits (S)	3
Semester Total	12	Semester Total	12

Total Credit Hours: 120

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