Pitt State

Name:
ID:

Safety Management (Environmental Management), Bachelor of Science in Technology

Catalog 2024-25

This academic degree map is a term-by-term course schedule designed for you to graduate in four years. The sample schedule below serves as a general guideline to building a full-time schedule for each term. Earning a degree requires that you complete (1) the required General Education courses, (2) the course requirements of your major and (3) any requirements PSU has designated for a Bachelor degree. Courses and special notes are specified to keep you on track to graduate in four years. Where open elective is listed, it means that you may take a course of your choosing, perhaps a course in an area outside of your major, but be sure to discuss this with your advisor.

This map is not a substitute for academic advisement – contact your advisor if you have any questions throughout the term and as you begin planning for the next. The University Catalog is also available as a resource with a complete list of requirements for all degrees offered at PSU.

Recommended 4-years to graduation plan

Code	Semester 1 - FRESHMAN YEAR	Credit	NOTES
EST 101	Environmental & Safety Industry	3	
EST 215	Intro to Environmental Compliance	3	
MATH 113	College Algebra (SGE)[030]	3	
ENGL 101	English Composition (SGE)[010]	3	C or better
Bucket 070	Institutionally Designated (SGE)[070]	1	
UGS 150	Gorilla Gateway (SGE)[070]	2	
	TOTAL CREDIT HOURS	**15**	

Code	Semester 2 - FRESHMAN YEAR	Credit	NOTES
EST 204	Inrto to Fire Safety	3	
EST 296	Intro to Construction Safety	3	
CHEM 105	General Chemistry	3	
CHEM 106	General Chemistry Lab	1	
PSYCH 155	General Psychology (SGE)[050] Suggested	3	
	TOTAL CREDIT HOURS	**13**	

	Summer - FRESHMAN YEAR	Credit
EST 400	Cooperative Education/Internship	1
	TOTAL CREDIT HOURS	**1**

	Semester 3 - SOPHOMORE YEAR	Credit	
EST 293	Intro to Industrial Safety	3	
EST 326	Basic Electrical Safety	3	
BIOL 111	General Biology (SGE)[040] Suggested	3	
BIOL 112	General Biology Lab (SGE)[040] Suggested	2	
ENGL 299	Intro to Research Writing (SGE)[010]	3	C or better
	TOTAL CREDIT HOURS	**14**	

	Semester 4 - SOPHOMORE YEAR	Credit	
EST 403	Industrial Safety	3	
BIOL 371	General Microbiology	3	
BIOL 372	General Microbiology Lab	2	
EST 514	Industrial Hygiene	3	
COMM 207	Speech Communication (SGE)[020]	3	
Bucket 060	Arts & Humanities (SGE)[060]	3	
	TOTAL CREDIT HOURS	**17**	

	Semester 5 - JUNIOR YEAR	Credit	
SOC 100	Intro to Sociology (SGE)[050] Suggested	3	
EST 505	Water Quality & Solid Waste Mgmt	3	
ENGL 301	Technical Writing	3	
BIOL 313	Principles of Conservation	3	
EST 496	Construction Safety	2	
EST 497	Construction Safety Lab	1	
	TOTAL CREDIT HOURS	**15**	

	Semester 6 - JUNIOR YEAR	Credit	
Bucket 060	Arts & Humanities (SGE)[060]	3	
EST 516	Hazardous Materials	3	
EST 621	Ergonomics/Human Factors	3	
BIOL 617	Environmental Health	3	
Bucket 070	Institutionally Designated (SGE)[070]	3	
	TOTAL CREDIT HOURS	**15**	

	Semester 7 - SENIOR YEAR	Credit	
EST 512	Risk Assessment	3	WF only
EST 614	Environmental & Safety Prog Dev	3	
EST 624	Risk Control	3	
EST 627	Modern Transportation Safety	3	
HRD 596	Intro for Human Resource Development	3	
	TOTAL CREDIT HOURS	**15**	

	Semester 8 - SENIOR YEAR	Credit	
EST 630	Safety Management	3	
EST 645	Advanced Safety Mgmt Technology	3	
EST 629	Legal Issues in Safety & Health	3	
LDSP 600	Found. of Ldrshp (or TM 606)	3	
HRD 679	Presentation Skills	3	
	TOTAL CREDIT HOURS	**15**	

Writing to Learn: Typically one from general education and one in major coursework.

Systemwide General Education (SGE) Key

010 English	050 Social & Behavioral Sciences
020 Communications	060 Arts & Humanities
030 Math & Statistics	070 Institutionally Designated
040 Natural & Physical Sciences	