

**Westmoreland County Community College**  
**Articulation with IUP**  
**Bachelor of Science – Safety, Health and Environmental Applied Sciences**  
 Transfer to IUP with 62 credits; Complete all major courses at IUP

WCCC Requirements for AA Degree	IUP Requirements for BS in Safety, Health, and Environmental Applied Sciences	Courses to be Taken at IUP
<b>LIBERAL STUDIES CURRICULUM</b>		
<b>ENGLISH COMPOSITION – 6 credits</b>		
ENG 161 College Writing	ENGL 101 Composition I	
ENG 164 Advanced Composition	ENGL 202 Composition II	
<b>MATHEMATICS – 3 credits</b>		
MTH 157 College Algebra	MATH 105 College Algebra	
<b>HUMANITIES – 9 credits</b>		
<b>HISTORY - 3 credits – (choose one)</b>		
HIS 255 Early U.S. And PA History <b>OR</b> HIS 256 Modern U.S. And PA History	HIST 196 Explorations in American History	
HIS 155 Early Western Civilization <b>OR</b> HIS 156 Modern Western Civilization	HIST 197 Explorations in European History	
HIS 257 The World in the 20th Century	HIST 198 Explorations in World History	
<b>LITERATURE – 3 credits</b>		
ENG 255 Introduction to Literature <b>OR</b> ENG 256 20th Century Literary Themes <b>OR</b> ENG 258 Survey of World Literature	ENGL 121 Humanities Literature	
<b>PHILOSOPHY/RELIGIOUS STUDIES – 3 credits – (choose one)</b>		
PHL 155 Introduction to Logic PHL 160 Introduction to Philosophy PHL 161 Introduction to Ethics REL 171 World Religions Survey	PHIL 101 Inf. Logic: Method of Critical Thinking PHIL 100 Introduction to Philosophy PHIL 122 Contemporary Moral Issues RLST 110 World Religions	

<b>FINE ARTS – 3 credits – (choose one)</b>		
ART 155 Introduction to Art History <b>OR</b> ART 156 World Art Survey	ARHI 101 Introduction to Art	
MUS 155 Music Listening: A Survey	MUHI 101 Introduction to Music	
ENG/THR 159 Introduction to Theatre	THTR 101 Introduction to Theater	
<b>NATURAL SCIENCES – 8 credits</b>		
CHM 107 Introductory Concepts in Chemistry I	CHEM 101 College Chemistry I	
CHM 108 Introductory Concepts in Chemistry II <b>OR</b> CHM 264 Chemistry for the Health Sciences	CHEM 102 College Chemistry II	
<b>SOCIAL SCIENCE – 9 credits (3 credits must be from Global Multicultural Awareness offerings and PSYC 101 Required)</b>		
PSY 160 General Psychology	PSYC 101 General Psychology	
CRJ 155 Introduction to Criminal Justice	CRIM 101 Crime and Justice Systems	
ENC 158 Elements of Economics	ECON 101 Basic Economics	
ECN 255 Macroeconomics	ECON 121 Principles of Macroeconomics	
GEO 155 Intro to Human Geography	GEOG 101 Geography: Human & Environment	
POL 155 American National Government	PLSC 111 American Politics	
SOC 155 Principles of Sociology	SOC 151 Principles of Sociology	
SOC 162 Contemporary Social Problems	SOC 231 Contemporary Social Problems	
Global Awareness (1 course) SOC 255 Cultural Anthropology POL 156 Modern Political Systems (Do not take if you took POL 155)	Global Awareness (1 course) ANTH 211 Cultural Anthropology PLSC 101 World Politics	
<b>DIMENSIONS OF WELLNESS * 3 credits (choose one)</b>		
FIN 220 Personal Finance	FIN 143 Financial Wellness	
HPE 156 Health and Physical Education <b>OR</b> HPE 157 Perspectives in Health	HPED 143 Physical-Well Being	

<b>LIBERAL STUDIES ELECTIVES – 3 credits</b>		
MTH 160 Introduction to Statistics	MATH 217 Probability and Statistics	
<b>Additional Science Requirements</b>		
BIO 155 General Biology	BIOL 104 How the Human Body Works	
PHY 155 College Physics I	PHY 111/121 Physics I Lecture and Lab	
PHY 156 College Physics II	PHY 112/122 Physics II Lecture and Lab	
<b>Business Electives</b>		
ACC 155 Accounting I	ACCT 201 Principles of Accounting I	
BUS 158 Principles of Business	MGMT 310 Principles of Management	
<b>MAJOR CORE – 52-58 credits</b>		
	SAFE 101 Introduction to Occupational Safety and Health	SAFE 101 Introduction to Occupational Safety and Health
	SAFE 111 Principles of Safety I – General Industry	SAFE 111 Principles of Safety I – General Industry
	SAFE 211 Principles of Safety II – Construction Industry	SAFE 211 Principles of Safety II – Construction Industry
	SAFE 212 Hazard Prevention Management I	SAFE 212 Hazard Prevention Management I
	SAFE 215 Safety, Health, and Environmental Communications	SAFE 215 Safety, Health, and Environmental Communications
	SAFE 220 Hazardous Materials and Emergency Management	SAFE 220 Hazardous Materials and Emergency Management
	SAFE 310 Environmental Safety and Health Regulations and Sustainability	SAFE 310 Environmental Safety and health Regulations and Sustainability
	SAFE 311 Fire Protection	SAFE 311 Fire Protection
	SAFE 330 Recognition, Evaluation, and Control of Occupational Health Hazards I	SAFE 330 Recognition, Evaluation, and Control of Occupational Health Hazards I
	SAFE 335 Industrial and Environmental Stressors	SAFE 335 Industrial and Environmental Stressors
	SAFE 345 Process and Systems Safety	SAFE 345 Process and Systems Safety
	SAFE 347 Ergonomics	SAFE 347 Ergonomics
	SAFE 361 Air and Water Pollution	SAFE 361 Air and Water Pollution

	SAFE 412 Hazard Prevention Management II	SAFE 412 Hazard Prevention Management II
	SAFE 430 Recognition, Evaluation, and Control of Occupational Health Hazards II	SAFE 430 Recognition, Evaluation, and Control of Occupational Health Hazards II
	SAFE 435 Ethics and Professionalism	SAFE 435 Ethics and Professionalism
	SAFE 488/493 Internship	SAFE 488/493 Internship
<i>* Credit also available for Military Service</i>		