

OCCUPATIONAL SAFETY & ENVIRONMENTAL HEALTH, B.S.

Major in Occupational Saf & Env Health, BS

Code	Title	Hours
OSEH 120	Fundamentals of Safety, Health, Environmental Issues	3
OSEH 220	Legal Aspects Environmental Safety	3
OSEH 221	Industrial Fire Prevention, Protection and Control	3
OSEH 320	Safety Engineering Principles	3
OSEH 321	Environmental & Industrial Hygiene I - Chemical and Biological Hazards	4
OSEH 323	Human Factors in OSEH	3
OSEH 333	Introduction to System Safety	3
OSEH 410	Safety and Hygiene Management	3
OSEH 422	Environmental & Industrial Health II - Physical Hazards	4
OSEH 430	Topics in Occupational Safety & Environmental Health	1
OSEH 435	Environmental Health	3
OSEH 440	Internship	12
Total Hours		45

Req Related for Occupatnl Safety & Env. Health

Code	Title	Hours
MATHEMATICS		
Statistics Course - Choose 1 of the following:		3
MATH 130	Elements of Statistics 1	
MATH 235	Survey of Statistics	
ECON 231	Applied Statistics 1	
Calculus - Choose 1 of the following:		4-5
MATH 101	College Algebra	
MATH 151	Calculus for Management	
MATH 160	Precalculus	
MATH 161	Calculus 1	
MATH 211	Calculus 2	
BIOLOGY AND CHEMISTRY		
BIOL 100	General Biology	3
Chemistry I - Choose 1 of the following:		3-4
CHEM 103	Gen Organic and Biochemistry 1	
CHEM 111	Introductory Chemistry 1	
CHEM 231	Organic Chemistry 1	
Chemistry II - Choose 1 of the following:		3-4
CHEM 104	Gen Organic and Biochemistry 2	
CHEM 112	Introductory Chemistry 2	
CHEM 232	Organic Chemistry 2	
PHYSICS AND INDUSTRIAL TECHNOLOGY		
AENG 130	Production Materials & Processes	3
AENG 392	Intro to Industrial Training	3
Physics Options - Choose 1 of the following options 1-2:		7-8

Option 1. Physics Elective and Energy Power Systems - See Appendix 1 7

Option 2. Physics Courses

PHYS 131 & PHYS 132	Physics 1 with Algebra and Physics 2 with Algebra
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Total Hours **36-40**

Appendix 1. Physics Elective and Energy & Power Systems

Code	Title	Hours
Energy Power Systems		3
AENG 120	Energy Systems	
Physics Elective - Choose 1 of the following:		4
PHYS 103	Elements of Physics	
PHYS 104	Applied Physics	
PHYS 131	Physics 1 with Algebra	